

# 2014

## Sustainability Highlights





**At Dow, we believe that what is good for the planet and society is also good for business.**

We have long been—and remain—committed to applying our scientific expertise to creating sustainable solutions for some of the world's greatest challenges. In 1995, we created our 2005 EH&S Goals, which focused on our environmental, health and safety performance to improve our operational "footprint." In 2006, Dow introduced our 2015 Sustainability Goals, which also sought to expand our positive impact through our "handprint"—providing more sustainable products and solutions for our customers. This year, we announced our third set of ambitious targets, our 2025 Sustainability Goals, which seek to redefine the role of business in society. By collaborating at the intersections of business, government and society, we will improve our "footprint" and "handprint" while also creating the "blueprint" for change and help lead the transition to a more sustainable world.

## LEADING THE TRANSITION TO A SUSTAINABLE PLANET AND SOCIETY



### OFFICIAL CARBON PARTNER

Dow, Worldwide Olympic Partner and the Official Chemistry Company of the Olympic Games, was appointed the Official Carbon Partner of the Rio 2016 Olympic Games, becoming the first partner of Rio 2016's "Embrace Sustainability" program. Dow and the Organizing Committee are **committed to implementing the most comprehensive carbon mitigation program in Olympic Games history.**



**Helped build >45,000 houses** and contributed **>\$70 million** to Habitat for Humanity since 1983 as the organization's first national corporate partner



The **Energy Bag** Program engaged about **7,800 households** over the course of the pilot, demonstrating that non-recycled plastics can be collected and converted into usable energy

**FIVE R&D 100 Awards**

for market-focused sustainability innovations



**14th time** named to **Dow Jones Sustainability World Index**



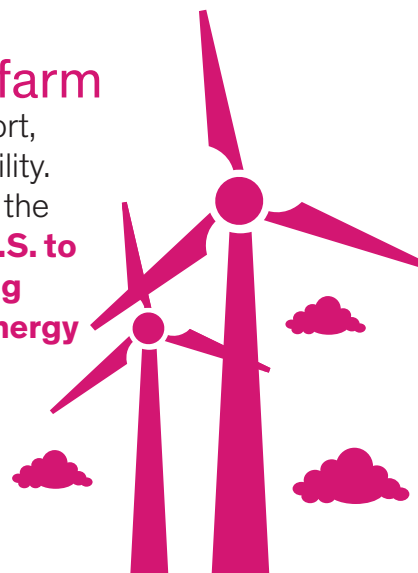
**41 Dow employees** and > 8,100 Dow Sustainability Corps volunteer hours spent to address critical community needs in Ethiopia as part of a leadership development program

**4th time as Top 100** Global Innovator by Thomson Reuters



Dow was honored by the Human Rights Campaign (HRC) for achieving a **100% rating** on its Corporate Equality Index in 2014

Signed **200 MW wind farm** deal to power our Freeport, Texas manufacturing facility. As a direct result, Dow is the **first company in the U.S. to power a manufacturing site with renewable energy at this scale**, and will become the **third largest corporate purchaser of wind energy in the U.S.**



## BUILDING VALUE THROUGH OPERATIONAL EXCELLENCE

**\$412 million**  
in cumulative savings  
through annual **absolute**  
**energy reduction**  
since 2005



**344** →   
million pounds  
of **by-products reused** in manufacturing  
processes, saving more than  
**\$100 million**  
since 2005



Our annual GHG emissions were reduced from

**47 to 35**  
million metric tons  
since 2006

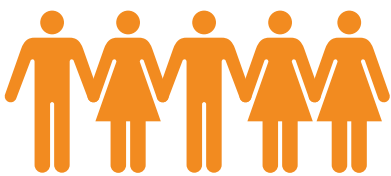
while revenue  
grew from

**\$49 billion**  
to  
**\$58 billion**



Since 2005

More than



**1,300 fewer**  
injuries and illnesses

More than



**5 billion**  
fewer

tonne-miles of transporting  
hazardous materials



**30%** reduction  
of VOC, NOx and  
Priority Compounds emissions

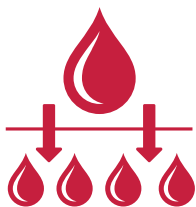
More than  
**340 fewer**  
process safety incidents



## DELIVERING SUSTAINABLE SOLUTIONS FOR SOCIETY

**Breakthroughs to World Challenges**  
in the areas of water, food, health, energy and climate change

**DOW FILMTEC™ ECO Reverse Osmosis Elements** deliver **40% better purification** with **30% less energy**



**Omega-9 Oils** eliminated more than **1.5 billion pounds of trans and saturated fat** from the North American diet since 2005

2 more Breakthroughs to World Challenges achieved in 2014

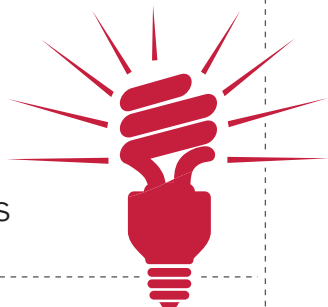
**LIFEBUOY™ SOAP** Featuring **POLYOX™ Water-Soluble Polymers from Dow** delivers a positive impact on health and hygiene, and most importantly, **helps save lives around the world**



**BETAMATE™ Structural Adhesives** saved **23 million metric tons** of CO<sub>2</sub> emissions and **10 billion liters of gasoline** since 1999



**Tens of billions of dollars saved** for our customers, consumers and society through innovations



**25% increase**

in average **Community Acceptance Ratings** for all Dow sites surveyed since 2005

## MAXIMIZING GROWTH FROM SCIENCE-DRIVEN INNOVATION



**\$13 billion in revenue in 2014**

from products highly advantaged by sustainable chemistry

Products covered by **579 Product Safety Assessments** posted since 2005 account for more than



A record pace of **635 U.S. patents granted** and patent-advantaged sales represent more than **20% of our revenue**



More detail on Dow's sustainability commitments and progress, including the 2014 Sustainability Report, can be found at [www.dow.com/sustainability](http://www.dow.com/sustainability).

©™ The DOW Diamond Logo is a trademark of The Dow Chemical Company ©2015

™ EVOQUE, DOW FILMTEC are trademarks of The Dow Chemical Company ("Dow") or an affiliated company