

Sustainability Report 2017

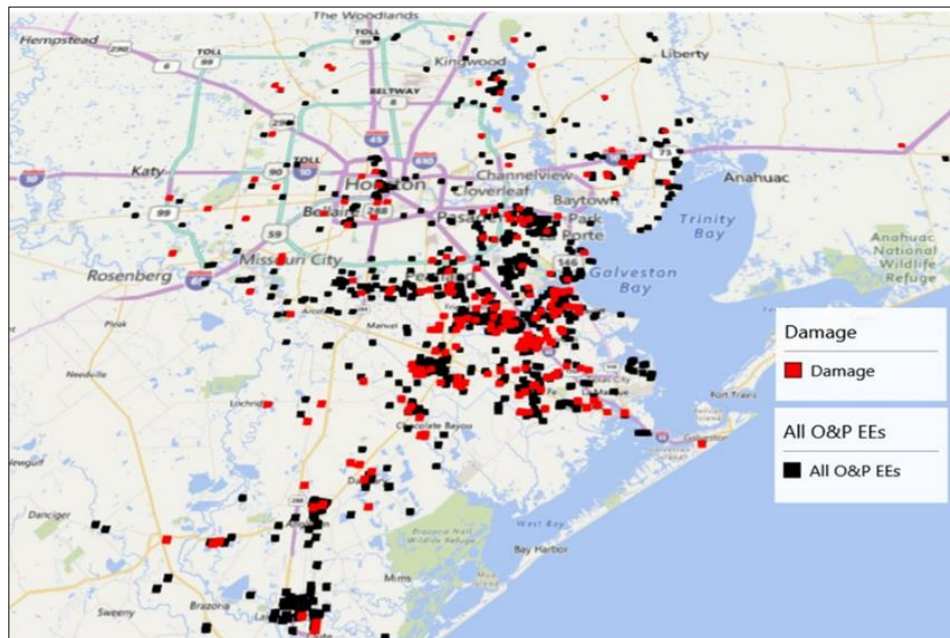
Sustaining People

We value our people above all else and want them to go home safely each day. We offer training in all aspects of the business and mentor employees for future roles at INEOS. We empower employees to bring added value to INEOS and strive to keep them engaged, interested and challenged. Our employees are our future. We foster a mutually caring environment to sustain them and our company. In 2017 this caring environment came to the fore during and after Hurricane Harvey, which impacted our employees and facilities on the Texas Gulf Coast.



Hurricane Harvey damaged the homes and vehicles of nearly 20% of our workforce. Over 200 INEOS families' homes were damaged and 13 were a total loss. The map below shows the expanse of the damage from Harvey and where employees were affected.

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Continued from page 1 – Hurricane Harvey

INEOS's owner donated \$1 million for employee relief efforts and HR and Community Relations teams quickly mobilized to assist affected employees. A donation was also made to the American Red Cross to aid the cleanup efforts in our local communities.

MVW Hurricane Depot



Cleaning and flood remediation supplies were acquired, along with generators, fans and safety equipment. These were made available for pick up from supply depots set up at three local sites, and were delivered to employees unable to travel. Employees who needed help were matched with others who wished to assist, and hotel rooms and rental cars were secured for those who lost their home and/or car.



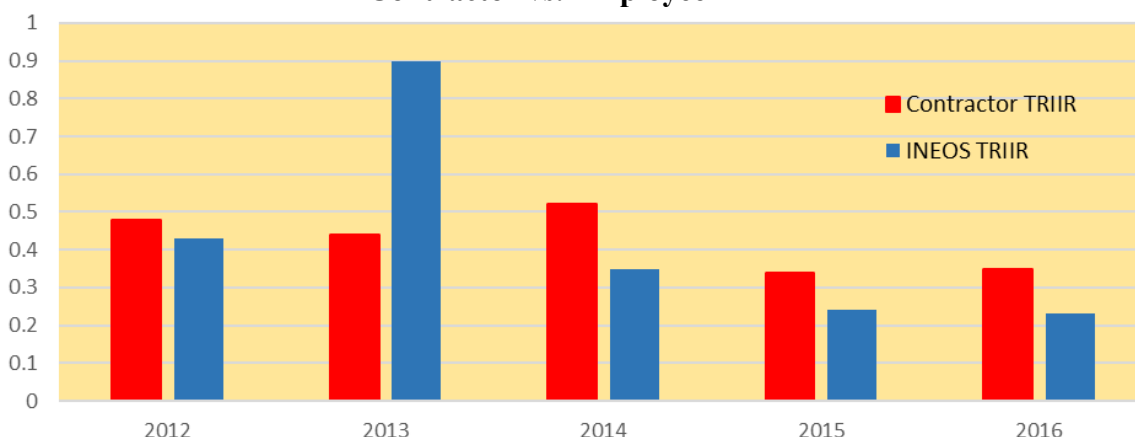
Many employees, including some who were flooded themselves, volunteered to deliver supplies, pack food, and work the supply depots. Enough nonperishable food and hygiene supplies to provide for 50 families of 4 for one week were purchased and packed. Clothes were donated and sorted. Generators, power washers, dehumidifiers and fans were distributed. Even a team of employees from our California plant flew in to help! Building supplies and help with low interest loans were added to the assistance. And of course we included gloves, dust masks and equipment dollies to help keep the work crews safe. Our safety training doesn't only apply to our job environment!

