PASSION FOR THE PATIENT

2017 CORPORATE RESPONSIBILITY REPORT

SUSAN FREEMAN was diagnosed with plaque psoriasis and treated with OTEZLA®
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Access Accelerated is a partnership of 23 biopharmaceutical companies, including Celgene, developing innovative and sustainable solutions to improve access to treatment and care for noncommunicable diseases (NCDs)—such as cancer and heart disease—in low- and middle-income countries.

In 2017, IDHIFA® (enasidenib) was granted approval from the U.S. Food and Drug Administration (FDA) for the treatment of adult patients with relapsed or refractory acute myeloid leukemia (AML) with an IDH2 mutation as detected by an FDA-approved test. IDHIFA® was developed through a collaboration agreement between Celgene and Agios.

Celgene's commitment to building a healthy, sustainable future has been recognized with LEED® Gold certification for Building L—a 180,000-square-foot, state-of-the art office building at Celgene's Summit East, New Jersey headquarters location.

Every year, we work to increase our corporate responsibility transparency. This year, that work included transitioning to the Global Reporting Initiative (GRI) Standards, the newest generation of the most widely used corporate responsibility reporting guidelines. We are now reporting on more GRI indicators than ever before, including on how Celgene contributes to the United Nations' Sustainable Development Goals (SDGs).
Patients are at the heart of everything Celgene does. Improving their lives is why we exist. We work tirelessly to deliver truly innovative and life-changing therapies.

Discovering, developing and commercializing breakthrough medicines for patients with serious unmet medical needs is our mission. We are working to change the course of human health through bold pursuits in science.

As a global leader in disease-altering myeloma treatments, for example, we are helping patients in battling this incurable disease. You can also see our progress in leukemia, where IDHIFA® (enasidenib) was granted approval from the U.S. Food and Drug Administration (FDA) for the treatment of adult patients with relapsed or refractory acute myeloid leukemia with an isocitrate dehydrogenase-2 (IDH2) mutation as detected by an FDA-approved test. These patients have been without options for decades. We developed IDHIFA® through a collaboration with Agios, which is an exceptional example of how Celgene and its collaborators can positively impact the lives of patients with high unmet needs. Our research teams currently work with more than 70 such industry and academic collaborations.

Bringing treatments such as IDHIFA® to market is a direct result of Celgene’s industry-leading commitment to reinvesting revenue into research and development (R&D), which includes robust clinical trial activities. Our R&D, medical and patient safety teams work together to develop safe, well-planned and effectively managed clinical trials. At the time of this writing, Celgene was sponsoring more than 230 clinical trials examining 33 unique compounds, with more than 19,000 patients actively enrolled.

Celgene’s innovative therapies offer hope to patients with significant medical needs. We are therefore focused on how we can make these medicines accessible for the patients who need them. To that end, Celgene is working across stakeholders to address issues of cost, value and access, including reform of outdated insurance designs that force patients to face high deductibles and high co-insurance for their medicines.
Delivering innovative medicines for patients is possible only through the hard work of highly dedicated Celgene employees. We are committed to hiring the best people, and to preparing them for today and tomorrow by cultivating every employee’s full potential and fostering a culture that rewards high performance and innovation. We are proud to be known as a place where people want to work: Science magazine ranked Celgene as a top employer in their survey of companies with the best reputations as employers.

Celgene does not operate in a vacuum. We are part of society, and embrace our ability to contribute in a variety of ways. Some examples include programs that encourage employee participation in local charitable events, philanthropy and scholarships for deserving students. We value the opportunity to make a meaningful difference for our communities.

At Celgene, we are also working to be a positive force that helps shape a sustainable future. We are committed to continually improving the environment in which we operate, and have established quantifiable 2020 environmental goals for greenhouse gas emissions, renewable electricity, water withdrawal and solid waste. We hold ourselves accountable to these goals and in this report, provide updates on our progress.

As a company that affects so many people’s lives, we are unwavering in our commitment to conduct business with integrity, transparency and accountability. One mechanism we have in place to uphold this commitment is our Sustainability Committee: a senior-level, cross-functional team that oversees Celgene’s integrated corporate responsibility strategy. It is responsible for decision making on corporate responsibility-related topics and reviewing the progress of environmental initiatives, stakeholder engagement, reporting, and other relevant activities. These efforts are paying off. For example, Celgene was recently included on the FTSE4Good Index due to our high rating across environmental, social and governance measures and proven track record of responsibility.

Hard work and dedication to our mission places Celgene in a strong position to achieve consistent and sustainable growth well into the future. Our patients, our partners in health care, our employees and our shareholders expect and deserve that growth. We have the ability not only to achieve our business and strategic objectives, but also to fulfill our responsibilities to society by applying patient focus, forward-looking practices, strong values, ethics and integrity to every aspect of our work.

MARK J. ALLES
Chief Executive Officer
Celgene is an integrated global biopharmaceutical company engaged primarily in the discovery, development and commercialization of innovative therapies for patients with cancer, immune-inflammatory diseases and other unmet medical needs.

**Our Purpose:** Changing the course of human health through bold pursuits in science, and a promise to always put patients first.

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<th>~7,000</th>
<th>$11.2B</th>
<th>231</th>
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<tr>
<td>employees globally</td>
<td>in revenue in 2016</td>
<td>clinical trials currently being sponsored by Celgene</td>
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<tr>
<th>1986</th>
<th>39.8%</th>
<th>33</th>
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<td>Founded in 1986 and headquartered in Summit, New Jersey</td>
<td>In 2016, Celgene reinvested 39.8% of revenue back into research and development*</td>
<td>unique compounds being examined in clinical trials</td>
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<th>70+</th>
<th>19K+</th>
<th>22</th>
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<tr>
<td>Serving patients in 70+ countries</td>
<td>patients actively enrolled in clinical trials</td>
<td>pivotal/Phase III programs currently underway</td>
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*On a GAAP (generally accepted accounting principles) basis. Clinical trials data as of June 2017.
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<td><strong>Forbes</strong></td>
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<td><em>Forbes’ America’s Best Midsize Employers (2017):</em> Ranked #1 in the biotech industry, #4 nationally overall</td>
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<td><em>Barron’s (2017):</em> 100 most respected companies worldwide, ranked 38, up from 44 in 2016</td>
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<td><em>Science Careers (2016):</em> Top employers survey, ranked #17</td>
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<td><strong>Newsweek</strong></td>
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<td><em>Newsweek Green Rankings (2016):</em> Ranked #54 in the United States and #97 worldwide</td>
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<td><strong>FORTUNE</strong></td>
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<td><em>Fortune 500 (2017):</em> Ranked #254, up 51 spots from 2016</td>
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<td><strong>The NJ Tech Council (2016):</strong> Recognized Celgene as Public Company of the Year</td>
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<td><strong>FutureBrand</strong></td>
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<td><em>FutureBrand (2016):</em> 100 top global companies, ranked #9</td>
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<td><strong>Great Oak Awards (2017):</strong> Finalist for New Jersey Monthly’s Great Oak Awards, a program created to honor the state’s most generous companies</td>
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<td><strong>United Way (2017):</strong> Spirit of the Community Award</td>
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Celgene Corporation, together with its subsidiaries (collectively “we,” “our,” “us,” “Celgene” or the “company”), is an integrated global biopharmaceutical company engaged primarily in the discovery, development and commercialization of innovative therapies for the treatment of cancer and inflammatory diseases through next-generation solutions in protein homeostasis, immuno-oncology, epigenetics, immunology and neuro-inflammation.

Celgene’s long-term commitment to discovering, developing and delivering entirely new classes of therapies is evident in our deep and diverse pipeline of novel compounds. The breadth and depth of our pipeline fuels our ability to further develop innovative new therapies designed to alter the course of disease and improve patient outcomes.

THERAPEUTIC AREAS

Celgene is committed to helping patients who suffer from a wide range of debilitating diseases. Our initial focus was on cancers and blood disorders, including immunomodulation in cancer, solid tumor cancers, and blood disorders and diseases. While this is still a core area of expertise, we are committed to addressing a diverse range of patient needs. For example, we have created and are creating new therapies for patients around the world with immune-inflammatory disorders. More than 23.5 million people in the United States alone are living with immune-inflammatory disorders, representing a large unmet medical need.

The Celgene portfolio consists of therapies and patient services, including REVLIMID® (lenalidomide), POMALYST®/IMNOVID® (pomalidomide), OTEZLA® (apremilast), ABRAXANE® (paclitaxel protein-bound particles for injectable suspension) (albumin-bound), VIDAZA®, azacitidine for injection (generic version of VIDAZA®), THALOMID® (thalidomide) (sold as THALOMID® or THALIDOMIDE CELGENE® outside of the United States), ISTODAX® (romidepsin), and IDHIFA® (enasidenib).
FRANCHISE INFORMATION

Hematology/Oncology

The robust growth of Celgene’s Hematology/Oncology franchise in 2016 reflects an unwavering commitment to developing medicines that define the standards of treatment across a range of blood cancers and solid tumors. Our pursuit of science has led to the creation of medicines that play a role in the treatment of multiple myeloma, myeloid diseases, breast cancer, lung cancer and pancreatic cancer. These therapies deliver meaningful benefits to patients with serious medical conditions.

Inflammation & Immunology

In 2016 and early 2017, Celgene’s Inflammation & Immunology (I&I) franchise made enormous progress both commercially and clinically, delivering on our commitment to establish a leading portfolio with transformative potential for patients. Nearly three years after its approval, OTEZLA® has established itself as a treatment option for physicians and appropriate patients in the care of moderate to severe plaque psoriasis and active psoriatic arthritis. Beyond OTEZLA®, Celgene is emerging as a leader in immunology, with a growing pipeline that includes multiple potential first- or best-in-class therapies. Most notably, in 2017 we reported positive results from our two pivotal Phase III clinical trials (SUNBEAM™ and RADIANCE™ Part B) evaluating oral ozanimod versus an active comparator in patients with relapsing multiple sclerosis (RMS). Ozanimod has the potential to provide RMS patients and their physicians a novel oral option for treating this illness.

To learn more about our franchises, please see our 2016 Annual Report.

FINANCIAL PERFORMANCE

Celgene’s 2016 total revenue was $11.2 billion, representing a 21 percent increase over 2015. Further information, annual reports, proxy statements, quarterly financial results, US Securities and Exchange Commission filings, stock information, and investor-related questions can be found on our Investor Relations website.

More than 500,000 patients were treated with Celgene medicines in 2016
Celgene has an exclusive option to license JTX-2011, rosmantuzumab, navicixizumab, OMP-313M32, FT-1101, AG-881 and an option to acquire LYC-55716, LYC-30937 and ABX-1431.

* 3 studies on partial hold; 1 study on full hold. ** Studies on partial hold.

Pipeline as of November 2017.

For information on approved uses, please refer to approved product labeling. Post-approval research includes Celgene-sponsored and Celgene-supported studies.

The safety and efficacy of the agents and/or uses under investigation have not been established. There is no guarantee that the agents will receive health authority.
At Celgene, we strive to fulfill our responsibilities to society by applying forward-looking practices, strong values, ethics and integrity to every aspect of our work. Bold science that benefits patients is at the core of our values and our business. We strive to ensure that patients are at the heart of everything we do—that patients are the focus of every employee, regardless of the role that employee plays in the company. Our growing portfolio of innovative therapies and our commitment to cutting-edge medical research enables us to help more and more patients around the world.

Underlying our company’s culture is a strong belief in corporate responsibility that is predicated on our purpose, our values and our behaviors—which, together, are the foundation of our approach to ethical and responsible business. This foundation reflects Celgene’s role within the global ecosystem of medical innovation in support of positive opportunities for patients, our partners, our employees and the environment.

Our collaborative efforts complement the work of medical and academic institutions of excellence, government agencies and regulators, patient advocacy groups and non-governmental organizations, as well as investors and other biopharmaceutical companies. Beyond the development of new therapies, we invest in patient access and financial support programs while collaborating with patient groups and their families.

Celgene’s values are founded on the belief that by looking at the world around us with fresh curiosity, we can intensify our discovery efforts to find new treatments for patients. Thus, we believe that a relentless dedication to how we work is just as important as the value we bring to people who need our medicines. Our continuous focus on how we discover, how we operate, and how we deliver helps us to serve patients now—and in the future.

Responsibility is constantly evolving at Celgene. As with everything we do, we endeavor to raise the bar, and be better than before. In 2016, our efforts and progress gained recognition from external stakeholders, which only propels us forward: we have numerous projects currently underway to deeper embed Responsibility within the company’s operations and external collaborations. You are encouraged to read on to learn more about these projects.

This report is organized around four central dimensions of corporate responsibility at Celgene.

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**PATIENTS FIRST:** We deliver the value of innovative medicines to patients around the world with the ambitious goal of finding cures for patients with significant unmet medical needs.

**EMPLOYEES AND COMMUNITIES:** We nurture the commitment and passion of our people while contributing to and partnering with our communities.

**ENVIRONMENT:** We manage our environmental footprint to promote a healthy planet.

**BUSINESS WITH INTEGRITY:** We reinforce a culture of excellence and integrity that governs all we do, from enabling new discoveries to ensuring that patients benefit from them.
A copy of Celgene’s Corporate Responsibility Report as well as the most recent Corporate Responsibility and Sustainability Policy can be found at: www.Celgene.com.

ABOUT THIS REPORT

This report reflects our transition from the Global Reporting Initiative (GRI) G4 guidelines to the newest version, the GRI Standards. The GRI Standards are the first global standards for sustainability reporting and represent the global best practice for reporting on a range of economic, environmental and social impacts.

OUR VALUES

Passion for the patient
Courage to face our challenges and the unknown
Trust in our words and our actions
Excellence in delivering exceptional results
Curiosity and continuous learning

We have selected the disclosures that apply to our business in a meaningful and material manner. The complete list of the GRI standard disclosures is provided in the GRI Index at the end of this report.

FORWARD-LOOKING STATEMENTS

Any statements contained in this report that are not statements of historical fact may be deemed forward-looking statements. Forward-looking statements generally are identified by the words “expects,” “anticipates,” “believes,” “intends,” “estimates,” “aims,” “plans,” “may,” “could,” “will,” “will continue,” “seeks,” “should,” “predict,” “potential,” “outlook,” “guidance,” “target,” “forecast,” “probable,” “possible” or the negative of such terms and similar expressions. Forward-looking statements are subject to change and may be affected by risks and uncertainties, most of which are difficult to predict and are generally beyond our control. Forward-looking statements speak only as of the date they are made, and we undertake no obligation to update any forward-looking statement in light of new information or future events, although we intend to continue to meet our ongoing disclosure obligations under the US securities laws and other applicable laws.

REPORTING BOUNDARY

Our corporate responsibility reporting includes activities within Celgene at the corporate, enterprise-wide level, such as governance and global health; site-specific activities in selected facilities, such as water and energy consumption; and some activities that occur outside of Celgene, such as in portions of our supply chain. Site-specific data are provided for the facilities included in our organization boundary.

The Celgene 2017 Corporate Responsibility Report focuses on activities and performance during the 2016 calendar year, as well as important and impactful events and activities that have occurred during the first half of 2017.

More details on the reporting boundary can be found in our GRI Index starting on page 98.
MATERIALITY*

We assess our corporate responsibility work and practices in terms of issues and topics that are material to Celgene’s current operations, those that are potentially material in the near future, and those that are not directly controlled, such as activities within our supply chains. Items and aspects deemed material have a financial, social or environmental impact on our day-to-day operations. Our strategies related to business governance, environmental stewardship, community involvement, labor relations, and other material aspects are presented throughout this report to show the breadth and depth of the corporate responsibility work at Celgene. In 2016, we enhanced our materiality assessment through an in-depth stakeholder engagement process. This deepened our understanding of priority issues and sharpened our focus on these priorities.

OBTAINING STAKEHOLDER INPUT ON MATERIALITY AND CORPORATE RESPONSIBILITY

We have determined the environmental, social and governance issues deemed most significant and impactful to the company by gathering feedback from both our employees and key external stakeholders. To obtain feedback from external organizations, during 2016, we organized a virtual engagement process through a highly interactive online platform. We invited nearly 50 stakeholders from a range of backgrounds—including global health, patient advocacy, environmental management and government affairs—to participate.

This process, which was moderated by an independent third party, encouraged participants to provide their feedback on a variety of corporate responsibility-related topics. We aggregated the information provided during the session and created an updated materiality matrix that helped shape the content of this report.

*In this report, we use the terms “material” and “materiality” to refer to topics that reflect Celgene’s meaningful economic, environmental and social impacts or that influence the assessments and decisions of stakeholders, or what the GRI Reporting Guidelines define as “Material Aspects.” We are not using these terms as defined by the securities laws or any other laws of the United States, nor are we using them as they are used in the context of financial statements and financial reporting.
MATERIALITY MATRIX

All topics at right have been deemed material by Celgene and stakeholders and are graphed according to their significance and priority to both. We monitor all topics regardless of position on matrix.

MATERIALITY MATRIX KEY

- Patients First
- Employees and Communities
- Environment
- Governance
Launched in 2015, the Sustainable Development Goals (SDGs) are a set of 17 global goals created by the United Nations through a process involving its 193 Member States along with NGOs and the private sector. The goals contain a broad range of sustainable development issues, including poverty and hunger, improving health and education, making cities more sustainable, combating climate change, and protecting oceans and forests.

At Celgene, we recognize the importance of contributions from the private sector in reaching the SDGs and are strongly committed to supporting them. Celgene’s people, expertise, collaborations and financial resources help advance the SDGs with a particular emphasis on ensuring healthy lives and promoting well-being (Goal 3). The following eight SDGs are the ones we consider to be most relevant to our operations and sustainability areas of focus:

- **Ensure healthy lives and promote well-being for all at all ages**
- **Achieve gender equality and empower all women and girls**
- **Ensure availability and sustainable management of water and sanitation for all**
- **Ensure access to affordable, reliable, sustainable and modern energy for all**
- **Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all**
- **Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation**
- **Ensure sustainable consumption and production patterns**
- **Take urgent action to combat climate change and its impacts**

For a detailed view of how Celgene’s activities contribute to the SDGs, see our GRI index starting on page 98.
Underlying our commitment to improve the lives of patients worldwide is our dedication to change the course of human health through bold pursuits in science and transformational medicines. At Celgene, we believe that a commitment to medical progress must go hand in hand with a corresponding mission to help ensure that patients who can benefit from our discoveries have the opportunity to do so.

DOUG FARRELL was diagnosed with multiple myeloma and treated with REVLIMID®.

PATIENTS FIRST
Celgene is committed to R&D. A five-year summary of Celgene’s growth in total revenue and in percentage of total revenue reinvested back into R&D* is shown here.

*On a generally accepted accounting principles (GAAP) basis.
Medical innovation is the process of turning knowledge about a disease at the genetic and cellular level into products that treat illness. It creates the building blocks for next-generation therapies, improved health care and economic growth.

At Celgene, we take our role in the health care ecosystem very seriously, continuously striving to be a leader in medical innovation and pursuing transformational science that may translate into life-enhancing medicines.

Medical innovation is best expressed as a virtuous cycle that includes investment, patient access and innovation. Each step of the cycle is critical to sustaining the health care ecosystem and to increasing our chance of discovering the next truly revolutionary and disruptive medicine.
A patient facing a serious illness can feel like he or she is constantly looking for an edge in a fight against overwhelming odds. That’s the premise behind *This Is Axiom*, a new, short science-fiction film by Celgene which tells the story of Nozomi, an astronaut lost in space. Nozomi’s story has been designed to give a voice to the thousands of patients every day who feel trapped and helpless in a health care system that is doing everything to help them, but is essentially alien to patients and their loved ones. The film is available for viewing here: [http://thisisaxiommovie.com/](http://thisisaxiommovie.com/).

At Celgene, we want to initiate a positive discussion about how our health care systems are currently designed and what needs to happen to unlock the potential of new, innovative medicines coming through. Health care is complex, and we do not pretend to have all of the answers. But with life expectancy increasing and health care spending becoming more pressured, and the fact that new innovations offer hope to so many, we believe now is the time for a new conversation.

While the patient is central to that story, *This Is Axiom* also gives voice to the clinicians, the administrators, the support networks whose focus every day is bringing Nozomi home. Celgene wants to work in partnership to find new ways to deliver health care to the people who need it most. Celgene is committed to our role in supporting a healthier future, through an exchange of bold and innovative solutions which make a difference to patients. *This Is Axiom* is the first step in starting this new conversation.

Leading up to the launch of the film, we invited Europe-based employees to share their stories about how medical innovation has impacted their lives—and to help all Celgene employees remember the importance of the work we do every day. Five employees were selected from the entries received to visit the set of *This Is Axiom*.

Here are two examples of the entries from our colleagues:

**NICOLE WICKI, Specialist, Patient Advocacy Europe**

“At age 28 I was diagnosed with breast cancer. This came as an absolute shock, and my life was turned upside down. Since I was borderline Phase II with an aggressive Grade 3 cancer, my doctors and I agreed on a very militant surgery and treatment course. But throughout my chemotherapy, I was constantly plagued by treatment delays due to low white blood cell counts. This was devastating as I really wanted to get back to normal and finish my regimen as soon as possible. After one of my courses of chemo, I developed neutropenia. My doctor suggested that we use a granulocyte-colony stimulating factor, an injectable glycoprotein that stimulates the bone marrow to produce white blood cells. This innovative medicine allowed me to accelerate my recovery—and avoid future treatment delays and hospitalizations.”

