Dow Polyurethanes

Innovation and Sustainability

Project K12 Mid Term Conference
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Alberto Fangareggi
Senior R&D Director
Dow Polyurethanes EMEAI
Dow Polyurethanes  Innovation and Sustainability

Sustainability

Innovation

Responsible Care®
OUR COMMITMENT TO SUSTAINABILITY

Dow
Driven by Innovation

World-Leader in Material Chemistry
- $1.7 B R&D investments
- 30% of sales are new products
- More than 560 US patents granted in 2013
- 4 time Thomson Reuters Top 100 Global Innovator
- 5 R&D 100 Awards in 2014

World-Class R&D
- 6,300 researchers worldwide
- Strong customer engagement at strategically located R&D centers
- Leading R&D partnerships at top tier universities and national labs
- Accelerated innovation through high throughput capabilities
Industry Leader in Sustainability

- $5.7 B in products highly advantaged from sustainable chemistry
- 40% reduction in energy intensity since 1990 – equivalent to annual energy consumption of 48 million homes
- 308 MM metric tons of GHG emissions reduced from operations since 1990
- First chemical company to earn National Safety Council’s Robert Campbell Award
- 9 U.S. Presidential Green Chemistry Awards – more than any other company
- 14 times named to Dow Jones Sustainability World Index
- Ranked #1 for GRI Reporting Guideline compliance among Fortune 100 companies
Redefining the Role of Business in Society.

Sustainability is our commitment. This is how our employees make it happen.

#DOW2025
Sustainability
Innovation
Dow Polyurethanes
Sustainability

- Sustainable Substances
- Circular Economy
- Lightweighting C-footprint
- Energy Efficiency
Sustainable Substances

Eco-friendly blowing technologies
ODP Ozone Depletion
GWP Greenhouse Warming
Sustainable Substances

Halogen-free Flammability technology
Flexible Foams
VORAGUARD™
Sustainable Substances

Polyurethane Elastomers
Hg-free catalyst
MbOCA-free
Circular Economy

Renewable Resources
VORALAST™ R
GREENFOOTPRINT project
Circular Economy

Recycling technologies for thermoset PU polymers in durable applications
Lightweighting C footprint

Composites technologies for structural performance and lightness
Energy Efficiency

V PLUS PERFORM™ for insulated metal panels

Halogen-free technology
Energy Efficiency

Appliances Insulation Most Effective Technology
ENERG-ICE project
Energy Efficiency

Breakthrough insulation for domestic appliances
K12 project

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Sustainability

Innovation
Innovating for You