Sustaining Safety

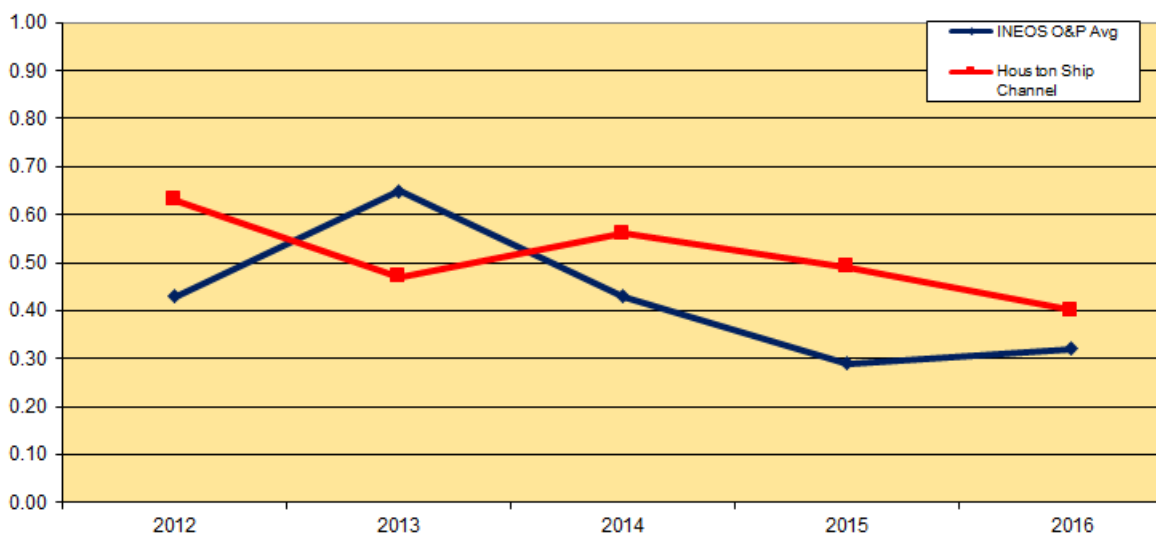
Our environmental and safety management program is grounded in discipline across all levels of our company and is based on the premise of no injuries and no harm to the environment. We accomplish this through a robust set of metrics and management oversight that includes external assurances around our policies and procedures with daily, weekly and monthly involvement in safety audits, engineering inspections, and process safety management. Our Board insists that the Safety and Environment report is the first topic on the agenda of all their meetings.

The graphs below show the INEOS Total Recordable Incident Rate (TRIR) at INEOS O&P sites for 2012 - 2016 compared to the Houston area industry (Houston Ship Channel) TRIR. We are on par with the Houston Ship Channel for the annual site frequency of injuries. We strive to continue to reduce our TRIR.