**RUTE MARQUES, Senior Director, Corporate Affairs, Europe and International Markets**

“Living with my aunt, who has multiple sclerosis, has given me a first-hand view of the importance of medical innovation. We both learned how to inject interferon shots, but when oral treatments came to market, they made a huge difference in her life. Not only did the injections stop, but we no longer had to rush the injections from the hospital pharmacy to the refrigerator at home. It’s still a journey for us, but it was very interesting to see how much things changed for the better for her in the span of about 10 years.”
CELGENE RESEARCH AND DEVELOPMENT LOCATIONS

Celgene’s R&D facilities are strategically located around the United States and in Europe. Each location is uniquely equipped to its specialty.

• San Diego, CA: The Drug Discovery & Alliance Development Center in San Diego is our hub for biotherapeutics and the Protein Homeostasis Thematic Center of Excellence. With our enhanced insights on cereblon, the target protein for REVLIMID® and POMALYST®/IMNOVID®, we are redefining the therapeutic potential of protein homeostasis. We are developing next-generation drugs, called CELMoD® compounds (Cereblon E3 Ligase Modulation Drugs), designed with novel chemistry and differentiated properties that potentially enable us to address a broader range of diseases.

San Diego is also the drug discovery center for the Epigenetics Thematic Center of Excellence. Epigenetics is the study of these chemical reactions and the factors that influence them. Our leadership position within epigenetics is anchored by our two commercially available drugs (VIDAZA® and ISTODAX®) and an expanding clinical portfolio of epigenetic therapies that further strengthen our capabilities in this critical area of research.

• San Francisco, CA: Located in San Francisco, the Celgene Translational Development Center serves as the main site for immunomodulatory drug (IMiD® compounds and CELMoD® compounds) research. IMiD® compounds are proprietary small-molecule, orally available compounds that modulate the immune system and other biological targets through multiple mechanisms of action, not all of which have been fully characterized. Our IMiD® compounds use multiple mechanisms of action that target the sources rather than the symptoms of disease.
Cambridge, MA: Celgene moved into a new state-of-the-art research facility in Cambridge in January 2016. This facility is primarily dedicated to drug discovery and translational development for the Immunology and Inflammation Thematic Center of Excellence.

Seattle, WA: The facility in Seattle provides translational support for key assets in the immuno-oncology clinical portfolios as well as working with our alliance partners in the cutting-edge CAR-T programs. There are laboratories for cellular immunology, molecular biology, protein chemistry, flow cytometry and other areas that will deal with preclinical work with human primary cells and tissues.

Seville, Spain: The Celgene Institute for Translational Research Europe (CITRE®) in Seville, Spain—our first dedicated R&D site outside the United States—bridges Celgene R&D and the European research community.

Summit, NJ: Celgene’s laboratories and R&D facilities in Summit, New Jersey, include good manufacturing practice and quality control space for testing of therapies. Additional laboratories include those for drug metabolism pharmacokinetics, translational development, analytical R&D biologics development, and other departments.

Our expanding computational biology capabilities have been embedded in all the research facilities, bringing top scientists together with computational experts to drive innovation and targeted therapies.
Clinical trials are a critical part of our research and development pipeline and help to ensure our innovative treatments which reach patients are both safe and effective. Our research and development team works in collaboration with our patient safety team to ensure patients who participate are involved in safe, well-planned studies.

Responsible sharing of clinical trial data is an essential element of Celgene’s research and development efforts. We are committed to responsible and transparent sharing of clinical trial data with patients, health care practitioners and independent researchers to improve scientific and medical knowledge, and foster innovative treatment approaches. We believe responsible data sharing means protecting both patient privacy and the innovator’s intellectual property rights. We also believe responsible data sharing can help enhance the impact our medicines have in changing the course of diseases, providing new treatment options for patients and identifying safety concerns.

In addition to other responsible data sharing activities, Celgene endorses and has implemented the European Federation of Pharmaceutical Industries and Associations (EFPIA) and Pharmaceutical Research and Manufacturers of America (PhRMA) Principles for Responsible Clinical Trial Data Sharing.

We also ensure our sponsored studies are considered for publication in scientific literature regardless of the results. Failure, from a scientific standpoint, is an important aspect of learning in research and development. Patients are waiting, so we support disease area research by sharing our learnings to help expedite the development of new medications for those who need them now.

**CELGENE CLINICAL TRIALS BY THE NUMBERS**

<table>
<thead>
<tr>
<th>Metric</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical trials currently being sponsored by Celgene</td>
<td>231</td>
</tr>
<tr>
<td>Unique compounds being examined in clinical trials</td>
<td>33</td>
</tr>
<tr>
<td>Patients actively enrolled in our clinical trials</td>
<td>19K+</td>
</tr>
<tr>
<td>Pivotal/Phase III programs currently underway</td>
<td>22</td>
</tr>
</tbody>
</table>

Clinical trials data as of June 2017.
GLOBAL COLLABORATIONS

We actively seek collaborators in areas such as developing novel targeted therapies, next generation biologics, protein homeostasis, epigenetics, immunotherapy, combination treatments and more. We currently work with over 70 active industry and academic collaborations, ranging from research and development collaborations to clinical and commercial alliances.

*A select number of active collaborations. Current as of November 2017.
At Celgene, we are focused on providing patients with safe access to our treatments. We subject our safety programs to independent external benchmarking that compares our activities to more than 15 other leading biopharmaceutical companies—and Celgene consistently places among the highest performing companies.

We have developed unique, industry-leading risk evaluation and mitigation strategy programs that have enabled hundreds of thousands of patients worldwide to safely access the clinical benefits of our therapies. Our emphasis on patient safety includes labeling and informational material developed in compliance with regulatory bodies such as the US Food and Drug Administration and the European Medicines Agency. We also take deliberate, sustained and proactive steps to strictly enforce the quality and safety of our treatments, continuously implementing strategies and exploring new technological developments to deter counterfeiting.

We have established strict engineering and environmental controls to manufacture all active pharmaceutical ingredients, intermediates and drug products. The purpose of these mechanisms is to ensure the highest form of environmental controls for our products across our supply chain. This is a standard practice and requirement in our manufacturing environment and is routinely inspected by Celgene audit teams.

RISK MINIMIZATION AND MANAGEMENT

Celgene is proud to be a world leader in pioneering risk minimization techniques related to the safe use of medicinal products.

Joe Stivala was diagnosed with advanced (or metastatic) non-small cell lung cancer and treated with ABRAXANE®.

Our Global Risk Management Oversight Committee (GRMOC) works to ensure that risks related to any of our commercial or development products are identified, assessed and managed effectively.

The GRMOC operates across functional areas with standing members comprising Celgene’s Chief Medical Officer, Regulatory Affairs, Global Drug Safety and Risk Management (GDSRM), Medical Affairs, Legal, Clinical Research and Development,
and US Risk Management Strategies. The GRMOC is chaired by the GDSRM Head of Global Risk Management.

The overall aim of our risk management efforts is to confirm that the benefits of a particular product outweigh the risks by the greatest achievable margin for the patient. This process has three interrelated stages:

- We characterize the product’s safety profile, including what is known and what is not known.
- We plan pharmacovigilance activities (defined by the World Health Organization as the science and activities relating to the detection, assessment, understanding and prevention of adverse effects or any other drug-related problem) as a key component of effective therapy regulation, clinical practices and public health programs. These activities are used to characterize risks, identify new risks and increase knowledge about the safety profile of therapies.
- Once we have planned and implemented risk minimization and mitigation measures, we assess their effectiveness.

For risk management activities conducted in the United States, we support prescribers, pharmacies and patients through our Risk Evaluation and Mitigation Strategy (REMS) programs. To avoid embryo-fetal exposure, REMS programs are mandatory for the Celgene products THALOMID®, REVLIMID® and POMALYST®. These programs require prescribers and pharmacists to be certified and patients to enroll and comply with all of the requirements for each program. Our focus on developing innovative features for our REMS programs means most Celgene pharmacy REMS tasks are fulfilled online, saving time and streamlining the REMS process. We also provide customer service to those completing Celgene REMS tasks through a convenient REMS mobile application.

Our GDSRM department is involved in the lifecycle management of products, including every step of the clinical development process—from inception to marketing—making sure the safety profile of our therapies is well-defined and our patients are well-informed. Safety personnel are embedded within clinical development and project teams to help ensure the continuity of safety assessments from pre- to post-marketing.
We embrace our responsibilities to patients today by helping ensure access to our medicines, and to patients tomorrow by ensuring that we can invest in future medical innovations that will help treat debilitating diseases.

**CELGENE PATIENT SUPPORT®**

This US-based program helps patients access the Celgene Hematology or Oncology medication their physicians have prescribed. Celgene Patient Support Specialists come from varied backgrounds, having worked as nurses, pharmacists and social workers, and in other health care roles. As Celgene employees, each Specialist belongs to a team of professionals committed to the single mission of helping patients access their prescribed Celgene medications.

Celgene Patient Support is committed to helping US patients access their prescribed medication.

For more information, visit: [www.celgenepatientsupport.com](http://www.celgenepatientsupport.com).

**OTEZLA® SUPPORTPLUS™**

OTEZLA® SupportPlus™ is a program for people taking OTEZLA® (apremilast), as well as those looking for more information on treatment. It’s designed to support plaque psoriasis and psoriatic arthritis patients throughout their journey. OTEZLA® SupportPlus™ provides:

- 24/7 access to specially trained specialists
- Prior authorization and appeal support for patients
- $0 co-pay enrollment for commercially insured patients
- Patient Assistant Program for uninsured or underinsured patients
- Assessment of patient eligibility for free offers
- Educational information
- Tools to help patients stay on track while taking OTEZLA®

For more information, visit: [www.otezla.com](http://www.otezla.com)
HELPING MULTIPLE MYELOMA PATIENTS IN RUSSIA ACCESS NEEDED MEDICATION

Since the inception of Celgene Russia, our aim has been to provide access to effective multiple myeloma (MM) treatment for all patients in Russia to whom it is prescribed. According to the Russian Government decision in 2014, REVLIMID® was added to the reimbursement program “7 Noslogies” and thus, could be obtained by patients to whom it was prescribed. Celgene Russia is continuing to work on making REVLIMID® accessible to MM patients in Russia: the newly diagnosed multiple myeloma (NDMM) indication was registered as of 2016 and became available for MM patients in Russia starting in 2017. Finally, Celgene Russia is also working to make IMNOVID® available for relapsed/refractory (RRMM) patients.

WHY WE COME TO WORK: A PATIENT TESTIMONIAL

In the summer of 2017, we were heartened to receive this note from the daughter of an AML patient:

“I’m grateful to Celgene and its representative Neopharm Israel for providing my sick mother the drug VIDAZA® at no cost after she was diagnosed with acute myeloid leukemia (AML). My mother survived the Holocaust and devoted her life to teaching. Even as a pensioner, she volunteered in schools and continued to work with children for many years. But a few months ago, her AML diagnosis forced her to stop. We hope that VIDAZA® will help my mother return to the activities she loves.”
When considering pricing for its therapies, Celgene follows an approach that recognizes the following four principles:

**VALUE**
The price of medication should be based upon the benefits they deliver to the patients, health care systems and society

**INNOVATION**
Pricing should provide incentives for continued investment in discovery and development of innovative medicines

**FLEXIBILITY**
Pricing flexibility among countries according to their financial circumstances permits broad global access

**ACCESS**
Patients who can benefit from Celgene products should have access to them
PATIENT ADVOCACY

Celgene’s Patient Advocacy team works with approximately 150 patient groups around the world who are deeply dedicated to supporting and advocating on behalf of patients and their families. Celgene develops strong collaborations with patient and professional advocacy organizations to deliver patient-focused initiatives such as education for patients and their caregivers, navigation tools and engagement opportunities within the health care ecosystem, and policy engagement that will help drive positive legislative change for patients. All this is done in the spirit of strengthening the care patients receive at every step of their journey.

For Celgene, patient advocacy is about building long-term strategic collaborations that provide important insights for all collaborators—insights that influence research and clinical development, patient access to the medicines they need, pro-innovation and pro-patient policies, outreach, and education. This is all in addition to the countless personal hours Celgene employees devote to volunteering in support of activities and events that serve patients.

Celgene Hosts BioNJ Patient Advocacy Summit

In 2016, BioNJ, an organization that represents more than 400 life-science companies in New Jersey, hosted its first patient advocacy conference at Celgene’s headquarters in Summit, New Jersey. The event featured representatives from a number of New Jersey biopharmaceutical companies; advocacy experts from the Hyacinth Foundation, which represents those with AIDS; patients working to raise awareness about their own conditions; and state lawmakers, including Assemblyman Herb Conaway, who chairs the health committee. “It was a highly interactive day where industry and patient advocates of all types were able to network and discuss the need for patient input throughout the drug development process,” said Debbie Hart, President and CEO of BioNJ.

Patients’ Partners “Pay it Forward” Contest

Now in its third year, this popular contest provides funding to four Celgene partner organizations to attend a nonprofit capacity-building conference in the United States in 2017. Winning organizations were asked to document their top three takeaways from the conference they attend in an article to be published in a future Celgene Patients’ Partners e-newsletter, enabling the entire community to benefit. Each of the four winning organizations, selected at random utilizing an independent service, receives up to $3,000 to offset the cost of conference registration, air and ground transportation, hotel accommodations and meals.
Celgene Innovation Impact Awards

Through the Innovation Impact award program, we seek to be the catalyst to transform dialogue into game-changing, tangible action resulting in the incorporation of the patient voice at every step of the drug discovery and development continuum. In 2016, we asked during our fourth annual competition, “Who are the unreached and how can we reach them?” The goal of this topic was to identify those patients who may know resources exist but are not sure how to access them or identify those patients who may not even realize that resources exist to support their journey.

The winners of Celgene’s 2016 Innovation Impact awards were the Leukemia & Lymphoma Society, Facing Our Risk of Cancer Empowered (FORCE), and Worldwide Breast Cancer.

• The Leukemia & Lymphoma Society
  Taking It to Church: Enhancing Myeloma Knowledge and Access to Latest Treatments in Black Communities is a collaborative pilot program developed with the National Black Church Initiative (NBCI) designed to increase access to expert care and improve quality of life for people with myeloma in black communities. https://www.lls.org/

• Facing Our Risk of Cancer Empowered (FORCE):
  FORCE’s Project Plural: Peer Navigation Leveraged for Rural Populations will address a large unmet need to improve informed medical decision making, access to and uptake of expert-recommended medical services, and increased participation in research. http://www.facingourrisk.org/index.php

• Worldwide Breast Cancer:
  This organization’s #KnowYourLemons Breast Cancer Global Education Platform is designed to help people around the world find breast cancer sooner by overcoming illiteracy, fear and taboos through proven, clever visuals. It includes an impactful print campaign, along with an engaging mobile app and website. http://www.worldwidebreastcancer.com/
PATIENT ADVOCACY IN EUROPE

Celgene provides support for nearly 160 patient organizations across Europe, with the aim of improving the lives of patients. Celgene’s patient advocacy teams in Europe work to build collaborative relationships with patient organizations and advocacy groups on a local, national and international level. In 2016, Celgene’s European patient advocacy team provided 289 various grants, donations and sponsorships in 33 countries to promote capacity building among advocates, disease awareness and education initiatives, and support for patients and their families.

Key Projects

Alpe Adria region: The Alpe Adria region delivered a Patients’ Partners workshop for patient organizations in Balkan countries to learn more about Health Technology Assessments and how patient organizations can get involved.

Belgium: Support was provided for a collaborative national survey project involving two local hematological patient organizations. The survey focuses on quality of life and unmet need, namely the needs and expectations of patients.

Denmark: A grant was provided for the development and launch of an innovative application for psoriasis patients.

Germany: German teams worked with a patient organization to develop an educational application for the children of cancer patients.

Pan-Europe: Celgene hosted the eighth Partners for Progress meeting in Vienna, Austria, a capacity building Patients’ Partners meeting with 67 patient advocates from across Europe.

Spain: Support was provided for an organization offering live music and concerts in hospitals across Spain to improve hospital stays for patients, their families and for health care workers.

Live music provides a more pleasant stay for hospital patients in Spain.
Disease awareness provides education for the public about specific diseases, encourages early detection (when available) and encourages contributions to support organizations that serve patients and advance research.

Celgene’s commitment to improving the lives of patients worldwide is not only reflected in our mission to deliver innovative and life-changing drugs, but is also evidenced in our corporate responsibility to the organizations that support the patients we serve through disease awareness.

WORLD MS DAY

Celgene is committed to continuing to advance research and raise awareness for the more than 2.5 million people around the world living with multiple sclerosis (MS). That’s why we participate in World MS Day, a global initiative that brings the MS community together and raises awareness of the challenges and triumphs of people living with MS.

The theme for 2017’s event on May 31st was “Life with MS,” which enabled Celgene employees to experience some of the daily challenges faced by people living with this progressive and debilitating condition. We also used informal quizzes to help dispel some myths and misconceptions about life with MS.

Left to right: Esther Martinborough, PhD, Executive Director of Research; Susan Murphy, Senior Associate Scientist, Biology; and David Guimond, PhD, Scientist I, Biology; review data regarding the company’s therapeutic candidate for multiple sclerosis.
Standing in the Gaap has received a variety of awards for the work that we are doing to combat health care disparities in the African American myeloma community. We worked with Illinois State Rep. Marcus Evans to develop an op-ed promoting Standing in the Gaap, which was distributed in a newsletter reaching 5,000 people on the South Side of Chicago and shared with the Illinois Black Caucus members. We also worked to increase awareness of blood cancer during BCAM by creating an employee video to help show the world that our global team is committed to finding a cure. The video is a compilation of authentic, memorable and inspiring messages of hope and encouragement to share with audiences worldwide.

BLOOD CANCER AWARENESS MONTH

During Blood Cancer Awareness Month (BCAM), we worked to raise awareness of these complex diseases by developing engaging and educational content that was used in conjunction with advocates across social, digital and traditional communication channels to cultivate a deeper understanding of various blood cancers and offer support to the people living with or caring for someone with a blood cancer.

Jay Backstrom, MD, MPH, Chief Medical Officer & Global Head, Regulatory Affairs, represented Celgene on the Cancer Moonshot panel hosted by the Congressional Black Caucus’ Health Braintrust during the group’s Annual Legislative Conference. Celgene has created the “Standing in the Gaap for African Americans with Multiple Myeloma” (the double a’s in “Gaap” reflect the focus on African Americans) initiative to help spread the word about how multiple myeloma affects African Americans in particular, so as to improve the quality of care.
PATIENT ADVOCACY PARTNER RECOGNITION

LUNGeity Foundation honored Celgene with its Hope Award for Corporate Leadership, an award given to a corporation with demonstrated commitment to working across the lines of business for the health and well-being of lung cancer communities. Celgene was presented with this award in November of 2016 at the Celebration of HOPE Gala, held in New York City. The gala supported LUNGeity’s goal of furthering the best research in the fight against lung cancer—the deadliest cancer in the United States.

Celgene was also honored by the Pancreatic Cancer Action Network at its June 2016 Circle of Hope Gala in Seattle, to recognize our leadership and impact as the Pancreatic Cancer Action Network’s leading industry champion.

Finally, Celgene was honored in 2016 by the Aplastic Anemia and MDS International Foundation for Leadership in Corporate Partnerships.

“SHOW MORE OF YOU” CAMPAIGN

We continue to work with 12-time Olympic medalist, best-selling author and mother Dara Torres in a campaign called SHOW MORE OF YOU to inspire people living with psoriasis or psoriatic arthritis to celebrate their accomplishments. SHOW MORE OF YOU aims to shine a light on psoriatic disease through an exciting collaboration and powerful portraits of those living with this disease.

In an interview with People magazine, Torres explained why she is working with Celgene on the SHOW MORE OF YOU campaign. “I want to get the word out that you can have confidence and you can follow your dreams,” Torres says. “You can be yourself and not worry about what other people think.”

http://www.showmoreofyou.com
At Celgene, our commitment to changing the course of human health extends to both those living in developed nations and those living in developing parts of the world.

GLOBAL HEALTH

While an aging population and increased risk due to lifestyle choices are contributing factors to the growing burden of NCDs in low- and middle-income countries, these countries also have under-resourced health care systems with multiple barriers that limit access to diagnosis, treatment and care.

If this trend persists, we risk losing many years of progress in global health and economic development. In order to both protect the gains we have made in past decades and advance progress in the future, we must:

- **WORK TOGETHER:** Across the industry, across health systems and sectors—truly answering the call to partnership outlined in UN Sustainable Development Goal 17.

- **ACCELERATE WHAT’S WORKING:** While many companies have individual efforts, we need a common framework for analyzing what’s working, what’s not and scaling solutions that remove barriers to care.

**ACCESS ACCELERATED**

Access Accelerated is a partnership of 23 biopharmaceutical companies, including Celgene, developing innovative and sustainable solutions to improve access to treatment and care for noncommunicable diseases (NCDs)—such as cancer and heart disease—in low- and middle-income countries. NCDs are the leading causes of death and disability worldwide and bring untold suffering to patients and their families. According to the World Health Organization, NCDs such as cardiovascular disease, cancer, chronic respiratory disease, diabetes and mental health conditions are responsible for 38 million deaths annually.

