Rotterdam, The Netherlands

DIVISION: POLYURETHANES

Huntsman Holland BV
Huntsman Polyurethanes
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The Netherlands

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Size of facility
210 Acres

Number of employees and contract personnel
One of the biggest chemical employers in the Rotterdam port area
Huntsman associates: 360
Contractors: 200

Products
- MDI
- Flexible and rigid polyols
- Flexible and rigid glycols
- Polyol blends
- Polyurethane formulations
- Modified MDI

Markets served
- Polyurethane insulation
- Furniture and bedding
- Automotive
- Adhesives, coatings and elastomers
- Composite wood products
- Footwear
- Molded and extruded plastics

Safety

Safety record
Incident rate as of year-end 2014:
5 Associates, 0.98 Total OSHA rate
(Occupational Safety & Health Agency)

Environmental awards and initiatives
- Participant in Rotterdam Climate Initiative and Deltalinqs Energy Forum for CO₂ reduction
- Regular engagement with neighboring companies to share environmental and safety best practices
- Production of annual global and local sustainability reports documenting safety and environmental statistics
- 'Green deal' with Dutch government to test energy efficiency in the MDI production process
- 2011-2015 Pilot Plant test facility in collaboration with Dutch government, Research Centre (TNO) and Rotterdam authorities to test new catalyst technology with the aim of reducing
- The environmental footprint of MDI
- Production process
- BICEPS member: Boosting Initiatives for Collaborative Emission reduction with the Power of Shippers. Network committed to sustain sea fright
- Commissioned a collaborative Logistics Service Centre for optimizing supply chain / reducing CO₂ emissions
- Signed letter of intent for new collaborative water waste treatment plant

Plant history
- Site built in 1961
- Situated on municipal reclaimed land of Rozenburg in the Botlek area of the Port of Rotterdam
- Located at the center of the Dutch and European chemical cluster
- Five facilities produce methylene diphenyl isocyanate (MDI)-based polyurethane products and services

Upstream
- MDI 1 (1972)
- MDI 2 (1997)

Downstream
- Polylols production plant (1971)
- Dedicated formulations facility (1971)
- Variants production plant (1997)
- MDI splitter (2013)
- Polylols plant expansion (2014)
- Blending facility (2015)

Rotterdam Botlek area
World Touch Rugby, sponsored by Huntsman

Involvement in surrounding communities

- Regular open days for employees, families and local community
- Proactive role in Rotterdam cluster events e.g. science fairs, International Year of Chemistry etc.
- Founder of community advisory board Samen Veilig Werken en Wonen Rozenburg
- Contributor to familiehuis Daniel Den Hoed - residential unit at the Rotterdam Cancer Hospital
- Supporter of National Cancer Research Center
- Corporate donations and employee fundraising initiatives in aid of local charities and sports organizations working to improve health / wellbeing in local community.

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