Contractor vs. Employee TRIR

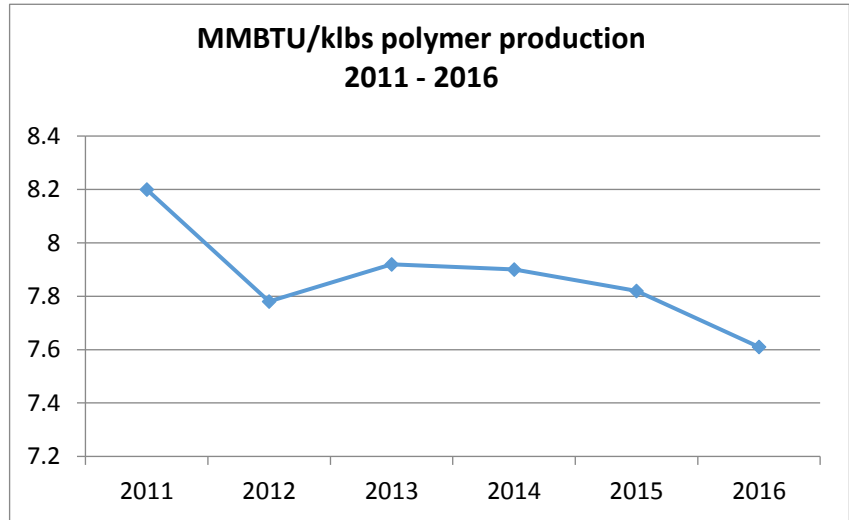


**TRIR
INEOS O&P USA vs Houston Ship Channel
(Employees & Contractors Combined)**

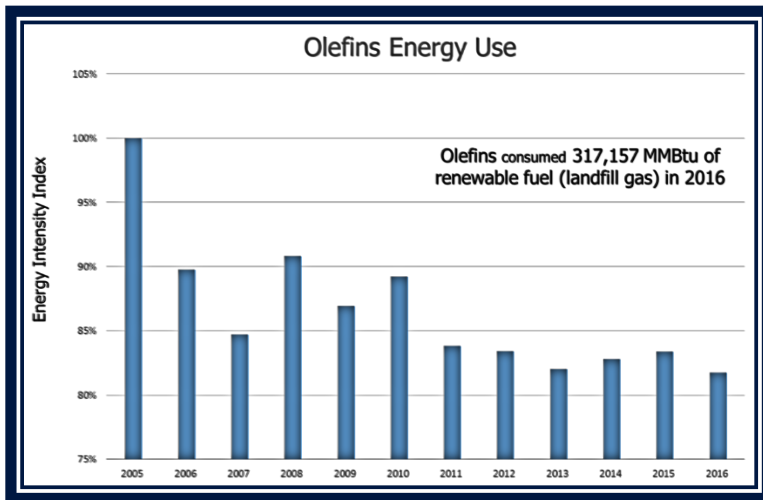


Hydrocarbon and Energy Reduction

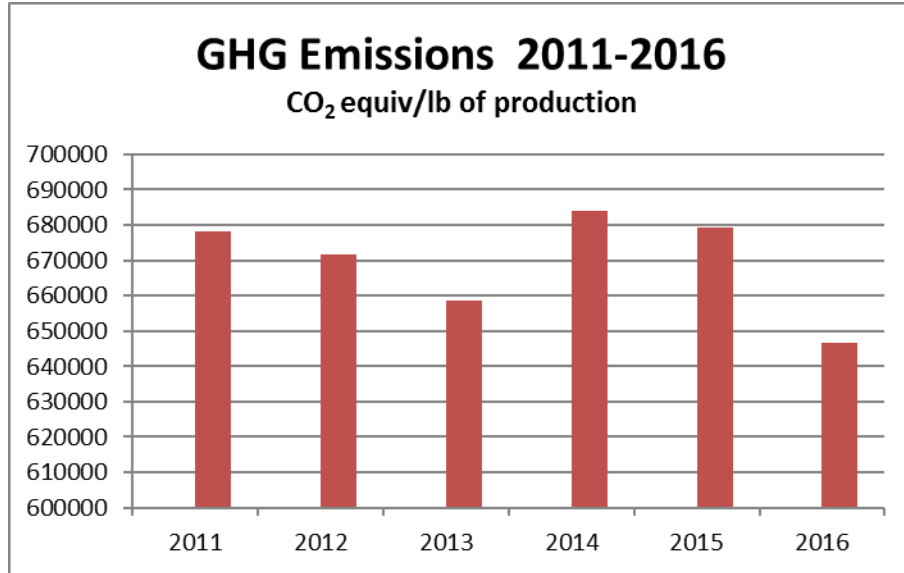
The sustainability agenda at INEOS applies across all the aspects of our operations. We approach this from a holistic standpoint, looking for ways to help our customers reduce their need for hydrocarbon-based raw materials, reduce our reliance on power and natural gas, and reduce emissions.