Infectious diseases like AIDS, Ebola and malaria have dominated global health interventions, conversations and investments for many years. However, in the midst of these epidemics and outbreaks, noncommunicable diseases have emerged as an additional public health crisis, creating a double burden for people in low- and middle-income countries.

**80% of deaths from noncommunicable diseases occur in low- and middle-income countries**

*Source: World Health Organization.*
• FIND SOLUTIONS ACROSS THE SYSTEM THAT WORK FOR PATIENTS:
As we strive to overcome barriers, from a shortage of qualified health care workers to supply chain bottlenecks, pilots need to be designed and scaled to find solutions that focus on patients.

The lessons across companies’ individual programs, and the collective opportunities to avoid duplication and fragmentation of efforts, will be the foundation and engine for what we can accomplish with Access Accelerated.

Our first disease-specific partnership, with an initial focus on cancer, provides foundational support for the Union for International Cancer Controls C/Can 2025: City Cancer Challenge. This effort supports the development of effective, sustainable cancer care delivery in cities with a population above one million.

Together, our goal is to help people lead longer, healthier lives—no matter where they live.

BUILDING HEALTH CARE CAPACITY FOR PATIENTS IN AFRICA: AMPATH

One critical way to achieve global health goals is to strengthen local health systems by equipping local institutions with skilled health workers and critical resources. For several years, Celgene has partnered with the Indiana University School of Medicine, Moi University Teaching and Referral Hospital in Eldoret, Kenya, and a consortium of academic health centers collectively called the Academic Model Providing Access to Healthcare (AMPATH). AMPATH is currently in the process of implementing and strengthening a population health model designed to achieve health care equity and improve the health of low-income populations in Kenya and beyond.

Moi Teaching and Referral Hospital is embarking on establishing itself as a clinical pharmacy center of excellence, where pharmacists will provide clinical pharmacy services for all the high-volume wards in the hospital.

Celgene’s support for the AMPATH Oncology Institute has enabled the creation of a successful MM program, the first and only program in Kenya for this rare blood cancer. Key achievements include...
4. Biopharmaceutical supply chain and inventory control mechanisms

5. A pharmacy residency training program

the development of safety pamphlets for both patients and health care professionals; diagnostic improvements that led to an increase in patients diagnosed with MM; oncology nurse training for improved patient outcomes; and the provision of transportation services, enabling more patients to attend routine clinic follow-up visits. The AMPATH Oncology Institute is on its way to becoming a replicable model of how to successfully treat patients with MM in sub-Saharan Africa.

Celgene has also provided support to AMPATH’s broader care and treatment programs as well as its pharmacy infrastructure, including:

1. Education and monitoring services for patients with hematologic disorders: anticoagulation care expanded to serve more than 2,400 patients by the end of 2016

2. Development of a new tablet-based electronic medical record system that is currently being tested

3. Support for expansion of an HIV peer-based service to patients with other disease states, including malignancies and hypertension
Celgene has a longstanding connection to global health. We were started as a company with a drug to treat a form of leprosy, a disease that is limited now to the poorest parts of the world.

Celgene established Celgene Global Health (CGH) as a dedicated R&D unit committed to discovering, developing and delivering novel drugs for Diseases of the Developing World (DDW). CGH is applying modern-day drug discovery efforts to help find treatments for malaria, tuberculosis and other diseases of the developing world.

**RESEARCH AND DEVELOPMENT FOR DISEASES OF THE DEVELOPING WORLD**

**The neglected disease statistics are daunting:**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuberculosis</td>
<td>2 billion infected, 10.4 million new cases, and 1.8 million deaths</td>
</tr>
<tr>
<td>Malaria</td>
<td>212 million new cases, and 429,000 deaths, including 303,000 children under 5</td>
</tr>
<tr>
<td>Leishmaniasis</td>
<td>1 billion at risk, 1.6 million new cases, and 40,000 deaths</td>
</tr>
<tr>
<td>Chagas disease</td>
<td>50 million at risk, 10 million infected, and 11,000 deaths</td>
</tr>
<tr>
<td>Lymphatic filariasis</td>
<td>1.3 billion at risk, 120 million infected, 40 million disfigured</td>
</tr>
<tr>
<td>Onchocerciasis</td>
<td>120 million at risk, 100 million infected, millions lose sight</td>
</tr>
<tr>
<td>Leprosy</td>
<td>200,000 new cases; permanent damage to skin, nerves, limbs, eyes</td>
</tr>
<tr>
<td>Kaposi Sarcoma</td>
<td>80,000 prevalence (most in Africa), no new drug, unmet need</td>
</tr>
<tr>
<td>Ebola and other hemorrhagic fevers</td>
<td>High mortality rate with no effective therapy; high risk to civilian population due to potential use as biological weapons</td>
</tr>
</tbody>
</table>

In 2016, CGH made progress on several fronts.

**Discovery:** The CGH Discovery Portfolio addresses numerous neglected diseases at all stages of the drug discovery pipeline. We partner with worldwide experts for each of our discovery projects. In 2016, we progressed several projects from screening to the lead optimization phase.

**Development:** We initiated three clinical studies, including a Phase II clinical study in tuberculosis evaluating host-directed therapy of our phosphodiesterase-4 inhibitor (CC-11050) in combination with standard anti-TB regimen. The study is being conducted in South Africa and is funded by the Bill & Melinda Gates Foundation. We also initiated a pilot study of pomalidomide in combination with doxorubicin in patients with Kaposi Sarcoma at The National Cancer Institute. Finally, CGH is planning on initiating a pilot study evaluating CC-11050 in erythema nodosum leprosum (ENL), a form of leprosy, in Katmandu, Nepal.

**Lead optimization:** We are using medicinal chemistry efforts to make new molecules based on the core structures of our compound library. This not only improves their

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### CELGENE GLOBAL HEALTH PIPELINE

<table>
<thead>
<tr>
<th>Disease</th>
<th>Discovery</th>
<th>Development</th>
</tr>
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<tbody>
<tr>
<td>Visceral Leishmaniasis</td>
<td></td>
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<tr>
<td>Cutaneous Leishmaniasis</td>
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<td>Chagas Disease</td>
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<td>Malaria</td>
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<td>Filariasis</td>
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<td>Tuberculosis</td>
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<tr>
<td>Cryptosporidium</td>
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<tr>
<td>Viral/Bacterial Infections</td>
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<tr>
<td><strong>PDE4 Inhibitor (CC-11050)</strong></td>
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<tr>
<td>Tuberculosis</td>
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<tr>
<td>Erythema nodosum leprosum</td>
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<tr>
<td>HIV PK/Safety Study</td>
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<tr>
<td><strong>Pomalidomide</strong></td>
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<tr>
<td>Kaposi Sarcoma</td>
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properties but also expands our library, as these molecules are looped back into Celgene’s library.

Our work in addressing specific diseases includes:

**Malaria:** As part of our partnership with the Medicines for Malaria Venture, we have identified three chemical series that are active against liver and blood stages of the disease.

**Helminthic diseases such as elephantiasis and river blindness:** In partnership with the Drugs for Neglected Diseases initiative (DNDi), we have identified compounds that are effective in killing adult worms selectively in animal models.

**FIVE-YEAR OUTLOOK AND GOALS**

Over the next five years, CGH is working toward reaching several milestones, including:

**Three to five new drug candidates**

**Two to three Phase III/regulatory approvals**

**Other neglected diseases:** Celgene is developing CC-11050, a PDE4 inhibitor that may be a promising candidate for host-directed therapy of patients with pulmonary TB. We initiated and completed a safety study of CC-11050 in immune-reactivation syndrome at the National Institute of Allergy and Infectious Diseases.
FINDING SOLUTIONS FOR THE DISEASES OF THE DEVELOPING WORLD

North America

Europe

Africa

Asia

Australia

- Product Development Partnerships (PDPs)
- Public/Private Funding Organizations
- Academic Institutions
- Contract Research Organizations (CROs)
- Pharma Industry Partners

FINDING SOLUTIONS FOR THE DISEASES OF THE DEVELOPING WORLD

- Tuberculosis
- Malaria
- Leishmaniasis
- Chagas Disease
- Helminth Disease
- Wolbachia
- Ebola
- Kaposi Sarcoma
- Leprosy
Putting patients first is only possible because of the commitment of Celgene’s approximately 7,000 employees. From Celgene researchers to Celgene Patient Support Specialists, our employees are dedicated to pursuing our purpose every day and focused on the single mission of delivering innovative therapies to patients with unmet medical needs for the treatment of cancer and other severe immune-inflammatory conditions.
Celgene is building a preeminent global biopharmaceutical company focused on the discovery, development and commercialization of innovative therapies for patients with cancer, immune-inflammatory, and other unmet medical needs.

**VALUES**

- Passion for the **patient**
- Courage to face our challenges and the unknown
- Trust in our words and our actions
- Excellence in delivering exceptional results
- Curiosity and continuous learning

**BEHAVIORS**

- We assume the best of each other
- We embrace diversity and promote inclusion
- We act with integrity and treat everyone with dignity and respect
- We communicate transparently and debate openly
- We pursue disruptive and innovative solutions for **patients**

**PURPOSE**

Changing the course of human health through bold pursuits in science, and a promise to always put **patients** first.
OUR CULTURE AND VALUES

Celgene’s culture inspires us to do our best work, deliver exceptional results and achieve our purpose. Our high-performance culture fosters a strong spirit of cooperation and collaboration to advance the discovery, development and commercialization of our products.

Our Values and Behaviors live vibrantly at Celgene, guiding how we work, the decisions we make and the results we achieve. Celgene employees are bold at work—and in life—and are rewarded through equitable compensation, opportunities for increased reward and stock ownership.

Our managers are coaches, helping employees to leverage their strengths and inspiring them to be passionate about their role and contribution to our mission.

Because every individual at Celgene matters, we are committed to planning, acquiring, developing and performing by preparing our employees for both the present and future. Celgene is dedicated to hiring the best people, unleashing every employee's potential, fostering a culture of curiosity and continuous learning, and energizing a culture of high performance and innovation. The result is a workforce that keeps the patient at the forefront of all we do.

Our culture is celebrated worldwide, including by our French affiliate, shown here.
As unique and diverse as Celgene employees are, there’s one thing that unites them: their commitment to discover, develop and market innovative therapies that make a measurable difference in the lives of patients.

Our employees strive to be in the right place, at the right time, doing the right things, to build on our scientific and commercial achievements and secure patient access to our innovative therapies.

DIVERSITY AND INCLUSION

At Celgene we assume the best in others and recognize the value of diverse points of view as we work to do what’s best for patients and for Celgene. We honor the contribution that each employee makes, and recognize that differences in life experiences, cultural backgrounds, and work and life styles add value to our business and unite us as a company. Only by appreciating the talents, backgrounds and diverse perspectives of each employee can we do our best work in honor of the patients we serve.

We also understand the importance of appreciating the uniqueness of each individual and supporting diversity within the communities in which our employees reside and where Celgene does business. A culturally sensitive and diverse workforce is better able to serve our customers’ needs and generate the wealth of ideas that are vital to innovation and growth.

KARA ERRINGTON, Associate Director, Strategic Sourcing at Celgene, was diagnosed with psoriasis and treated with OTEZLA®.
In 2017, we recommitted to our Values, adding “We embrace diversity and promote inclusion” to our Behaviors and “Curiosity and continuous learning” to our Values. Adding these elements was essential to codifying our cultural strengths and recognizing that we will continue to focus on their importance to our success.

Women comprise 53.6 percent of our global workforce and received 52.3 percent of all promotions as of December 31, 2016. Celgene has been a partner of the Healthcare Businesswomen’s Association (HBA) since 2006 and annually recognizes our HBA Rising Stars within the organization, providing visibility organization-wide to the talent and accomplishments of our female employees. Minority employees make up 33.5 percent of our US workforce and received 36 percent of all promotions in the United States. Celgene’s global workforce includes employees in 39 countries.

As a result of our diversity and inclusion–focused initiatives, our Human Rights Campaign Corporate Equality Index score—which rates American workplaces on lesbian, gay, bisexual and transgender equality—increased from 70 in 2016 to 75 in 2017. We continue to work to improve diversity and inclusion throughout Celgene.
Celgene has been fortunate to attract employees of the highest caliber. Here’s a look at today’s Celgene employees:

Celgene people love to learn:

>70%

of Celgene employees are college graduates and half of those employees hold post-graduate degrees (master’s, PhDs, MDs, Pharm.D.s, other post-graduate degrees or their equivalent)

Celgene is heavily focused on medical innovation and patient care:

>30%

of global employees are engaged in science

>40%

of global employees are directly involved in bringing health care solutions to patients

Celgene’s population is young in tenure yet still infused with the spirit of our founders:

29.6%

of global employees have been with Celgene fewer than 2 years

36.6%

of global employees have been with Celgene 2–5 years

33.8%

of global employees have been with Celgene 6 years or more

The majority of global employees engaged in science hold post-graduate degrees:

>50%

hold post-graduate degrees
EMPLOYEE ENGAGEMENT SURVEYS

Our most recent employee engagement survey, conducted in 2015, shows a highly engaged, involved and effective workforce:

IBM Kenexa, which conducted the survey, noted that these are some of the highest scores in the industry, and reported that “Celgene demonstrates an uncanny knack for ‘democratizing’ engagement, empowerment, manager effectiveness, and behavior change across all levels of the organization.”

### WORKFORCE STATISTICS

<table>
<thead>
<tr>
<th></th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workforce</td>
<td>6,366</td>
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<td>Gender</td>
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<tr>
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<td>243</td>
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<td>1,268</td>
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<td>Hires by Region</td>
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<tr>
<td>Americas¹</td>
<td>765</td>
<td>653</td>
<td>527</td>
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<tr>
<td>Europe²</td>
<td>450</td>
<td>511</td>
<td>411</td>
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<tr>
<td>APAC</td>
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<td>Japan</td>
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<td>589</td>
<td>997</td>
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<tr>
<td>Turnover by Region</td>
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</tr>
<tr>
<td>Americas¹</td>
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<td>299</td>
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<tr>
<td>Europe²</td>
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<td>202</td>
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<tr>
<td>Japan</td>
<td>7</td>
<td>21</td>
<td>23</td>
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</tbody>
</table>

1 For 2014 and 2015 data, Americas does not include field based employees in the United States or Canada, nor employees at the Basking Ridge site, the Chicago site, the Seattle site, Brazil or Mexico.
2 For 2014 and 2015 data, Europe includes only the Boudry, Zofingen, Madrid, Sevilla, Paris, London, Munich and Milan sites.
HEALTHCARE BUSINESSWOMEN’S ASSOCIATION RISING STAR

Healthcare Businesswomen’s Association (HBA) Rising Stars are professionals in various sectors of the health care industry, including pharmaceutical, biotechnology, advertising, public relations, medical education and market research. Nominated by the HBA’s Corporate Partners, the Rising Stars have demonstrated noteworthy achievements and proven attention to furthering their careers.

In 2016, Celgene’s Gina Fusaro, PhD, was named a Rising Star. Gina is Celgene’s Executive Director, Global Scientific Communications. Gina was thrilled and humbled to be recognized with the award. “It’s linked to the Celgene Values,” she says. “It’s not just what you do, it’s how you do it.” Her colleagues praise her ability to take complex data and ensure others can understand it. “Gina has the unique ability to beautifully and simply explain a complex concept to a diverse group of people who can then take the concept to their own work functions,” says one.

The word “team” also comes up frequently when discussing Gina. “When I think of Gina, I think of the word selfless,” said a co-worker. “She’s the ultimate team player.”

JOHN W. JACKSON AWARD WINNER

The John W. Jackson Award is the highest individual recognition bestowed by Celgene. It recognizes Celgene leaders who have demonstrated leadership qualities upon which the foundation of Celgene was built and whose work has had significant positive impact on the contributions that support our global corporate objectives and commitment to improve the lives of patients.

The 2016 John W. Jackson Award was presented to Dr. Philip Chamberlain. Philip is Head of Structural and Chemical Biology.
and is based in San Diego, California. He has been with Celgene for ten years and leads a team of scientists who have worked to uncover the mechanism of action by which Immunomodulatory drugs (IMiDs) and Cel Mods exert their biologic effect. Their insights into the relationships between structure and function gained thus far have not only led to a deeper appreciation of how the current generation of IMiDs actually work, but also fundamentally enable Celgene scientists to better harness this novel mechanism of action (protein homeostasis) for discovering additional transformative therapies to benefit patients. The groundbreaking work of Philip’s team has been published in the peer-reviewed journal Nature.

Philip’s colleagues are unanimous in their praise, with one noting that, “If there ever was someone who epitomizes the humility, the intensity, the intellectualism, and just the put-your-head-down-and-get-stuff-done nature of work, it’s Phil Chamberlain.”

EMPLOYEE SAFETY

Celgene is dedicated to providing a safe, healthy and environmentally responsible workplace for employees, contractors and visitors. This dedication begins with a commitment to establishing a best-in-class Environmental Health and Safety (EHS) Management System. Our EHS Management System establishes the framework for extending our “Passion for the Patient” to our workforce and the environment. It empowers Celgene sites and holds them accountable to operate in a healthy, safe, compliant and environmentally responsible manner.

The Celgene EHS Management System is supported by four EHS Policies, including Environmental Health and Safety Policy and EHS Directives, which are detailed in the EHS Guidebook. Included are EHS Directives that cover a wide range of safety, health and environmental requirements that apply to all Celgene and affiliate locations.

Celgene’s internal Global EHS Audit Team monitors compliance with EHS Directives and local and country regulations or requirements. Established in 2015, this team audits Celgene manufacturing and research sites based on operational risk. These sites also perform internal inspections to proactively identify and mitigate hazards.

Shown here is a summary of three years of global safety metrics. We continue to identify and mitigate injury and illness risks wherever they may be found as part of our ongoing and consistent approach to safety.

<table>
<thead>
<tr>
<th></th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>Industry Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Injury and illness rate</td>
<td>0.56</td>
<td>0.2</td>
<td>0.44</td>
<td>1.1</td>
</tr>
<tr>
<td>Lost day case rate</td>
<td>0.14</td>
<td>0.03</td>
<td>0.15</td>
<td>0.3</td>
</tr>
<tr>
<td>Occupational disease rate</td>
<td>0.02</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>Fatalities</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Celgene employees enjoy a high level of benefits—befitting our most important resource. These benefits include opportunities for professional development and a wide range of wellness options.

CONTINUOUS LEARNING AND PROFESSIONAL DEVELOPMENT

At Celgene, every employee matters, and our culture of high performance and engagement is enabled by skilled managers. We’re committed to the professional development of employees, and empower them to unleash their potential through challenging work assignments, learning opportunities and exposure to all levels of leadership. We equip individuals and teams with robust tools and training that help them meet the changing demands of work and support their curiosity and desire for continuous learning as they achieve their personal and professional goals.

These long-standing principles guide our employee development efforts:

- Development opportunities are designed to recognize and enhance individuals’ strengths and passions while aligning to very real business needs and priorities.
- Manager effectiveness is defined by leaders who are skilled at coaching and providing feedback that promotes individual performance and supports developmental growth.
- Development occurs along a spectrum of experiences, ranging from on-the-job training to attending external professional conferences, throughout one’s career across the company.
- Eligible employees receive tuition reimbursement and are encouraged to attend courses of study that augment and enhance their technical skills, knowledge and value creation in their roles.
The Celgene Values and Leadership Success Behaviors serve as guideposts for acceptable behavior required to achieve our vision, mission and purpose. In addition to formal leadership development programs, there are numerous tools available to help employees envision and plan for rewarding careers at Celgene. Our global technology platform empowers employees to make their talents known by consolidating their experiences and career aspirations in one easily accessible place. This leads to better employee and manager career discussions, allowing us to match talent with the experiences and career opportunities that correspond to employees’ strengths, aspirations and passion and business needs.

**IGNITE: HELPING IDEAS GROW INTO SOLUTIONS**

In 2017, Celgene launched an “ideas management platform” called Ignite that enables colleagues to propose challenges to their team or organization to solve a key business issue. The platform is a collaboration space to harness and share intellectual capital of colleagues through crowdsourcing. Ignite leverages our unique culture, in particular our value of Curiosity and Continuous Learning. The platform invites all Celgene leaders to share their ideas for leading with Celgene’s culture, values and behaviors. These can include practical suggestions for other leaders on how to support Curiosity and Continuous Learning across their teams and advance Celgene’s culture, values and behaviors. Using Ignite, we hope to ensure that culture remains a driver of Celgene’s future success.

**CELGENE NAMED A TOP EMPLOYER BY SCIENCE MAGAZINE**

In 2016, Celgene was ranked #17 in Science magazine’s Top Employers Survey of the 20 companies with the best reputations as employers. The company’s top three driving characteristics were “Has loyal employees,” “Work culture values aligned” and “Is socially responsible.”

**SANDY WYSZKOWSKI,** from Corporate Communications, in Celgene’s employee community garden.
PAID PARENTAL LEAVE BENEFIT

Becoming a new parent is a life-changing event. To support new parent relationships and to assist with balancing work and family, Celgene provides eligible employees with up to six weeks of paid time off to care for a newly born infant or new adopted or foster child. The amount of the benefit is 100 percent of the employee’s base salary, determined by the employee’s regularly scheduled hours of work. If both parents work at Celgene and meet the eligibility requirements, both employees are eligible for the benefit.

WELLNESS OPTIONS

Celgene’s investment in employees extends to their health and well-being. That’s why Celgene offers a number of healthy living programs, services and educational opportunities. These opportunities include healthy food and exercise programs, and health programs.

Healthy Food and Exercise Programs in the United States

- All US benefits-eligible employees may take advantage of robust programs that support employees’ and their families’ health, from preventive care to clinical support for chronic medical conditions. Each year, the Benefits and Wellness teams provide an array of webinars, sharing information on various health-related topics such as healthy heart programs, stress reduction and fitting in fitness.
- Health club reimbursement is available to eligible employees in the United States and Europe. Fitness centers and group fitness classes are available at certain Celgene facilities, and certified fitness professionals are on staff at certain US Celgene facilities.
- Healthy food alternatives are provided in workspaces and at meetings where Celgene extends cafeteria services.
- We provide support for soccer, softball and other teams of employees that participate in local and community sporting leagues.
- On-site educational tables at select US locations cover topics such as anti-inflammatory diet, healthy eating on-the-go, and “ask the exercise specialist.”

GOLD STANDARD ACCREDITATION BY THE CEO ROUNDTABLE ON CANCER

We’re proud to be accredited as a global CEO Cancer Gold Standard™ organization. This accreditation recognizes the company’s worldwide commitment to reducing cancer risk by promoting healthy lifestyle choices, encouraging early detection through cancer screenings, and ensuring broad access to innovative cancer therapies that are extending lives, improving quality of life and increasing productivity for employees and their family members around the globe.

- There are on-site nurse practitioners at select US locations.
- We host health fairs at which employees can take advantage of free health services such as screenings for biometric wellness including blood pressure and cholesterol, bone density, and sun damage.
Helping Celgene Employees Stay Fit

Celgene now has two fully equipped fitness centers at our Summit, NJ locations. The new center at Summit East includes 24/7 access for all employees; certified trainers available from 7 a.m. to 7 p.m., Monday–Friday. There are also new dumbbells, barbells, free weights, Olympic benches, cables and pulleys; and a unique and customizable Queenax bodyweight training system. It joins our existing 10,000-square-foot, state-of-the-art Summit West fitness facility, which is also open 24/7. Additionally, employees receive $400 annually toward joining a gym of their choice outside of Celgene.

Fitness center for employees in Summit, NJ.
Celgene Boudry, Switzerland

Each year, Celgene’s Boudry, Switzerland International Headquarters offers an on-site health fair that addresses health and wellness topics and has blood pressure, healthy eye, cholesterol and balance checks. Informational sessions are presented by our Employee Assistance Program provider to address stress reduction, benefits of healthy eating, smoking cessation and general program information.

On a weekly basis, the Boudry infirmary is staffed by an occupational nurse and a doctor providing preventive medical checks, promoting good occupational health for Celgene employees, supporting absence management and occupational rehabilitation, and providing assistance and knowledge of the mandatory system and insurances.

Celgene United Kingdom

Health and wellness is addressed in the United Kingdom & Ireland Affiliate through monthly visits to Stockley Park with our Occupational Health partners at Managed Occupational Health (MOH). The focus of these visits is on optimal personal health and guidance around having a healthy work/life balance. There is the opportunity to book a private appointment with a doctor from MOH to discuss any personal health concerns, and for those employees who are not based at Stockley Park, this can be via telephone or Skype. We also offer all our employees an annual flu vaccination, either via a nurse attending our office or by providing a voucher which can be used at a national chain of pharmacies in both the United Kingdom and Ireland. We also participate in national campaigns, such as Breast and Prostate Cancer Awareness months.

We encourage healthy eating options in our cafeteria, with a monthly focus on a particular theme, and we also provide free fruit daily. Soups are homemade, and there are always a range of healthy smoothies made fresh-to-order. In addition to giving up to £450 per annum per employee toward any personal fitness activity of their choice, we also invite health practitioners to our head office to offer a range of complimentary services such as yoga classes.

Finally, we have a choir—Celgene Voices—that meets weekly and is conducted and trained by a brilliant musician. This gives us great camaraderie and the opportunity to meet new people in the office, and lifts us all when Celgene Voices sing at events such as the holiday party.
We see the communities where we work and live as extensions of Celgene and are committed to creating a positive impact in each one. We’re proud that our people devote countless hours to volunteering in support of activities and events in their communities.

**CELGENE COMMUNITY INITIATIVES**

Celgene supports numerous signature events each year, including three fundraising events for which Celgene provides corporate matching of employee contributions.

**Light The Night® Walk** is a fundraising campaign benefiting the Leukemia & Lymphoma Society (LLS) and its funding of research to find blood cancer cures. Celgene employees come together with friends, family, and co-workers to form fundraising walk teams. Participation in and support of the Light The Night® Walk helps to unify the company and focus our philanthropic efforts on a common initiative. During the 2016 event, 1,028 people walked on 63 Celgene

---

**#1**

Our ranking as the Leukemia & Lymphoma Society biopharma partner for Light The Night® Walk
teams. Our total contribution to the Light The Night Campaign was $627,626, with Celgene once again named the #1 biopharma partner fundraiser for LLS.

**PurpleStride** is a signature event of the Pancreatic Cancer Action Network (PCAN), a nationwide network of people dedicated to working together to advance research, support patients and create hope for those affected by pancreatic cancer. Celgene was the first National Presenting Sponsor of PurpleStride events and is currently PCAN’s largest corporate contributor. In 2016, more than 160 Celgene employees participated in 57 PurpleStride runs/walks.

**Team NPF Cycle:** In 2014, the National Psoriasis Foundation (NPF) launched its Team NPF Cycle program, which raises money to provide people with psoriatic disease the services they need to live well, while also funding research for a cure. In 2017, the Celgene team more than doubled in size, with riders braving the rain and chilly temperatures to participate in this annual event.

Following are additional examples of community initiatives and projects that our employees have participated in and supported with their time and energy.
AT LONG LAST, FINISHING A 200-MILE JOURNEY TOWARD A CURE

In 2007, Eric Gelber began running to raise funds for the Multiple Myeloma Research Foundation and to honor a close friend who had succumbed to the disease. Gelber, a long-time multiple myeloma (MM) advocate, married father of three and ultra-marathon runner, has run hundreds of miles since then, including a 155-mile nonstop run in the Catskill Mountains, a 135-mile nonstop run from Death Valley to Mt. Whitney in California, and a 48-hour run in New York City’s Central Park.

In 2016, Eric succeeded in his third and final attempt at the 200-mile Journey Towards a Cure—33 consecutive laps around Central Park. His effort has been made into an inspiring documentary called 200 Miles that debuted at the Tribeca Film Festival in 2017 and is available for viewing on YouTube. The film not only documents the challenges, heartaches and triumphs of Eric’s run, but also follows the stories of several MM patients whose lives have been touched by Eric’s personal dedication to supporting efforts to find a cure for the disease.

Celgene has been a major supporter of Eric’s mission over the past years, including through the participation of many employees. Several Celgene employees joined Eric for portions of his Central Park run, and many more donated to this noble cause.
EARTH DAY CELEBRATION

Celgene held its fourth annual Earth Day event in Summit, NJ, hosting numerous exhibitors, including environmental organizations, arboretums, museums/zooos, county/town park commissions and eco-oriented companies. Over 200 Celgene employees attended both days of the event. Employees were also invited to enter a photography contest, bring their bicycles for tune-up and recycle old sneakers.

GIFT FOR SUMMIT COMMUNITY CENTER RENOVATION

The Summit Community Center has served generations of Summit residents since 1954. But the 60+ year-old facility, which is adjacent to Celgene’s US headquarters, was showing its age when the Summit Council unanimously supported a proposal to renovate and expand the center. A significant corporate contribution from Celgene enabled the Summit Community Center Renovation and Expansion Project to meet its $1.2 million private financing goal.

At completion, improvements to the Community Center will include an 11,600-square-foot addition to the existing 8,000-square-foot facility, featuring a new full-sized gym, a lounge for seniors, additional restrooms, enhanced meeting spaces, a teens area, kitchen space, improved parking and accessibility improvements.

Celgene’s contribution will help create the Celgene Senior Lounge, an area where senior citizens can congregate and relax in a living-room setting. The lounge will include a gas fireplace, television, coffee bar, sitting area, card tables and program space. It will also include an office space for the senior program coordinator, senior social worker and senior nurse.

“Celgene is an outstanding neighbor and friend of Summit,” said Summit Mayor Nora Radest. “Your very generous contribution will enable us to commence with the community center building project and create a gathering place that best meets the needs of our growing, vibrant city, particularly the needs of our senior citizens.”
SPONSORSHIP OF CONGRESSIONAL AWARD CEREMONY FOR YOUNG NEW JERSEYANS

In June 2017, members of Congress honored 12 young New Jersey leaders with the Congressional Award at the New Jersey Statewide Ceremony. The annual event took place at Bergen Community College’s Ciccone Theatre in Paramus, NJ.

The Congressional Award is the US Congress’ only charity and the highest honor bestowed upon a young person through the Senate and House. Established by Congress as a public-private partnership in 1979 under Public Law 96-114, the program encourages and recognizes initiative, service and achievement in youth ages 14 to 23.

Celgene once again served as the event sponsor, reaffirming our commitment to youth development in the Garden State. “Celgene has been honored to sponsor The Congressional Award in New Jersey, and we are proud of the young men and women in New Jersey who have worked so hard to receive these awards,” said Rich Bagger, Executive Vice President of Corporate Affairs and Market Access. “The countless hours of public service that have been performed not only benefit the community and deserving organizations, but also contribute to the personal development of the award winners.”

CELGENE DONATION HELPS SUMMIT FIRE DEPARTMENT LAUNCH SPECIAL OPERATIONS UNIT

Fire departments today need to be able to deal with chemical spills, gas leaks and other situations involving hazardous materials. They must also be able to conduct confined space, trench or high-angle rescues that involve the use of ropes and rappelling techniques. The City of Summit, NJ, Fire Department recently formed a Special Operations division encompassing the specialty disciplines of hazardous materials response and technical rescue.

Celgene was proud to donate multiple vehicles and technical rescue equipment for the Special Operations division. Our donation will help ensure that, if the need arises, the Summit Fire Department will be able to respond in an efficient and effective way to the entire Summit community.

“We are extremely pleased to launch the Special Operations unit and provide additional service and support for Summit’s residential and business community,” said Summit Fire Chief Eric Evers. “Our firefighters are trained to provide expert response in the most challenging situations. With a Special Operations unit, we now have the advanced skills and tools to best mitigate any of these possible hazards.”
BRING YOUR CHILD TO WORK DAY

In April of 2017, 488 children joined their parents at Celgene to learn more about what they do and where they work as part of Bring Your Child to Work Day. Children ages 6–15 used the lab space and participated in several “experiments”—including DNA extraction and tablet compression—and experienced a mock clinical trial. The children also collected and donated over 400 pounds of food for the Community Food Bank of New Jersey and wrote greeting cards to US veterans, which were distributed through the assistance of the American Red Cross.

STUDENTS 2 SCIENCE: PROVIDING HANDS-ON HELP WITH STEM SUBJECTS

For the past six years, Celgene’s Product Development organization has been supporting Students 2 Science (S2S), a model New Jersey program focused on STEM subjects. Our support has come primarily in the form of Celgene employee volunteers who staff the S2S Technology Center and guide students through experiments in a real laboratory setting. Celgene also makes an annual financial donation to the program.

The S2S program is held during the school year. Typically, Celgene employees staff the program’s experimental lab for six sessions each year. Approximately 10 Celgene employees volunteer for a full day to staff each of those sessions. The volunteers act as mentors and lab assistants to motivate and guide the students through experiments assigned by S2S. Our goal: to help S2S fulfill its mission to inspire, motivate and educate elementary, middle and high school students to pursue careers in science, technology, engineering and math.
COMMUNITY HEALTH CHARITIES

Community Health Charities works with the nation’s most reputable health organizations to provide patient support, research dollars and educational programs for a number of chronic diseases and disabilities. In this way, Community Health Charities shares our goals and values, including its belief that what we do matters in the world—particularly to the patients who benefit from our efforts and support.

Celgene provides employees the opportunity to contribute through a payroll deduction to the causes and charities that mean the most to them through Community Health Charities. Employees can choose a charity that is local and unique to their area or one that is nationally recognized. Community Health Charities annually reviews its member charities to ensure financial accountability, so employees can be confident their gift is supporting a credible nonprofit organization.

INTERNATIONAL FEDERATION OF PSORIASIS ASSOCIATIONS SOLIDARITY FUND

Thanks to donations generated by Celgene initiatives in 2016, member organizations of the International Federation of Psoriasis Associations (IFPA) in Greece and Kenya are bringing hope to psoriasis patients in their countries. IFPA unites psoriasis and psoriatic disease organizations around the world to improve living conditions for patients, raise awareness of psoriasis and psoriatic arthritis, engage with key stakeholders and empower individual country organizations. Celgene launched its IFPA Solidarity Fund contributions during the 2016 European Academy of Dermatology and Venerology (EADV) Congress in Vienna.

MULTIPLE MYELOMA RIDE FROM LONDON TO PARIS

During this event, Myeloma UK supporters cycle 500 kilometers (311 miles) from London to Paris in four days to raise funds for crucial myeloma research. Research is critically important because myeloma is a complex cancer with no known cure. It’s also relapsing and remitting, which means many patients are in desperate need of that next treatment. Myeloma UK works to accelerate the discovery and development of effective treatments, and ultimately, to find a cure for myeloma. Celgene’s support enabled employees to ride in the Myeloma UK London Paris Ride 2017.

The Myeloma UK London Paris Ride.
TRAINING THE LONG-TERM UNEMPLOYED IN SWITZERLAND

In Boudry, Switzerland, a Celgene employee initiated and led a collaborative project to help long-term unemployed people, who no longer receive unemployment payments, to find their way back to work. The initiative helps biopharmaceutical companies find specialized blue-collar workers by training selected unemployed people to become pharmaceutical operators. Working closely with leaders and colleagues from Celgene manufacturing, the employee collaborated with six other companies to interview and select the candidates, provide two months of practical education and offer jobs to candidates who successfully graduated from the program. The local unemployment office funded the project and provided a location for the training.

To date, 14 unemployed people were selected for the program based on their motivation and attitude. Twelve of them completed the program successfully, and most were immediately hired by one of the participating companies. Celgene hired four of the program graduates.

CELGENE NETHERLANDS

Carbon Offsetting Through Clean Cookstoves

In the Netherlands, we’re working with the Climate Neutral Group to compensate for the CO₂ emissions from business flights. This compensation is made through investments in clean cookstoves in Kenya. This not only reduces CO₂ emissions in Kenya, but also adds to the health and quality of life of the Kenyan people involved in this project. In 2016, Celgene Netherlands compensated 413 metric tons of CO₂ equivalents by investing in more than 145 cooking stoves.

Fruit Baskets for Good

Every week, baskets of fresh fruits are delivered to the Netherlands office, reflecting our commitment to the well-being of employees. The office chose a specific supplier for this service: Fruitful Office. This Dutch company has a strong social commitment: they employ several young people who suffer from chronic diseases and would normally have a difficult time finding a job. With the experience they gain at Fruitful Office, these youth are able to build a stronger résumé and increase their chances of finding work in the future. Additionally, Fruitful Office plants one fruit tree in Malawi for every fruit basket that is delivered to a customer in the Netherlands. With this, they support poor families in Malawi with fresh fruits, and in some cases, a source of income through the fruits of the trees.
Volunteering to Help Elderly People with Dementia

With input from employees, Celgene Netherlands has also launched a three-year partnership with the King Arthur Group, which organizes small-scale support and activities for elderly people in several locations around Utrecht, where Celgene Netherlands is based. King Arthur Group focuses on the unmet needs of people with dementia, their family members and informal caregivers.

King Arthur Group identifies several projects and events each year that need volunteer support. At the start of the year, Celgene Netherlands employees can sign up for a project—which might entail baking treats or attending a holiday concert—and participate as a volunteer. Celgene Netherlands supports this participation by giving the employees one day off to volunteer.

PEACE MARATHON IN SLOVAKIA

For the fourth year, a Celgene team ran the 93rd International Peace Marathon in Košice, Slovakia to express their support for patients suffering from multiple myeloma. The team, whose slogan is “Multiple myeloma never gives up. Neither do we!”, ran alongside doctors, health care professionals, patients and their family members. While some of the participants were endurance runners and internationally known athletes, most were amateurs who came out to support this worthwhile campaign.
Celgene Poland supports a number of educational and scientific projects for the benefit of Polish patients and specifically the Polish hematology community. These efforts include:

**The Young Hematologists Club (YHC),** which was founded in 2010. Every year Celgene Poland supports YHC educational projects helping young, dynamic doctors and scientists bring their own scientific projects to fruition, and gain new expertise and knowledge in hematology.

**The Polish Union of Oncology (PUO),** a scientific organization that rolled out an educational and informational campaign engaging key opinion leaders and media on pancreatic cancer in 2016. The social impact of the campaign was impressive, helping people to understand the background of this severe disease while communicating about diagnostics, possible treatment and pain management.

**Volunteering in Sri Lanka**

Celgene Poland employees were also involved in a volunteer project to help the people of Sri Lanka, which has undergone dramatic upheavals over the last 10 years. The country is taking steps toward reconciliation and healing while rebuilding the community and social structures destroyed by violence and natural disaster, but many small communities still need help and support.

Together with ProjectsAbroad, Celgene Poland workers also raised money and organized a group of employees to travel to Sri Lanka to volunteer there on various projects over a two-week period. The projects, which are ongoing, have four primary goals:

- Build a local school
- Roll out teaching programs for children
- Protect animals in shelters
- Generally support the local community
THE LIGHTS UPON THE MOUNTAIN AWARDS IN JAPAN

Celgene is a sponsor of these awards, which are given to senior leaders in Japan over the age of 75 who remain active in the science and medical community. The awards are presented to those who have contributed to improving health care and service to patients in Japan. The 2017 recipients dedicated themselves in the areas of medical research, community health and public health. Awardees included a researcher who is the pioneer in cancer research in Japan and the oldest midwife, age 93, who is still active at work, offering educational seminars and supporting the community.

CELGENE SOUTH KOREA

Employees from Celgene South Korea developed a matching grant donation to support families suffering from hematological diseases. The office completed the 7 Million Steps Walking Campaign and donated 5 million WON (about $4,500) to the KID & FUTURE Foundation for scholarships for educational support to children struggling with economic difficulties due to a family member’s hematologic cancer. An award was also given to the top walker, Won Kim, and to the most senior employee, Frank Lee.

This is the second year the South Korea team has held a community-oriented volunteering event. The previous year, the team volunteered by painting walls and planting flowers around Bamgol village in Seoul.
We recognize that doing our best work requires our people to be passionate about acquiring new insights and developing new skills. Celgene fosters a culture that enables and rewards continuous learning and development, within and beyond areas of current expertise. Our passion for learning extends to our employees and our community.

In collaboration with the Rutgers Pharmaceutical Industry Fellowship (RPIF) program, Celgene currently hosts 10 post-graduate Pharm.D. Fellows across seven functional areas, namely Medical Communications, Medical Affairs, Regulatory Affairs, Clinical Research & Development, Project Leadership, Health Economics & Outcomes Research, and Market Insights. Each of our fellowship programs offers a dynamic experience, with rotation through multiple therapeutic areas, functions and/or geographies, allowing flexibility to maximize opportunity for key learnings. Our Fellows gain meaningful experience and exposure to the numerous career possibilities within the pharmaceutical industry. More than 750 postdoctoral Fellows have completed the RPIF program at Celgene and other New Jersey-based pharmaceutical and biopharmaceutical companies, and over 30 alumni of the program are currently employed at Celgene. We are also partnering with Rutgers and other New Jersey-based biopharmaceutical companies to launch a novel industry-based Physician Fellowship program.

Celgene offers a Medical School Gap Year Program (MSGYP). The MSGYP is a one-to-two-year post baccalaureate program for pre-medical students designed to provide training opportunities and meaningful work experiences during the “gap” or “bridge” year(s) before attending medical school. The MSGYP provides highly talented graduates with hands-on clinical development experience, allowing them to increase their competitiveness for admission to top medical programs. Students perform independent work with a dedicated Celgene scientific/medical

More than 750 postdoctoral Fellows have completed the RPIF program at Celgene and other New Jersey–based pharmaceutical and biopharmaceutical companies, and over 30 alumni of the program are currently employed at Celgene.
mentor and are involved in the development and execution of a clinical trial, collaborating with our worldwide teams throughout the stages of the drug development process.

Celgene also provides a unique program aimed at recent college graduates. Our Graduates Engaged in Accelerated Rotations (GEAR) program allows recent college graduates the opportunity to work in a fast-paced environment while developing foundational skills on which to build a career. GEAR rotation employees spend two years rotating through different functional areas at Celgene. A large number of GEAR employees continue their careers at Celgene.