Efforts to decrease energy use have improved INEOS' energy efficiency.



Energy intensity is a measure of energy efficiency (kMMBtu/mlb of ethylene). The index represents the energy intensity referenced to 2005 as a baseline. As an example, if energy intensity in 2005 was 20 kMMBtu/mlbs, the index in 2005 would be 20/20 or 100%. Subsequent year indices are derived by dividing its energy efficiency by 20.



INEOS continues to investigate ways to control emissions and utilize improved technology to reduce greenhouse gas (GHG) emissions .

Our Products

We continue to work with our packaging customers to develop new polymer products that enable light-weighting without compromising product quality or properties. We have invested in new technology to upgrade some of our high-density polyethylene (HDPE) manufacturing assets to produce bimodal molecular weight HDPE. This technology provides significant mechanical property improvements in areas such as stiffness and stress crack resistance that enable light-weighting of bottles, caps, films and containers while delivering equivalent or improved performance characteristics.



Many of our new developments in polypropylene are focused on high melt rate (low viscosity) products. The benefit is that the higher flow rate allows resin molders to produce thinner materials for such products as drink cups or food packaging. Such technologies provide for an immediate impact of reducing the amount of polymer required thus driving improved conservation.

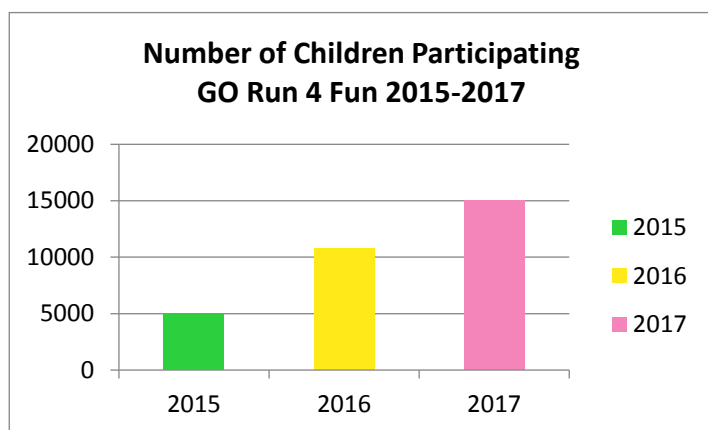
Water bottle and milk jug caps made of either polypropylene or polyethylene have always been recyclable but centers requiring their removal before recycling the container inadvertently discouraged recycling. Now that many recycling processing centers have improved separation techniques, consumers may leave caps on. We hope to see an increase in total recycling of these materials increase, but are especially grateful that our caps won't be blamed for discouraging recycling!

INEOS recycles the nonconforming polypropylene and polyethylene material generated at each manufacturing facility. While we strive to minimize the amount of this material generated, we are fortunate that it can be recycled so easily and not take up space in a landfill.

Community Outreach

INEOS reaches out to its local communities supporting many organizations local to its sites, organizing annual school supply drives and sponsoring gifts and food for local families at holidays. Among the organizations we support are Boys and Girls Harbor, Kidz Harbor, The Bridge Over Troubled Waters, Meals on Wheels and Interfaith Caring Ministries.

INEOS also supports the INEOS ICAN Foundation, a Texas 501(C)(3) charitable corporation and volunteer organization that focuses on child health and education initiatives in communities on the Texas Gulf Coast where INEOS employees live and work. The INEOS ICAN Foundation's signature child health program is called GO Run For Fun. GO Run For Fun was started by INEOS with a very simple aim - to show as many kids between the age of 5 and 10 that exercise is fun through free, well-organized fun run events. Over 200,000 young runners have taken part in events spanning INEOS locations in the US, UK, France, Germany, and Switzerland. In Houston nearly 15,000 children have participated in the program - and we're still growing! More than 100 employee volunteers have been involved in delivering GO Run For Fun to local elementary school children since 2015.



Our Commitment

INEOS understands the challenges faced while building a brighter future for our people and planet. This begins with establishing an integrated, holistic framework within the INEOS business to reduce our environmental footprint. This entails analyzing every aspect of our operations to drive efficiencies that improve the use of energy, promote more recycling and reuse, and create more sustainable products. We must strive to achieve all of this while keeping our employees safe, the environment clean and while delivering more stakeholder value to the community.

This is our commitment at INEOS.