Celgene supports the Sol J. Barer Scholarship in Life Sciences, named after Celgene’s former Chairman and Chief Executive Officer. The award helps students recognized as superior academic performers who are preparing for careers in the life sciences industries. Five scholarships are available through the Independent College Fund of New Jersey.

Celgene is also a four-year member of Change the Equation, a collaboration between education and business that aims to ensure that all students are literate in science, technology, engineering and math (STEM). Change the Equation’s members actively advocate STEM policies and practices across the United States.

In addition, Celgene supports and actively participates in the STEM program at the Governor’s School of New Jersey. This initiative provides funding for workshops, seminars and opportunities within the STEM fields for more than 50 students a year.

Celgene has continued to support the Entrepreneurs in Clinical Academia (ECA) initiative, part of the Federation of Clinical Immunology Societies. ECA offers medical academics in Europe the ability to learn more about the drug development process and to understand the value of innovative research from the laboratory to the marketplace. This course is delivered by INSEAD, a globally renowned business school, and is supported by an educational grant from Celgene.
CORPORATE GIVING

We focus our charitable and philanthropic support on health and social service programs, science education, and local community support. Celgene engages in strategic corporate giving and contributions, which may be made in response to a funding request or proactively at our discretion. In the United States, we support roughly 50 organizations, a sampling of which is listed here in alphabetical order. You’ll find more information about our charitable and philanthropic contributions, as well as the application process for funding requests on www.celgenesponsorshipsanddonations.com.

- American Cancer Society
- American Heart Association
- American Red Cross
- BeautifulSelf Inc.
- City of Summit Department of Community Programs
- Community Hope
- Damon Runyon Cancer Research Foundation
- Dolphins Cycling Challenge, Inc.
- Gilda’s Club New York City
- Good Grief
- Herbert Irving Comprehensive Cancer Center-Columbia University
- Independent College Fund of New Jersey
- International Myeloma Foundation
- Liberty Science Center
- Research & Development Council of New Jersey STEM Scholars Program
- Rutgers University Foundation
- Student/Partner Alliance
- The Leukemia & Lymphoma Society
- The Overlook Foundation
- The Pink Fund
- The Rockefeller University
- Wills Eye Foundation, Inc.

CORPORATE GIVING IN THE UK

In the United Kingdom, we provide charitable support for the following charities:

- ACLT – African Caribbean Leukemia Trust
- Arthritis Care
- Bloodwise
- Breast Cancer Care
- Cancer 52
- Europacolon UK
- Leukemia Care
- Lymphoma Association
- Myeloma UK
- National Rheumatoid Arthritis UK
- Pancreatic Cancer Action
- Pancreatic Cancer UK
- Psoriasis Association
- Rarer Cancers Foundation
- UK MDS Forum
- UK MDS Patient Support Group
- World Child Cancer
Celgene strives to have a positive impact on the health of the planet through environmental stewardship and resource conservation. Our actions and business operations have the potential to affect people, communities and the environment, not just today but well into the future. At Celgene, we strive to be a positive force to help shape a sustainable future for the generations to come.
Given our respect for our environment, it’s critical that we grow responsibly and with the goal of long-term sustainability. We employ sound decision-making that reflects our values, and seek to mitigate our operational impacts on the environment.

To advance Celgene’s commitment to long-term sustainability, we seek opportunities to minimize our global carbon footprint, develop programs that reduce waste, implement water and energy conservation practices, and meet or exceed performance requirements for environmental regulatory compliance standards in all facilities.

In 2016, Celgene’s Sustainability Committee identified four actionable and measurable environmental goals that are of significance to Celgene and for which new 2020 improvement targets were set: greenhouse gas (GHG) emissions, electricity sourcing, water withdrawal, and waste generation. From 2012–2015, Celgene achieved significant environmental performance improvements on these issues, and we believe these new goals will continue to drive us forward over the years to come. Using 2015 as a baseline, the targets for 2020 are shown here.

Throughout this section, we provide updates on our progress for each of these targets during 2016.

<table>
<thead>
<tr>
<th>Target Area</th>
<th>2020 Target</th>
<th>2015 Quantity</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct + Indirect Greenhouse Gas Emissions</td>
<td>Reduce emissions from our facilities and emissions from purchased electricity by 20%</td>
<td>24,947</td>
<td>metric tons</td>
</tr>
<tr>
<td>Purchasing of Renewable Electricity</td>
<td>Increase purchasing of electricity derived from certified renewable energy sources by 15%</td>
<td>28,217</td>
<td>MWh</td>
</tr>
<tr>
<td>Total Water Withdrawal</td>
<td>Decrease water withdrawal by 10%</td>
<td>396,590</td>
<td>m³</td>
</tr>
<tr>
<td>Solid Waste Generation</td>
<td>Decrease solid waste (non-hazardous trash) generation by 10%</td>
<td>1,372</td>
<td>tons</td>
</tr>
</tbody>
</table>
Celgene’s environmental management approach incorporates best practices and programs related to energy, water, waste, and transportation within our company. Our approach includes:

- Researching and implementing projects to reduce environmental impacts that generate measurable and meaningful results
- Realizing risks and opportunities related to climate change
- Educating and motivating our employees to participate in environmental stewardship plans
- Reporting and disclosing the company’s environmental performance and progress

Celgene is encouraging employee participation and enhancing education with the goal of reducing the company’s carbon footprint. We have outlined accounting and measurement strategies in Celgene’s Carbon Management Inventory Management Plan and include references from the World Resources Institute Greenhouse Gas Protocol, the Climate Registry, the US Environmental Protection Agency (EPA), Climate Leaders Greenhouse Gas Inventory Protocols, and the World Business Council for Sustainability Development’s Global Water Tool.

**CARBON FOOTPRINT**

Celgene’s carbon footprint assessment includes Scope 1 activities from directly controlled or owned sources (stationary combustion, mobile combustion, refrigeration, fire suppression, and laboratory chemical use); Scope 2 activities from purchased electricity and steam; and selected Scope 3 activities from business travel, waste disposal, and employee commuting. Methods for determining the resultant carbon footprint conform to the Climate Registry’s General Reporting Protocol and the World Resource Institute’s Greenhouse Gas Protocol.

In 2016, Celgene’s emissions from Scope 1 and 2 totaled 32,076 metric tons of CO₂e, representing an increase in both absolute emissions and normalized emissions when compared (or normalized) to the area of occupancy of our numerous facilities. We primarily attribute the increase to our first full-year of ownership and accounting for an 88-acre office and research campus in Summit, NJ acquired in late 2015. This campus was responsible for the greatest amount of resource consumption of all Celgene facilities in 2016. However, our operational and facility-related plans for
the coming years include energy-efficiency projects that aim to mitigate this increase and achieve our emissions generation goal.

**Employee Commuting and Travel**

Employee commuting is a large source of emissions related to transportation. To reduce commuting emissions and decrease fossil fuel consumption, we provide electric and hybrid vehicle charging stations for use by employees. By the end of 2016, there were 16 stations at Celgene facilities that were utilized 3,036 times, a rate of 253 sessions per month on average. The charging station program has now logged a total of 9,248 sessions since the program’s inception in 2011.

Celgene’s carpooling program has continued at its New Jersey facilities with participation varying between 15 and 20 active groups in 2016 due to changes in departmental locations throughout the year. Like the charging station program, this initiative is aimed at reducing traveling emissions while providing carpool groups a monthly monetary incentive and overall decrease in commuting expenses.

Celgene has consolidated its facilities in New Jersey to be in close proximity to the local mass transportation hub in Summit, and provides free shuttle transportation for employees between its facilities and the hub. Employees have the option of using company-provided shuttle services that run daily at varying intervals. It is the aim of this shuttle service to increase mass transportation use for employees who may have longer commutes, thereby further decreasing emissions attributed to employee commuting.

The Boudry facility also has shuttle service for its personnel who use mass transit at the train stations located at Neuchatel and Yverdon-les-Bains. Personnel at the Boudry facility also have the option of participating in a carpooling/ride-share program.

In 2017, Celgene implemented Cisco TelePresence technology at 10 global offices.
TelePresence is comparable to a very advanced version of Skype. The picture and sound are so clear, it feels like the person you’re meeting with is right in the room with you—not thousands of miles away. The objective of this technology is to enable employees to be more productive by making it easier to connect and collaborate with colleagues and to reduce air travel, saving employees time and reducing the company’s greenhouse gas emissions.

**ENERGY**

Celgene invests in technologies that represent the forefront of modern advancements in efficient energy consumption for our various operations around the world. Our approach includes purchasing efficient lighting and making infrastructure upgrades and replacements that minimize our direct energy consumption. Indirectly, Celgene facilities continue to purchase electricity that is derived from certified renewable energy sources.

2016 was the first year that we achieved more than 50% of our electricity use through certified renewable sources.
REDUCING ENERGY CONSUMPTION AND CARBON FOOTPRINT

Highlights of Celgene’s efforts to reduce its energy consumption and carbon footprint:

- Cisco TelePresence technology was launched to enable collaboration across the globe while reducing the need for air travel.
- At the Boudry facility, electricity purchases from certified renewable energy sources increased from 52 MWh in 2015 to 5,300 MWh in 2016.
- Corporate-wide, purchasing of certified electricity from renewable sources increased by 154% from 2015 to 2016.
- A significant quantity of fluorescent lights was replaced with LED lighting fixtures at our San Diego facility.
- Additional hybrid and electric vehicle charging stations were installed for our facilities departments and employees to use.

The new TelePresence system, reducing the need for air and other travel.
WATER

Water is used for a variety of purposes within Celgene operations, especially in R&D experimentation, laboratory processes, and manufacturing of therapies, as well as personal consumption, facility cooling operations, and cleaning and maintenance operations. Celgene has consistently sought opportunities to reduce water use in these processes and, with further availability of efficient and cost-effective technology, to reuse and recycle non-potable water in other consumptive facility processes where feasible and practical.

Celgene continues to use the World Business Council for Sustainable Development’s Global Water Tool to identify sites in water-stressed regions to consider water-related risks and opportunities, and determine where conservation and management efforts could have the greatest positive impact. This tool has shown that some of Celgene’s operations are in water-stressed regions where there is potential risk for tightening of regulations related to limited water sources. However, the majority of Celgene’s operations require minimal volumes of water and do not significantly affect any water sources during the withdrawal and discharge processes.

In 2016, our total water withdrawal was 534,130 m³, representing an increase in both absolute withdrawal quantity and normalized quantity compared (or normalized) to our occupancy of the numerous facilities. As was the case with Celgene’s increase in emissions, we primarily attribute the increase in water withdrawal to our first full-year of ownership and accounting for an 88-acre office and research campus in Summit, NJ acquired in late 2015. However, our operational and facility-related plans for the coming years include water-efficiency projects that aim to mitigate this increase and achieve our water withdrawal goals.
WASTE AND RECYCLING

Celgene’s research, manufacturing, office, and other activities generate waste in the form of hazardous, non-hazardous, and by-products. Our processes for reducing these physical types of waste aim to improve our environmental and economic bottom line through cost and emissions savings by using alternative forms of waste collection—such as recycling, incineration, and beneficial reuse and disposal.

Celgene R&D laboratories that handle biological materials follow the Centers for Disease Control’s Biosafety Level 2. Solid biological waste is collected as regulated medical waste (RMW) and incinerated through our RMW waste vendor. However, a growing percentage, especially on the West Coast, is treated using an approved, permitted microwave technology to render non-pathogenic and then sent to a municipal waste-to-energy facility in Commerce, CA for beneficial reuse. Waste vendors are pre-approved through the EHS contractor safety program and are subject to Celgene EHS waste vendor audits. All biological waste is disposed of following federal, state and local regulations based on the site’s location.

Recycling streams, which are now available at most Celgene facilities, focus on common waste types, including plastics, paper, and metals. Additional waste diversion has occurred through donation of old or obsolete items from our information technology department, such as computers, printers, and scanners.

Our waste diversion programs have increased over the years, and in 2016 we achieved our highest waste diversion rate of 40.9% of waste to recycling and recovery efforts. While there was a slight increase in absolute trash tonnage in 2016, this tonnage compared (or normalized) to our occupancy actually decreased by 4.4%, showing that we are on track to meet our 2020 goal for trash reduction.
HAZARDOUS WASTE

Celgene continuously takes actions to reduce our waste footprint. It is important to note that while we have increased our R&D and manufacturing activities, proportionally our hazardous waste has decreased year to year. Our goal is to continue this trend with initiatives such as enhanced chemical inventory management systems.

Chemical Inventory Management Initiative

Celgene has succeeded in developing and implementing an industry-leading chemical inventory management system with multiple integration points that enables our scientists and researchers to effectively order chemicals directly via an integration with our purchasing system. In addition, it provides our researchers the ability to look across other Celgene labs for opportunities to leverage existing inventories. This system is designed to yield a more efficient and sustainable chemical management practice by reducing purchased chemical volumes and minimizing hazardous waste generation. Compliance capabilities are also extended considerably by providing real time reports and new chemical alerts based on safety thresholds to EHS personnel.

Working toward improving sustainability:

- **Redundant inventory avoidance in support of sustainable chemistry best practices** — Researchers will now have complete internal chemical inventory visibility, which is expected to considerably reduce redundant purchases of existing chemicals in inventory.
- **Seamless integration with Safety Data Sheet access** — Chemicals will now be automatically associated to their respective Safety Data Sheets, and safety information will be auto-indexed for reporting purposes.
- **EHS compliance reporting and alert notifications** — The system has been designed to alert EHS when critical limits have been reached based on Environmental- and Safety-established thresholds.

Initial rollout was concluded at Celgene sites in Summit and Warren, NJ; Cambridge, MA, Campus Point and Receptos in San Diego, with subsequent rollouts in progress throughout 2017. The goal is to ensure that all our labs have visibility to existing inventories to ensure the most efficient use of our chemical inventories.

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**REGULATED WASTE**

![Graph showing regulated waste from 2014 to 2016]

1. US waste only.
2. Combined total regulated waste is the sum of all RCRA (Resource Conservation and Recovery Act) hazardous waste and non-RCRA waste streams (chemical, universal, radioactive, and biological waste streams).
3. Hazardous waste is all RCRA regulated waste produced at the sites.
4. Non-hazardous waste is all chemical, biological, radioactive, and universal waste not regulated under RCRA.
5. Does not include construction waste, general waste and recycling.
Pharmaceutical Product Stewardship Work Group

Celgene is an active member of the Pharmaceutical Product Stewardship Work Group (PPSWG), a nonprofit organization formed to address regulatory compliance with local take-back ordinances through active member engagement. As a member of PPSWG, Celgene is participating in medicine take-back programs on the West Coast of the United States and in New York State and Massachusetts. PPSWG has established local Med-Project (medication education and disposal) stewardship organizations in eight West Coast counties and one city. The local Med-Projects are in the process of implementing an additional 13 programs, including an opioid take-back program in Massachusetts. The Med-Projects provide collection of unwanted medicines via take-back events, kiosks, and mail-back programs. Additionally, the Med-Projects provide public education around safe disposal of unwanted medicines via brochures, websites, and call centers. Med-Projects provided its unwanted medicines programs for over 5 million people in 2016 and are projecting that number to be over 11 million by the end of 2017.

Celgene has also independently registered with the Cook County, Illinois’ Sheriff’s Office as part of its medicine take-back program.

ENVIRONMENTAL PROJECTS MAKING AN IMPACT IN ARIZONA

Small Parts Washer Installed
A small parts washer was installed in the manufacturing compounding area in Celgene’s Phoenix, AZ facility in December of 2016. Cleaning development and equipment validation will be performed from October 2017 to April 2018. The parts washer should be available for commercial use in June 2018. Currently, small parts are manually scrubbed with an ethanol solution, which creates a large volume of hazardous waste—approximately 80 percent of the site’s hazardous waste comes from this process. Once the parts washer is validated, it will use an automated cleaning cycle that uses an aqueous cleaning solution that can be neutralized and then sent to drain. This will drastically reduce man hours for cleaning and increase safety by reducing the need to clean with alcohol. It is our estimate that this parts washer will reduce hazardous waste generation by about 25 percent at this facility.

Chiller Replacement Project
Celgene’s first oil-free chiller (a refrigeration system used to cool fluids for certain processes) was installed at the Phoenix facility, with a second chiller scheduled to be installed in late 2017. The new magnetic-bearing centrifugal chillers replaced oil-lubricated chillers that were more than 25 years old and offer energy savings of more than 35 percent as compared to our older equipment. The expected annual energy savings are estimated to be around 1 million kWh, with an additional health and safety benefit of decreasing operational noise levels.

BIODIVERSITY

As Celgene continues to expand operations worldwide, we hold ourselves responsible for protecting and preserving biodiversity and respecting nature on and around our facilities, in dialogue with local communities. As part of this effort, we evaluate operations to comply with international, national, and local regulations concerning the preservation of
natural places, promoting open spaces where possible, and assessing land use compliance.

When designing new buildings and renovating existing facilities, Celgene has developed plans at each of its operational sites, based on applicability, to consider facility impacts on biodiversity and land. These plans include:

- **A Stormwater Pollution Prevention Plan**, which establishes and communicates awareness of appropriate practices associated with pollution prevention techniques and materials to divert or prevent stormwater contamination
- **Spill response procedures** that are used in the event of a hazardous chemical spill
- **A waste disposal program** that outlines procedures for disposal of hazardous wastes in compliance with the federal Resource Conservation and Recovery Act

Celgene plans to pursue detailed assessments of operational impacts on local and regional biodiversity, as well as the impact within supply chains.

**BUILDING SUSTAINABLY**

In 2017, Celgene’s commitment to building a healthy, sustainable future was recognized with LEED Gold certification for Building L—a 180,000 square foot state-of-the-art office building at the Summit East headquarters location in New Jersey. To achieve this distinction, a variety of environmentally focused attributes were integrated in the design and construction. These include:

- Water quality and conservation measures such as the installation of efficient water fixtures and a cistern tank that collects rainwater, which is filtered and used for various gray-water activities, such as site landscaping
- Energy derived from renewable sources
- 80 percent covered parking, further reducing the heat island effect and minimizing the impact on the area’s microclimate
- Alternate forms of waste collection and recycling
- Biodiversity consideration

Building L in Summit, New Jersey, which received LEED Gold certification in 2017.

It was decided to also obtain LEED certification for Building J, an existing standalone building on the southern side of the Summit East campus. The building’s complete renovation includes an interior demolition down to the shell of the building, a reconstruction for a multi-room conferencing center, and renovated offices and workstations. Obtaining LEED certification for Building J would increase Celgene’s portfolio of environmentally sustainable buildings. To date, some of the strategies and building attributes that have been incorporated into the redesign and renovation of Building J include:

- Roofing system with white membrane (cover) to reduce the heat island effect
- Minimal landscaping in areas adjacent to the building: The trees and plants selected include species and varieties which are drought tolerant and bred for ease of care.
• No irrigation or permanent watering system was installed to account for the minimal demand of the landscaping system.
• Bicycle racks for employees with alternative commuting preferences, with the racks located near the new exercise and fitness facility for shower and changing purposes
• Commissioning to ensure all systems are operating at original design intent and resource consumption levels
• Continued purchasing of 100 percent of electricity derived from certified renewable energy sources for the campus and purchased using Renewable Energy Credits (RECs)
• Low-emitting adhesives, sealant, paints, coating and floor systems to promote occupant well-being and air quality
• Creation and adherence of a Green Cleaning Policy that includes LEED sustainability criteria for cleaning products and equipment, establishes standard operating and auditing procedures, addresses safe handling and storage of cleaning materials and sets guidelines for staff training
• Sustainable materials harvested to construct reclaimed wood walls: These beautiful walls are clad with 6,000 square feet of wood from salvaged rafters, beams and joists from a 19th-century barn in Hamburg, Pennsylvania and clear-coated with a bio-based, solvent free sealer. Celgene has brought new life and beauty to these pieces in this space and, with the installation of these resurrected pieces, the historic barn structures will live on for posterity.

New Couvet Facility and Boudry Expansion Include Sustainable Features

In Switzerland, Celgene’s new facility in Couvet and the expansion of the existing Boudry facility incorporate a number of sustainable features.

The Couvet facility, which will manufacture current and future products for blood cancers and inflammatory diseases for worldwide distribution, will use 267 building piles as heat exchangers with the ground for geocooling, and as a heat source via a heat pump. It is the first installation of its kind for an industrial building in Switzerland. The building will also incorporate solar photovoltaic panels that will produce 200 MWh of electricity. These and other features have enabled the Couvet facility to earn a provisional Minergie label for low energy consumption.* The site will employ 100 people when it is fully operational by early 2019.

*Minergie is a registered quality label for new and refurbished low-energy-consumption buildings.
Celgene’s culture is built on integrity, ethics, sound decision making, and behaviors that reflect our values and focus on patients. We work to ensure that corporate policies support best practices in governance, transparency and accountability.
Throughout Celgene, we focus on ensuring that the qualities that make our company unique are supported and fostered by best practices in governance.

GOVERNANCE

appropriate standards of legal and ethical conduct, and providing oversight for senior management.

Celgene’s Corporate Governance Principles provide the framework for the governance of the company and assist the Board and management in exercising their responsibilities. These principles reflect the Board’s commitment to monitor the effectiveness of policy and decision making at both the Board and management levels, with a goal to maximize shareholder and stakeholder value over the long term.

CORPORATE RESPONSIBILITY AND SUSTAINABILITY GOVERNANCE

A senior-level, cross-functional Sustainability Committee oversees Celgene’s integrated corporate responsibility strategy. This committee is responsible for decision making on corporate responsibility-related topics and reviewing the progress of environmental initiatives, stakeholder engagement, reporting, and other relevant activities. The Chair of the committee reports directly to the CEO. Committee members include senior representatives from key departments across Celgene.

The Sustainability Committee develops and drives Celgene’s sustainability initiatives and approves the company’s annual Corporate Responsibility Report. It also serves as the liaison to corporate responsibility–focused organizations and programs, such as the CDP and GRI, and approves any updates to the Corporate Responsibility and Sustainability Policy. Specific information related to this policy can be found on our website.

The Committee also provides direct oversight of various topics related to corporate responsibility initiatives at Celgene. This includes proactive outreach to stakeholders, environmental target management, and coordination with executive-level management.

The Committee’s approved policies, actions, and strategies are executed by the respective departments within Celgene. Employees are informed through internal communications and, depending upon the department, are also included in training on the Corporate Responsibility and Sustainability Policy. Stakeholders and employees are encouraged to direct all communications to the Committee via email at responsibility@celgene.com.

COMPANY LEADERSHIP

The Board of Directors is the highest governing body and is responsible for oversight of the business and affairs of Celgene and its long-term strategy, objectives, and risk management. The Board is responsible for reviewing, evaluating, and approving major corporate actions, overseeing management’s efforts to establish and maintain
Risk management is a central part of Celgene’s corporate policy, and risk management efforts have been expanded to include sustainability risks to enhance environmental compliance and performance. The Sustainability Committee reviews these potential risks and necessary actions for Celgene to consider. The Committee reviews environmental risk annually, during the formation of our disclosure to CDP. Social and material risk items and topics—such as access to medicine and corporate giving—are reviewed on a quarterly basis or as needed.

At least annually, a report on corporate responsibility and sustainability is provided to the Nominating and Governance Committee of the Board of Directors, and at least twice a year to Celgene’s Executive Committee.

**Sustainability Committee**

- **Richard Bagger**, Chair  
  Executive Vice President  
  Corporate Affairs and Market Access

- **Zeba M. Khan**, RPh, PhD  
  Vice President  
  Corporate Responsibility

- **Janos Angeli**  
  Director  
  Engineering, Construction & Carbon Management

- **Tammy Bakos**  
  Senior Director  
  Global Benefits and HR Operations

- **Kimberly Lounds Foster**  
  Corporate Vice President  
  Global Supply

- **Bernard Gianola**  
  Associate Director  
  Environmental Health & Safety — Europe

- **Lisa Hayes**  
  Senior Director  
  Investor Relations

- **Mairead Kehoe**  
  Vice President  
  Clinical QA & Data Sharing/Disclosure

- **Vikram Khetani**, PhD  
  Executive Director  
  Drug Development, Celgene Global Health

- **Thomas Perone**  
  Vice President  
  Corporate Legal

- **John Vogler**  
  Director  
  Environmental Health & Safety
CORPORATE RESPONSIBILITY AND SUSTAINABILITY POLICY

We have formalized how corporate responsibility is integrated into Celgene through our Corporate Responsibility and Sustainability Policy. The scope of the policy includes the following aspects as they relate to corporate responsibility and sustainability:

- Sustainability aspects of Celgene’s mission
- Regulatory compliance through Global Environmental Health and Safety
- Charitable and philanthropic donations
- Global health
- Environmental sustainability
- Pollution prevention and waste minimization
- Energy and fuel conservation
- Water conservation
- Climate change opportunities and risks
- Risk management process
- Biodiversity consideration
- Employee awareness
- Supply chain impacts
- Performance management and improvement
- Reporting and disclosure

In the short term, the policy covers initiatives that our business can undertake to create a marginal-to-medium impact on our triple bottom line (environmental, social, and economic aspects), including energy-related and water-related conservation.

In long-term planning, Celgene views addressing environmental and sustainability aspects, in particular in the areas of supply chain, water, and GHG emissions, as essential for Celgene general operations and business performance to ensure that we continue to deliver life-changing therapies to patients we serve.

ENVIRONMENTAL COMPLIANCE

At Celgene, we’re committed to conforming to the standards set forth by local, state, and federal environmental rules and regulations. Celgene professionals routinely complete environmental audits at our facilities, including manufacturing, R&D, and administrative offices (as applicable), in order to ensure compliance and that best practices are being applied. Audits include reviews of air quality programs, water treatment strategies, and hazardous waste disposal protocols. Celgene ensures that environmental permits are in place and routinely monitored, and that the appropriate processes are in place to minimize environmental risks.
<table>
<thead>
<tr>
<th>STAKEHOLDER ENGAGEMENT APPROACH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INVESTORS</strong></td>
</tr>
<tr>
<td>Our business goals include responsibly achieving exceptional financial results year over year.</td>
</tr>
<tr>
<td><strong>PAYERS</strong></td>
</tr>
<tr>
<td>We strive to ensure broad access to medicines based on their value to patients, health care providers and society.</td>
</tr>
<tr>
<td><strong>EMPLOYEES</strong></td>
</tr>
<tr>
<td>We hold our employees to the highest standards and foster a positive work environment.</td>
</tr>
<tr>
<td><strong>PATIENTS &amp; FAMILIES</strong></td>
</tr>
<tr>
<td>We strive to create innovative therapies and services that meet the health needs of patients and their families throughout the world.</td>
</tr>
<tr>
<td><strong>HEALTH CARE PROFESSIONALS</strong></td>
</tr>
<tr>
<td>Research and clinical trials help us gain new insight into both the needs and opportunities of global patient populations.</td>
</tr>
<tr>
<td><strong>BUSINESS PARTNERS</strong></td>
</tr>
<tr>
<td>We select business partners who share our commitment to making a difference to patients.</td>
</tr>
<tr>
<td><strong>SUPPLIERS</strong></td>
</tr>
<tr>
<td>We expect our suppliers to operate according to responsible business standards and practices.</td>
</tr>
<tr>
<td><strong>GOVERNMENTS</strong></td>
</tr>
<tr>
<td>We abide by and endorse the regulatory frameworks in which we operate.</td>
</tr>
<tr>
<td><strong>LOCAL COMMUNITIES</strong></td>
</tr>
<tr>
<td>We develop strong and lasting relationships with the communities where we conduct our operations.</td>
</tr>
</tbody>
</table>
At Celgene, we assume the best in each other in terms of capability and intention, and we treat each other with dignity and respect as we work together to advance our common mission. We value each individual for the integrity they bring to their work and their relationships.

**ETHICS AND BUSINESS CONDUCT**

**CODE OF BUSINESS CONDUCT AND ETHICS**

We are strongly committed to the principles of honesty, integrity and accountability. These important concepts have provided the framework for Celgene’s purpose, values and behaviors, and form the foundation of our Code of Business Conduct and Ethics. This Code applies to all employees and anyone acting on Celgene’s behalf.

Celgene’s Board of Directors has oversight responsibility for our Global Compliance Program, and the Chief Compliance Officer provides the Board with regular compliance updates.

**EMPLOYEE ETHICS TRAINING**

All Celgene employees receive training on the Code of Business Conduct and Ethics. We expect that they read, understand and abide by the requirements set therein to ensure ethical business practices and compliance throughout our organization.

**GLOBAL COMPLIANCE PROGRAM**

Celgene’s Global Compliance Program supports legal and ethical conduct throughout the company. Employees have an obligation to report any conduct that they in good faith believe violates laws, corporate policies and/or the Code of Business Conduct and Ethics. There are various avenues available both to seek advice on ethical behavior and to report concerns related to violations of such behavior, including:

- Obtaining advice from and reporting misconduct to the Global Compliance Group
- The Celgene Compliance and Ethics Hotline
- The Celgene Compliance and Ethics website

**DISCRIMINATION AND HARASSMENT**

It is the policy of Celgene Corporation to provide equal employment opportunities in all terms and conditions of employment. Our Equal Opportunity Policy, which applies to all employees in the United States, provides that we will not discriminate against any qualified employee or job applicant with respect to any terms, privileges or conditions
of employment regardless of race, color, religion, sex (including gender identity), sexual orientation, marital status, pregnancy, national origin, ancestry, citizenship, age, veteran status, physical or mental disability, or medical condition (including cancer or genetic information), or other legally protected classifications.

**BRIBERY AND ANTI-CORRUPTION**

At Celgene, bribery is never permitted. This principle does not change based on local culture or if we are dealing with a government official, health care professional or commercial customer. All employees must follow all applicable anti-corruption laws and regulations, including the US Foreign Corrupt Practices Act, the UK Bribery Act and similar laws wherever we do business.

Celgene’s Anti-Bribery and Anti-Corruption Policy supplements the Code of Business Conduct and Ethics and provides standards of conduct and practices for all employees of Celgene, its affiliates and subsidiaries to ensure compliance with applicable laws. Training on this policy has been distributed to 100 percent of employees worldwide, and target groups have received enhanced in-person training led by Legal and Compliance personnel. The policy identifies potential actions and areas of corruption that could generate risk for Celgene operations.

**CORPORATE COMPLIANCE AND ETHICS HOTLINE**

The Celgene Corporate Compliance and Ethics Hotline is available to report any conduct or action which is or may appear inconsistent with applicable law, Celgene policies, Code of Business Conduct and Ethics or values.

The Hotline provides a means of filing a report anonymously (where permitted by applicable law) 24 hours a day, seven days a week, to a third-party service provider that will ensure a caller’s confidentiality. Celgene will not retaliate against any employee who reports a complaint or concern in good faith.

Employees can dial the Hotline directly at 1-866-480-6139.
CONFLICTS OF INTEREST

It is Celgene policy that employees and others acting on behalf of the company must be free from conflicts of interest that could adversely influence their judgment, objectivity or loyalty to the company in conducting Celgene business activities and assignments.

Employees, officers and directors are prohibited from engaging in any activity or having a personal interest that presents a conflict of interest as laid out in the Conflicts of Interest Policy. This policy outlines procedures that identify and manage conflicts of interest that may exist for employees and proper avenues of internal disclosure.

ANTITRUST AND COMPETITION

Celgene employees are directed to follow all antitrust and competition laws in all places where the company conducts business. Such laws are designed to preserve a fair and level playing field for all businesses by prohibiting any agreements and practices that improperly restrain business competition within marketplaces.

ANTI-COUNTERFEITING ACTIVITIES

Counterfeiting medicines is a serious criminal offense and a growing public health risk. Counterfeit medicines may be too strong or too weak, miss key ingredients, or even be made with dangerous contaminants that can lead to serious health issues. When patients consume medicine that is fake or counterfeit, trust in the quality of medicines in general is destroyed and hope for successful treatment of their disease is undermined.

Celgene believes there is no higher priority than ensuring that patients receive genuine, safe and effective medicines. It is because of this strong commitment to patient safety that Celgene takes deliberate, sustained and proactive steps to strictly enforce the quality and safety of Celgene medicines.

Celgene continuously implements strategies and explores new technological developments to deter counterfeiting. We also address product integrity issues by putting business practices in place designed to ensure that our therapies are securely distributed within our authorized markets. We work closely with regulatory bodies, law enforcement agencies, industry peers and consumer protection authorities worldwide to strengthen, enact and enforce anti-counterfeiting laws and to raise awareness of counterfeiting. We also support law enforcement and industry initiatives to actively combat counterfeiting.

On a global basis, Celgene works with international law enforcement and customer agencies to act against the manufacturers and distributors of counterfeit medicines. We are also deeply engaged through the Pharmaceutical Security Institute and similar organizations to prevent all types of pharmaceutical crime, including counterfeiting, theft and illegal diversion.
Public policy engagement is an important role for private sector companies. It is important to work with public policy makers to help ensure that the policy environment is supportive of patient access to life-changing medications while also enhancing the promise of medical innovation. Government policies directly impact health care access and innovation while also affecting many aspects of Celgene’s business model—including our ability to meet patient needs and provide value to all our stakeholders. For these reasons, we actively participate in public policy discussions and activities to share our perspectives and experience.

**U.S. PUBLIC POLICY**

As an example of public policy engagements, Celgene employee ambassadors participated in more than 100 congressional meetings in both the US House of Representatives and the US Senate at the annual Celgene Washington Legislative Summit. Several members of Congress, including Representatives Chris Collins (R-NY) and Donald Norcross (D-NJ), participated in plenary sessions to share insights on public policy developments concerning health care issues. To date, Celgene has hosted five annual Legislative Summits in Washington, DC, with past guest speakers including Senator Bill Cassidy (R-LA), Senator Ben Sasse (R-NE), Representative Katherine Clark (D-MA), Representative Tom MacArthur (R-NJ), Representative Scott Peters (D-CA) and Representative Phil Roe (R-TN). Celgene also hosts visits by federal and state policy makers at Celgene facilities around the country to foster greater awareness of biomedical innovation.

Celgene actively partners with patient and provider organizations at both the state and federal level to advance legislation that ensures patient access to life extending and life-saving medicines. Celgene is proud to participate in the Patients’ Equal Access Coalition (PEAC), the State Patients Equal Access Coalition (SPEAC) and the State Access to Innovative Medicines Coalition (SAIM) to champion legislation to ensure fair cost-sharing, preserve patients’ access to the therapy their doctor prescribes, and to place appropriate limits on out of pocket costs for specialty medicines. Other members of these coalitions include the Leukemia & Lymphoma Society, the National Psoriasis Foundation, the American Academy of Dermatology, Susan G. Komen for the Cure, the National Brain Tumor Society, the American Society of Clinical Oncology and the National Organization for Rare Disorders.

**ORAL ONCOLOGY PARITY**

There have been significant advancements in cancer care in recent years, including the number of new oral medications that have been approved to fight a wide range of cancers.

In 2008, more than one quarter of 400 anti-cancer drugs in development were oral medications. Today, the number of oral anti-cancer drugs in development has nearly
doubled. Yet, as new treatments are developed, many insurance plans have yet to update their benefits structures and reimbursement policies, sometimes hindering cancer patient access due to resulting higher out-of-pocket costs for oral medications.

Injected and infused therapies tend to be covered under a health plan’s medical benefit, while oral therapies are generally covered under the plan’s pharmacy benefit. Celgene strongly supports oral oncology parity laws as they provide patients more affordable access to treatments, regardless of how the treatment is administered. In the last nine years, state legislators have passed oral oncology parity laws in 43 states and Washington, DC to address that disparity.

Celgene believes that patients and physicians should choose treatments based on effectiveness for patients’ medical needs, not cost concerns caused by outdated health plan benefit designs. Since 2009, Celgene has worked closely with patient and provider advocates to advocate on behalf of oral oncology parity legislation. Through these coalition efforts, we have educated policy makers about the rapidly changing cancer treatment landscape and the importance of enacting thoughtful public policy to ensure that patients have access to the breakthrough therapies that offer the best chance at survival.

While the vast majority of states have passed oral oncology parity legislation, Celgene is also committed to ensuring that these laws are working for patients. Through data collection and analysis, discussions with state insurance officials, and the creation and dissemination of appropriate educational materials, the oral oncology parity coalitions remain committed to implementing real-world solutions for cancer patients.

At the federal level, Celgene continues to work with the Patients Equal Access Coalition (PEAC) to enact a nationwide law that would ensure that patients will pay no more out of pocket for an oral anti-cancer medication than for traditional IV treatments. Together with our patient partners, we have made strong progress in highlighting the need for federal action to achieve parity in out-of-pocket costs for all patients. Legislation to achieve oral oncology parity has been introduced in the 115th Congress, with more than 100 co-sponsors from both political parties.
Step Therapy/Utilization Management

Health insurance companies are increasingly employing utilization management policies such as step therapy (a.k.a. “fail first” policies) to limit the use of prescription medicines by forcing patients to fail certain therapies approved for a condition prior to other approved treatments. When used with appropriate patient protections, step therapy can function as an effective way to guide drug utilization and subsequently control costs.

In some cases, however, step therapy can prevent patients from accessing the treatment recommended by their health care provider. Celgene supports public policies that ensure that health plan utilization management policies are clinically appropriate, transparent and allow for physician/patient choice based on the medical needs of the individual patient. During 2017, Celgene worked within the State Access to Innovative Medicines Coalition to pass legislation to place appropriate guardrails around the use of step therapy in Iowa, Texas and West Virginia. Additionally, Celgene has joined a broad group of stakeholders to support H.R. 2077, the Restoring the Patient’s Voice Act of 2017. This bipartisan legislation, introduced in the United States House of Representatives in April 2017 by two physicians who are also members of Congress, would establish various patient protections within step therapy/fail first protocols in certain federally regulated health plans.

The Patient Protection and Affordable Care Act

Celgene supports efforts to ensure that patients have access to high-quality care. As lawmakers consider significant changes to the Affordable Care Act, Celgene continues to advocate for patient protections that are essential for patients to access specialty medicines, including the coverage of prescription drugs as an essential health benefit, the existing annual out-of-pocket maximum and the prohibition on lifetime limits on coverage. These protections are critical to ensuring that patients can rely on a baseline level of coverage if they are diagnosed with a serious illness. In addition, as the health care environment continues to shift care toward alternative payment models, Celgene works to ensure that these models recognize the value of innovative therapies, preserve patient and physician choice, and consider total costs to the health care system.

Medicare Part D

Medicare Part D continues to provide comprehensive prescription drug coverage to Medicare beneficiaries. Surveys of Part D enrollees find that they are highly satisfied with the program. Through competition and choice, Medicare Part D continues to save money for both the government and Part D enrollees, while providing critical access to medicines. Celgene supports maintaining the current structure of the program, including the important access protections that exist for patients with life threatening diseases, including cancer.
Protecting the Integrity of REMS and Patient Safety Programs

Celgene is committed to ensuring that risks associated with prescription drugs are identified, assessed, and managed effectively to ensure patient safety, prevent risk and minimize the occurrence of adverse events. Risk Evaluation Mitigation Strategies (REMS) play an important role in our commitment to patient safety. Celgene opposes policies, like the forced sale of REMS (with Elements to Assure Safe Use) drugs for bioequivalence testing or the inclusion of REMS drugs in prescription drug repository and take-back programs, that would hinder the ability to protect patient safety and execute REMS programs.

Cost-Sharing for Innovative Oral Therapies

Celgene supports public policies that limit the high out-of-pocket costs that an increasing number of patients are required to pay for innovative therapies. These pro-patient policies include oral oncology parity legislation, which equalizes the out-of-pocket costs that patients must pay for IV and oral anti-cancer therapies and “cap the copay” legislation that reduces the high cost-sharing that patients with diseases like cancer, psoriatic arthritis, multiple sclerosis and human immunodeficiency virus (HIV) often face when accessing innovative oral therapies.

Strengthening the Drug Discovery and Development Regulatory Framework

Efficiency, predictability, flexibility and collaboration are all key elements of a regulatory framework that cultivates and speeds development of new therapies to enhance competition and bring value to patients. Celgene supports policies that expand FDA best practices, promote greater integration of the patient voice and provide flexibility for FDA innovation. Celgene believes that the Oncology Center of Excellence at the FDA is a successful model that has enabled life-saving treatments to reach patients more quickly and that other centers within the FDA can utilize these best practices to achieve similar outcomes.
PUBLIC POLICY IN EUROPE

Pricing and Value

In Europe, Celgene has actively engaged a variety of stakeholders to address their concerns about transparency on biopharmaceutical price setting. To do so, Celgene’s Corporate Affairs team has leveraged various tools that have been developed within Celgene, including our pricing principles, a business model narrative and a pricing simulation exercise that showcases the trade-offs that companies need to balance when pricing innovative medicines or when making investment decisions. The latter has been an opportunity for meaningful discussions on pricing and value with payers and patient representatives at the EURORDIS symposium for rare diseases in Brussels in February 2016; with journalists during the Celgene Media Summit at our international headquarters; with Members of the European Parliament and their advisors in April 2016; and with patient organizations’ representatives in October 2016.

Celgene’s willingness to have an open discussion on pricing was unanimously appreciated by these stakeholders, some of whom are now considering pricing of medicines in a different light. Keynote speakers at the EURORDIS conference recognized industry efforts to collaborate constructively, and the need for other decision makers to gain more consensus on the value of therapies to ensure fair and equal access to orphan drugs.

Orphan Drugs

In addition, Celgene works to ensure that specificities of orphan drugs are appropriately reflected in Health Technology Assessments (HTAs). Celgene launched an HTA working group with European experts that developed a set of recommendations for value assessment for orphan drugs, which were presented to payers in September 2016. The recommendations will serve as a basis for wider efforts to improve patient access to orphan drugs through greater uniformity and consistency in the methods used to make reimbursement and funding decisions at country level.

Patient Access

Celgene is committed to engaging in dialogue and working collaboratively with policy makers and other stakeholders on solutions to ensure sustainable patient access to innovative therapies. As part of this commitment, Tuomo Pätsi, President, Worldwide Markets, Hematology & Oncology, discussed outcomes-based health care systems with several EU health ministers, the Dutch Cancer Society and a selection of fellow industry representatives who attended a roundtable in May 2016 organized by the Dutch Health Minister, Edith Schippers. The discussion resulted in an agenda for cooperation between industry and authorities including horizon scanning on upcoming therapies, capacity building for managed entry agreements, innovative payment models and differential pricing. In the second half of 2016, Celgene actively engaged with members of the European Parliament as part of their work on a parliamentary resolution on solutions for improving access to medicines in the EU. This has been an opportunity to stress the significant contribution of innovative medicines to improvements in health care along the past decades and to challenge the assumption that health care expenditure is unsustainable based on historic evidence. As part of its engagement, Celgene advocated in favor of value-based pricing and greater flexibility in pricing policies at the national level enabling differentiated prices, as a solution for patient access in low- and middle-income European countries. At the same time, Celgene engaged with policy makers and other stakeholders, to convey the importance of strong intellectual property protections as an incentive for innovation, while explaining the biopharmaceutical business model that has delivered many innovations addressing unmet medical needs.
European Cooperation on Pricing and Reimbursement

Due to the considerable variations in health care systems across Europe, patients are better served if pricing and reimbursement decisions are taken by each country individually. This ensures a sufficient level of flexibility, allowing for pragmatic access solutions that are adapted to the needs of each country. Without creating duplications, other types of cooperation between EU countries on aspects such as scientific assessments of the clinical value of medicines, early dialogue, or horizon scanning have the potential to contribute to faster and better patient access.

International Reference Pricing

Celgene supports public policies that are aimed at reducing patient access inequalities, in particular through differentiated approaches to pricing and reimbursement.

To achieve this, Celgene believes that international reference pricing within the EU should be based on more coherent reference baskets that only include economically comparable EU countries. The indiscriminate effects of international reference pricing have undermined the capacity of innovative biopharmaceutical companies to address inequalities in patient access.

European Cooperation on Relative Efficacy Assessment

Regional European cooperation on relative efficacy assessment (REA) may be an appropriate response to the very specific regulatory and market characteristics of the EU. In Europe, Celgene recognizes the potential to hasten patient access by developing joint European REA reports, which could then be used directly to facilitate access decisions in individual countries. Such assessments should focus only on the scientific evaluation of clinical efficacy. Economic considerations should remain at the national level. Patient access can only be improved if the European REA does not create additional requirements for marketing authorizations and if national health technology assessment (HTA) agencies do not duplicate assessments.

A Renewed Commitment to Rare Diseases

Celgene considers that the incentives provided by the European Regulation on Orphan Medicinal Products have been a catalyst for companies to invest in developing new treatments for patients with rare diseases. There has been a significant increase in the number of approved orphan medicines, from eight before the regulation to over 100 today. However, to maintain and increase research in this area, it is fundamental that a differentiated, stable and predictable regulatory environment incentivizing research in areas of high unmet need is secured. Furthermore, great effort must be made to improve patient access to the new orphan therapies now available.

Incentives for Innovation

At Celgene, we firmly believe that a strong system of incentives for innovation is indispensable to keep the momentum for
medical innovation, tackling patients’ unmet medical needs and maintaining a favorable innovation eco-system allowing biopharmaceutical companies to thrive and support economic growth. Following the call by EU member states on the European Commission to perform an assessment of the impact various incentives provided by EU legislation (supplementary protection certificates, regulatory data protection, as well as orphan and pediatric incentives and rewards), Celgene has been at the forefront of the industry effort to foster a better understanding of the role of incentives in encouraging companies to take the risk of investing in biopharmaceutical R&D.

**CELEGENE POLITICAL ACTION COMMITTEE (PAC)**

The Celgene PAC supports candidates from both political parties at the state and federal levels who share Celgene’s commitment to innovation and patient access in health care. The Celgene PAC is an opportunity for eligible employees to ensure that Celgene’s collective voice is a part of the political process.

The Celgene PAC positively impacts the policy environment on behalf of the patients we serve through the following three core principles:

- Expanding patient access to medicines through a competitive marketplace and a regulatory environment where research and innovation can flourish
- Protecting the patient-physician relationship and ensuring patient access to innovative treatments
- Recognizing the important role of biopharmaceutical companies and their employees in health care

To promote transparency, information about all political contributions in the United States by the Celgene PAC and Celgene Corporation is provided in a semiannual report posted on the company website, categorized by state, candidate and amount. Celgene Corporation makes political contributions in states where corporate contributions are permitted by law.

During 2016, Celgene PAC and Celgene Corporation made contributions totaling $209,850 and $66,050, respectively. These contributions went to 227 candidates across the country from both political parties at the federal and state levels, as well as 18 political party and PAC organizations and associations.

Based on research compiled by the Center for Political Accountability for the 2017 CPA-Zicklin Index of Corporate Political Accountability and Disclosure, Celgene received a total score of 91.4 percent, and was designated a “Trendsetter.” The index, which covers the S&P 500, uses 24 indicators to measure the strength of each company’s political spending disclosure policies and compliance/oversight practices.

**Received a total score of 91.4% and was designated a “Trendsetter” by the Center for Political Accountability**
supply chain

Celgene expects its suppliers to deliver sustainable solutions while operating at high ethical standards and adhering to fair business practices. These suppliers are part of regional, national, and international supply chains that are involved in the manufacturing process for Celgene therapies.

Celgene procurement follows a strategic sourcing process to identify the best suppliers and works with internal teams to ensure that we obtain the best value from our suppliers in terms of quality, cost, service, and delivery. We understand the value these businesses bring to Celgene and strongly encourage them to participate in our competitive bidding processes.

Celgene strategic sourcing process

<table>
<thead>
<tr>
<th>E-Sourcing</th>
<th>E-sourcing is our preferred method of doing business with our suppliers. This creates ease of project management, increases processing speed, maintains transparency and provides a consistent global process.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier Diversity</td>
<td>Celgene recognizes the value and importance of a diverse supplier base that is enshrined in our commitment to the communities we serve. It is our commitment to facilitate and encourage the growth of small and diverse suppliers as Celgene itself grows as a global organization.</td>
</tr>
<tr>
<td>Sustainability</td>
<td>Celgene expects its suppliers to conduct business in a safe, sound and sustainable environment and minimize environmental impact from their business operations. Our suppliers are encouraged to promote sustainable and responsible business practices while integrating environmentally-related initiatives into their own operations.</td>
</tr>
<tr>
<td>Ethics</td>
<td>Celgene expects its suppliers to follow the Celgene Code of Business Conduct and Ethics. Our decisions will be influenced by business decisions and not by personal favors or opinions.</td>
</tr>
</tbody>
</table>
SUPPLIER DIVERSITY

Celgene recognizes the value and importance of a diverse supplier base and makes it part of our commitment to the communities we serve.

Celgene had business transactions with 271 Small Business Administration (SBA) suppliers in 2016, which represents about 4.2 percent of the suppliers used through US general sourcing. Many of these suppliers represent more than one type of SBA category, furthering our goal of developing our business collaboration with diverse suppliers. We seek to leverage our outreach efforts to potentially introduce us to new sources of business and a chance of aligning our needs with another company’s resources and expertise to further enhance our database of suppliers. Celgene has implemented changes to increase visibility and to better align with non-traditional small businesses. We are continuing to develop our supplier diversity program by adding outreach efforts, including financial resources and additional manpower, and by attending multiple events to pinpoint/include each type of diverse classification.

Celgene has joined several alliances to learn best practices and develop our pool of resources for information. Celgene is a member of the Supplier Diversity Pharmaceutical Forum, a sub-committee of the Pharmaceutical Forum of the Institute for Supply Management. The Forum is a collaborative group of supply chain professionals with the goals of expanding supply base diversity in the pharmaceutical industry, developing best and next practices in supplier diversity, and professional development. We are also a member of Women Presidents’ Educational Organization (WPEO) to further enhance our engagement with women-owned businesses specifically, and expand our company reach and network of industry experts.
Celgene uses the Global Reporting Initiative (GRI) standard for corporate responsibility reporting to account for indicators and aspects that constitute a familiar and globally accepted standard.

This year, we are enhancing our corporate responsibility communications by reporting on how our activities contribute to the United Nations Sustainable Development Goals (SDGs). The “UN SDG” column specifies the relevant Sustainable Development Goal, which we identified using the SDG Compass Annex for guidance, and indicates the connections between the SDGs and the related GRI indicators.

In some cases, we have adjusted our reporting approach to reflect a more accurate depiction of Celgene’s business model and operations, but in all cases, we respond to the spirit of the indicator(s).

This report references the GRI Sustainability Standards.
### ORGANIZATIONAL PROFILE

<table>
<thead>
<tr>
<th>GRI Disclosure Number</th>
<th>Description</th>
<th>Location or Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>102-1</td>
<td>Name of the organization</td>
<td>Celgene Corporation</td>
</tr>
<tr>
<td>102-2</td>
<td>Primary brands, products and/or services</td>
<td>Celgene Corporation, together with its subsidiaries, is an integrated global biopharmaceutical company engaged primarily in the discovery, development and commercialization of innovative therapies for the treatment of cancer and inflammatory diseases through next-generation solutions in protein homeostasis, immunooncology, epigenetics, immunology and neuro-inflammation. For detail on our main services and therapies, visit the <a href="#">Therapies</a> section of our website.</td>
</tr>
<tr>
<td>102-3</td>
<td>Location of the company's headquarters</td>
<td>86 Morris Avenue Summit, NJ 07901</td>
</tr>
</tbody>
</table>
| 102-4 and 102-6       | Countries where the organization operates and markets served | Celgene Commercial Presence: page 9  
See also our [2016 Annual Report](#): page 126                                                                                                       |
| 102-5                 | Nature of ownership and legal form                    | Celgene Corporation (CELG) is a publicly traded company listed on the Nasdaq Stock Market.                                                           |
| 102-8                 | Information on employees and other workers            | Workforce Statistics: page 47  
Regarding third-party workers, at the end of 2016, Celgene had 439 contractors supplementing the employee organizations in the United States and the United Kingdom. Celgene employs a managed service provider (MSP) program to manage third-party staffing firms, but the program is only in place in the United States and the United Kingdom at this time. Additional contractors were used by other countries, but the exact number is not known. In addition, other types of contingent workers (e.g., consultants and outsourced/managed services workers) were used in 2016, but the exact number of workers is not known. |

(continued)
<table>
<thead>
<tr>
<th>GRI Disclosure Number</th>
<th>Description</th>
<th>Location or Response</th>
<th>UN SDG</th>
</tr>
</thead>
<tbody>
<tr>
<td>102-8</td>
<td>Information on employees and other workers</td>
<td>(continued) The 439 workers managed by the MSP program typically handle the same work as Celgene employees but were brought in to supplement the existing staff during peak periods and/or coverage for employees on leaves of absence. The work performed by consultants is typically the production of specific deliverables (e.g., IT applications, strategic plans, etc.). The work performed by outsourced/managed services workers is the management of processes for Celgene based on clearly-defined service level agreements.</td>
<td></td>
</tr>
<tr>
<td>102-9</td>
<td>The company’s supply chain</td>
<td>Supply Chain: page 96</td>
<td></td>
</tr>
<tr>
<td>102-10</td>
<td>Significant changes during the reporting period</td>
<td>See our Annual Report, page 77, for details on acquisitions carried out during 2016.</td>
<td></td>
</tr>
<tr>
<td>102-11</td>
<td>Whether and how the precautionary principle is addressed</td>
<td>The precautionary principle is not addressed.</td>
<td></td>
</tr>
<tr>
<td>102-12</td>
<td>Externally developed economic, environmental and social charters, principles, or other initiatives to which the organization subscribes, or which it endorses</td>
<td>Celgene does not subscribe to or endorse any external charters, principles or other initiatives for economic, environmental or social aspects.</td>
<td></td>
</tr>
<tr>
<td>102-13</td>
<td>Memberships of associations</td>
<td>Association Memberships</td>
<td></td>
</tr>
</tbody>
</table>

**STRATEGY**

<p>| 102-14 | Statement from the most senior decision maker of the organization about the relevance of sustainability to the organization and its strategy | Message from the Chief Executive Officer: page 2 | |</p>
<table>
<thead>
<tr>
<th>GRI Disclosure Number</th>
<th>Description</th>
<th>Location or Response</th>
<th>UN SDG</th>
</tr>
</thead>
</table>
| 102-15                | Description of the organization's key impacts on sustainability and effects on stakeholders and the impact of sustainability trends, risks and opportunities on the organization | Regulatory Requirements  
Changes in climate-related regulations represent potential risks to the companies in various countries, and include cap-and-trade legislation, state-level greenhouse gas emission limits and carbon taxes at international operations. These can all lead to increased capital and operating costs to meet the additional regulatory compliance requirements. Some new regulatory requirements represent an opportunity to reap cost savings through facility improvements for energy, water, transportation and waste conservation or an overall decrease in environmental emissions and footprint.  
Production and Operations  
Energy reliability, availability and costs can impact manufacturing and production capability and expenses. This can also apply to the availability of water and material sources. Energy efficiency improvements and on-site renewable energy infrastructure can potentially mitigate impacts related to off-site energy production and disruption. Production capacities at manufacturing facilities could be adversely affected by natural disasters, changes in environmental regulations and disruptions to supplies of critical and/or non-critical raw materials.  
Investor Relations  
There are groups of investors worldwide that are integrating climate risk into their decision making and requiring disclosure and transparency around climate risk management. Celgene's management and addressing of environmental issues enhances the company's reputation with current and future stakeholders.  
Supply Chain  
Climate change can affect the availability and sourcing of raw materials and natural resources that contribute to or impact operations, create commodity price volatility and disrupt current and future sources of supply. Climate-induced disruptions to distribution networks can affect delivery schedules to patients and cause product interruptions or sales losses.  
Local Community  
Climate change can impact local communities through natural disasters or other extreme weather, thereby impacting patient populations, workforce, suppliers and other stakeholders. Concern from local communities may exist if Celgene does not aim to effectively reduce its environmental footprint, air emissions or water consumption levels. | |
<table>
<thead>
<tr>
<th>GRI Disclosure Number</th>
<th>Description</th>
<th>Location or Response</th>
<th>UN SDG</th>
</tr>
</thead>
<tbody>
<tr>
<td>102-16</td>
<td>Describe the organization’s values, principles, standards and norms of behavior</td>
<td>Our Culture: page 42</td>
<td>16</td>
</tr>
<tr>
<td>102-17</td>
<td>Internal and external mechanisms for seeking advice or reporting on ethical and lawful behavior</td>
<td>Refer to our <a href="#">Filing an online report</a> section on our website.</td>
<td>16</td>
</tr>
<tr>
<td>102-18</td>
<td>Governance structure of the organization</td>
<td>Our <a href="#">Leadership</a> section on our website</td>
<td></td>
</tr>
<tr>
<td>102-19</td>
<td>Process for delegating economic, environmental and social topics from the highest governance body to executives and employees</td>
<td>The Board of Directors is the highest governing body and is responsible for oversight of the business and affairs of Celgene, its long-term strategy, objectives and risk management. The Board is responsible for reviewing, evaluating and approving major corporate actions; overseeing management’s efforts to establish and maintain appropriate standards of legal and ethical conduct and providing oversight for senior management. The Sustainability Committee holds the highest level of direct responsibility for decision making on corporate responsibility-related topics and reviewing the progress of environmental initiatives, stakeholder engagement, reporting, and other relevant activities. Richard Bagger, Executive Vice President of Global Corporate Affairs and Market Access, is one of the members of the Executive Committee and reports directly to the Chief Executive Officer. Richard is the Chairman of the Sustainability Committee. The Sustainability Committee reports to the Board of Directors at least annually, and at least twice a year to Celgene’s Executive Committee. More detail on this is available on page 2 of our <a href="#">Corporate Responsibility and Sustainability Policy</a>.</td>
<td></td>
</tr>
<tr>
<td>102-20</td>
<td>Executive-level position with responsibility for economic, environmental and social topics</td>
<td>The Celgene Sustainability Committee has responsibility for economic, environmental and social topics.</td>
<td></td>
</tr>
<tr>
<td>102-21</td>
<td>Consulting stakeholders on economic, environmental, and social topics</td>
<td>We have aggregated feedback provided during our most recent stakeholder engagement session and combined it with our initial internal assessment to create a materiality matrix that helped shape the content of this report. See also Stakeholder Engagement Approach: page 85 and Materiality: page 12.</td>
<td>3</td>
</tr>
<tr>
<td>GRI Disclosure Number</td>
<td>Description</td>
<td>Location or Response</td>
<td>UN SDG</td>
</tr>
<tr>
<td>-----------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>102-22</td>
<td>Composition of the highest governance body and its committees</td>
<td>The Board of Directors is the highest governing body and is responsible for oversight of the business and affairs of Celgene, its long-term strategy, objectives and risk management. The relevant Board committees and their functions are:</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>The Audit Committee</strong>: monitors the integrity of financial reporting processes and systems of internal controls regarding finance, accounting and legal compliance. It also monitors the independence and performance of the company’s independent auditors and provides an avenue of communication among the independent auditors and the Board of Directors.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>The Management Compensation and Development Committee</strong>: assists the Board in discharging its responsibilities relating to compensation of executive officers and producing the Compensation Report to stockholders. This committee reviews, evaluates and approves the company’s compensation plans for the CEO and other officers to increase competitiveness and alignment with the company’s compensation philosophy.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>The Nominating, Governance and Compliance Committee</strong> (see 102-24)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>See also <a href="#">Board of Directors and Committees</a></td>
<td></td>
</tr>
<tr>
<td>102-23</td>
<td>Indication of whether the chair of the highest governance body is also an executive officer</td>
<td>Robert J. Hugin, an executive officer of the company, is Executive Chairman of the Board of Directors. Mark J. Alles, Celgene’s Chief Executive Officer, is also a member of the Board of Directors.</td>
<td></td>
</tr>
<tr>
<td>102-24</td>
<td>Nomination and selection process for the highest governance body and its committees and nomination criteria</td>
<td>The Nominating, Governance and Compliance Committee of the Board of Directors identifies qualified individuals and candidates to become Board members. This committee considers all factors it deems appropriate for the nomination process, such as competencies, familiarity with the biopharmaceutical industry, governance experience and other commitments.</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td></td>
<td>See 102-19</td>
<td></td>
</tr>
<tr>
<td>102-25</td>
<td>Process in place for the highest governance body to ensure conflicts of interest are avoided</td>
<td>Conflicts of interest and policy: page 88</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="#">Code of Business Conduct and Ethics</a>: page 6</td>
<td></td>
</tr>
<tr>
<td>102-26</td>
<td>Highest governance body’s roles in development and updating of economic, environmental and social statements, strategies and goals</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GRI Disclosure Number</td>
<td>Description</td>
<td>Location or Response</td>
<td>UN SDG</td>
</tr>
<tr>
<td>-----------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>102-27</td>
<td>Measures taken to enhance the highest governance body’s collective knowledge of economic, environmental and social topics</td>
<td>Measures include proactive outreach to stakeholders, environmental data collection and reporting results from discussions with executive-level management.</td>
<td></td>
</tr>
<tr>
<td>102-29</td>
<td>Highest governance body’s role in identification and management of economic, environmental and social risks and opportunities and use of stakeholder consultation</td>
<td>The Sustainability Committee provides direct oversight of various topics related to the initiatives focused on corporate responsibility that Celgene has interest in or was involved in the planning or implementation phases.</td>
<td>16</td>
</tr>
<tr>
<td>102-30</td>
<td>Highest governance body’s role in reviewing the effectiveness of the risk management process for economic, environmental and social topics</td>
<td>Our Sustainability and Environmental Compliance policy dictates appropriate steps that departments take to identify, analyze, plan and prioritize risk so that appropriate actions can be implemented. The Sustainability Committee reviews these potential risks and necessary actions to account for them in our business strategies.</td>
<td></td>
</tr>
<tr>
<td>102-31</td>
<td>Frequency of the highest governance body’s review of economic, environmental and social topics and their impacts, risks, and opportunities</td>
<td>Environmental risk is reviewed annually during the formation of our disclosure to the CDP; social risk items and topics, such as access to medicine and corporate giving, are reviewed on an ongoing basis.</td>
<td></td>
</tr>
<tr>
<td>102-32</td>
<td>Highest committee or position that formally reviews and approves the sustainability report</td>
<td>The Sustainability Committee reviews and approves Celgene’s annual Corporate Responsibility Report.</td>
<td></td>
</tr>
</tbody>
</table>

**STAKEHOLDER ENGAGEMENT**

<table>
<thead>
<tr>
<th>GRI Disclosure Number</th>
<th>Description</th>
<th>Location or Response</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>102-40</td>
<td>List of stakeholder groups engaged</td>
<td>Stakeholder Engagement Approach: page 85 and Materiality: page 12</td>
<td></td>
</tr>
<tr>
<td>102-41</td>
<td>Employees covered by collective bargaining agreements</td>
<td>There are no unions within Celgene and no bargaining agreements.</td>
<td></td>
</tr>
<tr>
<td>GRI Disclosure Number</td>
<td>Description</td>
<td>Location or Response</td>
<td>UN SDG</td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>102-42</td>
<td>Basis for identification and selection of stakeholders engaged</td>
<td>We identify the stakeholders that we actively engage with based on factors related to meeting unmet medical needs around the world. See also Stakeholder Engagement Approach: page 85.</td>
<td></td>
</tr>
<tr>
<td>102-43</td>
<td>Stakeholder engagement processes and frequency</td>
<td>Stakeholder Engagement Approach: page 85 and Materiality: page 12</td>
<td></td>
</tr>
<tr>
<td><strong>REPORTING PRACTICE</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>102-45</td>
<td>Entities included in financial statements or equivalent</td>
<td><strong>2016 10-K</strong> (Item 1)</td>
<td></td>
</tr>
<tr>
<td>102-46 and 102-47</td>
<td>Process for defining report content and aspects and materiality</td>
<td>Materiality: page 12</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Unless otherwise stated, the reporting boundary includes the facilities for which we have operational control, of which Celgene owns either the facility or significant emission-emitting equipment and where data are readily available to support a proper and concise inventory. All subsidiaries are wholly owned, as are all major operations and no major operations exist for which Celgene has control but not ownership. A complete list of entities within Celgene Corporation is included in our <strong>2016 Annual Report</strong>. We continue to enhance our data collection procedures and organizational boundary to produce future reports that are comprehensive and include additional facilities and operations with notable impacts. Facilities and sources that are outside the selected boundary include smaller-sized leased facilities, laboratories, warehouses and office space where Celgene does not own significant energy-consuming equipment or direct emission sources.</td>
<td></td>
</tr>
<tr>
<td>102-48</td>
<td>Restatements of information</td>
<td>We have made a revision to our 2015 quantity of electricity purchased from certified renewable sources. This is due to a minor correction after a review of our invoices. We have also made a revision of our 2015 quantity of solid waste, accounting for the rounding up of values.</td>
<td></td>
</tr>
<tr>
<td>102-49</td>
<td>Changes in reporting</td>
<td>No significant changes</td>
<td></td>
</tr>
<tr>
<td>102-50</td>
<td>Reporting period</td>
<td>This report captures sustainability activities during calendar year 2016 and the first half of 2017. Metrics are for 2016, unless otherwise stated.</td>
<td></td>
</tr>
<tr>
<td>102-51</td>
<td>Date of most recent previous report</td>
<td>2016</td>
<td></td>
</tr>
<tr>
<td>GRI Disclosure Number</td>
<td>Description</td>
<td>Location or Response</td>
<td>UN SDG</td>
</tr>
<tr>
<td>-----------------------</td>
<td>---------------------------</td>
<td>---------------------------------------------------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>102-52</td>
<td>Reporting cycle</td>
<td>We report on Celgene’s sustainability strategies and performance on an annual basis.</td>
<td></td>
</tr>
<tr>
<td>102-53</td>
<td>Contact information</td>
<td>Celgene welcomes thoughts and comments on this report through email at <a href="mailto:responsibility@celgene.com">responsibility@celgene.com</a>. Your comments support our progress on accurate and transparent reporting about our environmental, social, economic and governance performance.</td>
<td></td>
</tr>
<tr>
<td>102-55</td>
<td>GRI Content Index</td>
<td>This index, pages 98–113.</td>
<td></td>
</tr>
<tr>
<td>102-56</td>
<td>External assurance</td>
<td>LRQA provided verification for our Scope 1 and Scope 2 greenhouse gas (GHG) emissions for Calendar Year 2016 to a limited level of assurance in support of Celgene's supplier CDP submittal. These verified indicators are included in this report. The boundaries set for this verification included 23 international facilities reported under operational control of Celgene. Celgene included all internationally recognized GHGs: CO2, CH4, N2O, HFCs and PFCs from Scope 1 and Scope 2. At this time, Celgene is not seeking to obtain external assurance for the entire Corporate Responsibility Report, other than what is mentioned above.</td>
<td></td>
</tr>
</tbody>
</table>

**MANAGEMENT APPROACH**

| 103-1 to 103-3        | Management approach       | Corporate Responsibility at Celgene: page 10 and Materiality: page 12 See also disclosures 102-46 and 102-47. Specific details on how we manage our material topics are described in their corresponding sections throughout the report. |        |
## Economic Performance

<table>
<thead>
<tr>
<th>Material Aspect</th>
<th>Disclosure</th>
<th>Description</th>
<th>Boundary Legend</th>
<th>Boundary Details</th>
<th>Location and Notes</th>
<th>UN SDG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economic Performance</td>
<td>201-1</td>
<td>Direct economic value generated and distributed</td>
<td>🟠</td>
<td>Financial performance: page 7, and <a href="#">2016 Annual Report</a></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>201-2</td>
<td>Financial implications and other risks and opportunities for the organization’s activities due to climate change</td>
<td>🟦</td>
<td>Refer to our <a href="#">2017 CDP Climate Change Disclosure</a>, particularly section CC5.</td>
<td></td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>201-3</td>
<td>Coverage of the organization’s defined benefit plan obligations</td>
<td>🟦</td>
<td>Employee benefits: page 50</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Indirect Economic Impacts

<table>
<thead>
<tr>
<th>Material Aspect</th>
<th>Disclosure</th>
<th>Description</th>
<th>Boundary Legend</th>
<th>Boundary Details</th>
<th>Location and Notes</th>
<th>UN SDG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indirect Economic Impacts</td>
<td>203-2</td>
<td>Indirect economic impacts</td>
<td>🟠</td>
<td>Examples of Celgene’s indirect economic impacts include our capacity building programs (e.g. AMPATH, Patient advocacy in EMEA), and our access to treatment initiatives, which contribute to healthier populations that can more fully participate in the economy.</td>
<td></td>
<td>1,3,17</td>
</tr>
</tbody>
</table>

## Procurement Practices

<table>
<thead>
<tr>
<th>Material Aspect</th>
<th>Disclosure</th>
<th>Description</th>
<th>Boundary Legend</th>
<th>Boundary Details</th>
<th>Location and Notes</th>
<th>UN SDG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Procurement Practices</td>
<td>204-1</td>
<td>Policy, practices and proportion of spending on locally based suppliers at significant locations of operation</td>
<td>🟦</td>
<td>Whenever possible, Celgene seeks to do business with local suppliers. This allows us to minimize our environmental footprint, while simultaneously contributing to the development of the communities where we operate. As of 2015, in the United States, 21 percent of our spend was with local suppliers (within 50 miles of the facilities they serve). In the rest of the world, that number was 77 percent.</td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

## Anti-Corruption

<table>
<thead>
<tr>
<th>Material Aspect</th>
<th>Disclosure</th>
<th>Description</th>
<th>Boundary Legend</th>
<th>Boundary Details</th>
<th>Location and Notes</th>
<th>UN SDG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-Corruption</td>
<td>205-2</td>
<td>Communication and training on anti-corruption policies and procedures</td>
<td>🟦</td>
<td>Training on our Anti-Bribery and Anti-Corruption policy has been distributed to 100 percent of employees worldwide, and target groups have received enhanced in-person training led by Legal and Compliance personnel.</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>Material Aspect</td>
<td>Disclosure</td>
<td>Description</td>
<td>Boundary</td>
<td>Location and Notes</td>
<td>UN SDG</td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>------------</td>
<td>-------------</td>
<td>----------</td>
<td>--------------------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td><strong>Energy</strong></td>
<td>302-1</td>
<td>Energy consumption within the organization</td>
<td>![Symbol]</td>
<td><a href="#">Energy: page 73</a></td>
<td>7, 12</td>
<td></td>
</tr>
<tr>
<td></td>
<td>302-3 and 302-5</td>
<td>Energy intensity and reduction of energy consumption</td>
<td>![Symbol]</td>
<td><a href="#">Energy: page 73. See also our 2017 CDP Climate Change Disclosure, CC3.3a and CC3.3b</a></td>
<td>7, 8, 12, 13</td>
<td></td>
</tr>
<tr>
<td><strong>Water</strong></td>
<td>303-1</td>
<td>Total water withdrawal by source(^1)</td>
<td>![Symbol]</td>
<td><a href="#">See also page 75 and our 2017 CDP Water Disclosure, sections W1.2a, W5.1, W5.1a</a></td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

### Energy: page 73

#### Fuel Consumption (GJ)

<table>
<thead>
<tr>
<th></th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Renewable Fuels</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natural Gas</td>
<td>166,785</td>
<td>194,556</td>
<td>376,626</td>
</tr>
<tr>
<td>Diesel</td>
<td>203</td>
<td>4,414</td>
<td>2,379</td>
</tr>
<tr>
<td>Gasoline</td>
<td>191</td>
<td>335</td>
<td>253</td>
</tr>
<tr>
<td>Propane</td>
<td>3.0</td>
<td>2.3</td>
<td>19</td>
</tr>
<tr>
<td>Steam</td>
<td>1,302</td>
<td>542</td>
<td>512</td>
</tr>
<tr>
<td>Kerosene</td>
<td>–</td>
<td>385</td>
<td>6,513</td>
</tr>
<tr>
<td>Wood Pellets (Biomass)</td>
<td>11,716</td>
<td>11,689</td>
<td>11,997</td>
</tr>
<tr>
<td><strong>Total Fuel Consumption</strong></td>
<td>180,200</td>
<td>211,923</td>
<td>398,300</td>
</tr>
</tbody>
</table>

1 Some withdrawal quantities are based on estimates from US EPA and AQUASTAT data for average water withdrawal rate per person per day.
<table>
<thead>
<tr>
<th>Material Aspect</th>
<th>Disclosure</th>
<th>Description</th>
<th>Boundary</th>
<th>Location and Notes</th>
<th>UN SDG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>303-2</td>
<td>Water sources significantly affected by withdrawal of water</td>
<td>●</td>
<td>According to the WBCSD Water Tool for CDP Water 2014: California Floristic Province is at risk level of “Extreme Scarcity” The Thames Basin is at risk level of “Extreme Scarcity” Sevilla Basin GHAABasin2117 is at risk level of “Extreme Scarcity” Seine Basin is at risk level of “Scarcity” Tokyo Basin GHAASBasin947 is at risk level of “Scarcity” The Rhine Basin is at risk level of “Stress” Boston Basin GHAASBasin1513 is at risk level of “Stress” See also: our 2017 CDP Water Disclosure, sections W1.2a, W5.1, W5.1a</td>
<td>6</td>
</tr>
<tr>
<td>Biodiversity</td>
<td>304-1</td>
<td>Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas</td>
<td>●</td>
<td>The 24-acre Summit campus is adjacent to several areas of biodiversity such as Hidden Valley Park and the Houdaille Quarry, both along the border between the City of Summit and the Township of Springfield. The San Diego and San Francisco facilities are not within or adjacent to any areas of high biodiversity value, but are located within the California Floristic Province. This area is home to a few threatened endemic species, according to Conservation International.</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>304-12</td>
<td>Significant impacts of activities, products and services on biodiversity in protected areas</td>
<td>●</td>
<td>Biodiversity: page 78</td>
<td></td>
</tr>
</tbody>
</table>

Boundary Legend:  ● Within Celgene  □ Outside Celgene  ◆ Both Within and Outside Celgene
### Material Aspect

<table>
<thead>
<tr>
<th>Emissions</th>
<th>Disclosure</th>
<th>Description</th>
<th>Boundary</th>
<th>Location and Notes</th>
<th>UN SDG</th>
</tr>
</thead>
</table>

#### Material Aspect

**Emissions**

305-1, 305-2, and 305-4

Direct GHG emissions (Scope 1), Indirect GHG emissions (Scope 2), and emissions intensity

#### Emissions (metric tons CO\(_2\)e)

<table>
<thead>
<tr>
<th></th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Scope 1 Emissions</td>
<td>8,831</td>
<td>10,390</td>
<td>18,745</td>
</tr>
<tr>
<td>Total Scope 2 Emissions</td>
<td>14,939</td>
<td>14,557</td>
<td>13,361</td>
</tr>
<tr>
<td>Total Scope 1 and 2 GHG Emissions</td>
<td>23,770</td>
<td>24,947</td>
<td>32,076</td>
</tr>
</tbody>
</table>

#### Emission Intensity Ratios (metric tons CO\(_2\)e per unit)

<table>
<thead>
<tr>
<th></th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employee Headcount (including contractors)</td>
<td>5.0</td>
<td>5.5</td>
<td>6.5</td>
</tr>
<tr>
<td>Facility Area (sq. ft.)</td>
<td>0.011</td>
<td>0.008</td>
<td>0.01</td>
</tr>
<tr>
<td>Company Revenue (x10(^{-6}))</td>
<td>3.10</td>
<td>2.62</td>
<td>2.86</td>
</tr>
</tbody>
</table>

#### Methodologies Used

- The Climate Registry: General Reporting Protocol
- US EPA Climate Leaders Greenhouse Gas Inventory Protocol:
  - Direct Emissions from Stationary Combustions
  - Direct Emissions from Mobile Construction Sources
  - Indirect Emissions from Purchases/Sales of Electricity and Steam
  - Direct HFC and PFC Emissions from Use of Refrigeration and Air Conditioning Equipment

#### Conversion Methodologies

Direct measurements were taken for most data points. Assumptions were made only as needed and based on pre-approved analysis and calculation.

Refer also to our [2017 CDP Climate Change Disclosure](#), specifically sections CC7 to CC10.

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**Boundary Legend:**
- **Within Celgene**
- **Outside Celgene**
- **Both Within and Outside Celgene**
<table>
<thead>
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<th>Location and Notes</th>
<th>UN SDG</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Emissions</strong></td>
<td>305-3</td>
<td>Other indirect GHG emissions (Scope 3)</td>
<td>◆</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>305-5</td>
<td>Reduction in GHG emissions</td>
<td>●</td>
<td>Reducing our energy consumption and carbon footprint: page 74 See also: our <a href="#">2017 CDP Climate Change Disclosure</a>, specifically section CC3.3b</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>305-6</td>
<td>Emissions of ozone-depleting substances (lbs.)</td>
<td>●</td>
<td>2014: 149.54 2015: 2 2016: 15</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>305-7</td>
<td>NOx, SOx, and other significant air emissions</td>
<td>●</td>
<td>There were no recordable emissions of NOx, SOx, or other significant air emissions at Celgene facilities.</td>
<td>12 13</td>
</tr>
</tbody>
</table>

| Effluents and Waste | 306-1 | Total water discharge by quality and destination | ●        |                    |        |

**Indirect GHG emissions (metric tons CO$_2$e)**

<table>
<thead>
<tr>
<th></th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WASTE</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid Waste Incineration</td>
<td>879</td>
<td>952</td>
<td>927</td>
</tr>
<tr>
<td>Solid Waste Landfill</td>
<td>452</td>
<td>461</td>
<td>517</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,331</td>
<td>1,413</td>
<td>1,444</td>
</tr>
<tr>
<td><strong>EMPLOYEE COMMUTING</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Passenger Cars</td>
<td>17,423</td>
<td>10,456</td>
<td>15,671</td>
</tr>
<tr>
<td>Light-Duty Trucks</td>
<td>4,390</td>
<td>1,953</td>
<td>3,515</td>
</tr>
<tr>
<td>Motorcycles</td>
<td>34</td>
<td>44</td>
<td>36</td>
</tr>
<tr>
<td>Commuter Rail</td>
<td>1,018</td>
<td>690</td>
<td>635</td>
</tr>
<tr>
<td>Bus</td>
<td>44</td>
<td>18</td>
<td>24</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>22,909</td>
<td>13,162</td>
<td>19,882</td>
</tr>
<tr>
<td><strong>BUSINESS TRAVEL</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Airline Short-Haul</td>
<td>9</td>
<td>23</td>
<td>24</td>
</tr>
<tr>
<td>Airline Medium-Haul</td>
<td>648</td>
<td>1,441</td>
<td>1,198</td>
</tr>
<tr>
<td>Airline Long-Haul</td>
<td>13,629</td>
<td>10,564</td>
<td>9,897</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>14,334</td>
<td>12,076</td>
<td>11,120</td>
</tr>
</tbody>
</table>

**Water Discharge (m$^3$)**

<table>
<thead>
<tr>
<th></th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sanitary Wastewater$^a$</td>
<td>321,969</td>
<td>309,810</td>
<td>428,460</td>
</tr>
</tbody>
</table>

Also see our [2017 CDP Water Disclosure](#), sections W1.2b, W5.2, W5.2a.

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1 Some withdrawal quantities are based on estimates from US EPA and AQUASTAT data for average water withdrawal rate per person per day.

Boundary Legend:  ◆ Within Celgene  □ Outside Celgene  ○ Both Within and Outside Celgene

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INTRODUCTION  PATIENTS FIRST  EMPLOYEES AND COMMUNITIES  ENVIRONMENT  BUSINESS WITH INTEGRITY

CELGENE 2017 CORPORATE RESPONSIBILITY REPORT 111
<table>
<thead>
<tr>
<th>Material Aspect</th>
<th>Disclosure</th>
<th>Description</th>
<th>Boundary</th>
<th>Location and Notes</th>
<th>UN SDG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effluents and Waste</td>
<td>306-2</td>
<td>Total weight of waste by type and disposal method</td>
<td>•</td>
<td>Waste and recycling: page 76</td>
<td>12</td>
</tr>
<tr>
<td>306-3</td>
<td>Total number and volume of significant spills</td>
<td>•</td>
<td>There were no significant spills during 2016</td>
<td>3, 12</td>
<td></td>
</tr>
<tr>
<td>306-4</td>
<td>Transport of hazardous waste</td>
<td>•</td>
<td>Medical and chemical waste produced by our processes is always handled and disposed of following local and national regulations. We do not ship any waste internationally.</td>
<td>3, 12</td>
<td></td>
</tr>
<tr>
<td>306-5</td>
<td>Identity, size, protected status and biodiversity value of water bodies significantly affected by discharges of water and runoff</td>
<td>•</td>
<td>We have determined that Celgene’s operations require minimal volumes of water and do not significantly affect any water sources during the withdrawal and discharge processes.</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Compliance</td>
<td>307-1</td>
<td>Fines and sanctions for non-compliance with environmental laws and regulations</td>
<td>◆</td>
<td>Celgene Corporation had two minor EHS violations without monetary fines during 2016. No additional violations were reported.</td>
<td>16</td>
</tr>
<tr>
<td>Employment</td>
<td>401-1</td>
<td>Total number and rates of new employee hires and turnover</td>
<td>•</td>
<td>Workforce statistics: page 47</td>
<td>8</td>
</tr>
<tr>
<td>401-2</td>
<td>Benefits provided to full-time employees that are not provided to temporary or part-time employees</td>
<td>•</td>
<td>Employee benefits: page 50</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>401-3</td>
<td>Parental leave</td>
<td>•</td>
<td>Paid parental leave: page 52</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Occupational Health and Safety</td>
<td>403-2</td>
<td>Rates of injury, occupational diseases, lost days and absenteeism and number of work-related fatalities</td>
<td>•</td>
<td>Employee safety (global safety metrics): page 49</td>
<td>3, 8</td>
</tr>
</tbody>
</table>

Boundary Legend:  • Within Celgene  ■ Outside Celgene  ◆ Both Within and Outside Celgene
<table>
<thead>
<tr>
<th>Material Aspect</th>
<th>Disclosure</th>
<th>Description</th>
<th>Boundary</th>
<th>Location and Notes</th>
<th>UN SDG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Occupational Health and Safety</td>
<td>403-3</td>
<td>Workers with high incidence or high risk of diseases related to their occupation</td>
<td></td>
<td>We provide educational, counseling, prevention and risk training, and—if necessary—treatment programs with a focus on potential serious diseases for employees that may have a high incidence or risk of diseases, such as laboratory staff that handle a myriad of chemicals and biological material and facility personnel that perform various operations throughout the facilities that could involve harmful material and substances.</td>
<td>3 8</td>
</tr>
<tr>
<td>Child Labor</td>
<td>408-1 and 409-1</td>
<td>Operations and suppliers identified as having significant risk for incidents of child labor or forced labor</td>
<td></td>
<td>Celgene is committed to compliance with all domestic and international laws and regulations regarding protection against child labor, forced labor, compulsory labor, infringements of indigenous rights and other human rights abuses. Celgene operations do not have any significant risks for incidents of these types of abuses, nor does our company create any types of situations where these types of incidents occur.</td>
<td>8</td>
</tr>
<tr>
<td>Public Policy</td>
<td>415-1</td>
<td>Political contributions</td>
<td></td>
<td>Celgene Political Action Committee (PAC): page 95</td>
<td></td>
</tr>
<tr>
<td>Customer Health and Safety</td>
<td>416-1</td>
<td>Assessment of the health and safety impacts of product and service categories</td>
<td></td>
<td>Patient safety: page 23</td>
<td></td>
</tr>
<tr>
<td>Product and Service Labeling</td>
<td>417-1</td>
<td>Requirements for product and service information and labeling</td>
<td></td>
<td>All therapies currently marketed by Celgene are required to include labeling approved by the applicable regulatory bodies. Celgene’s Regulatory Affairs Department is charged with enforcing the policies related to the labeling of marketed products. It is Celgene’s policy to maintain an internal Celgene Product Labeling Portal that provides access to current labeling worldwide as well as access to labeling for products on our external website.</td>
<td>12</td>
</tr>
</tbody>
</table>

Boundary Legend:  
- **Within Celgene**  
- **Outside Celgene**  
- **Both Within and Outside Celgene**
JAMES FERRELL was diagnosed with peripheral t-cell lymphoma, not otherwise specified, and treated with ISTODAX®.