



United Nations Sustainable Development Goals

Guided by our support of the United Nations Sustainable Development Goals, Huntsman creates products and innovations to help solve some of the world's most pressing challenges.

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ZERO HUNGER

- Polyurethane fertilizer encapsulation improves crop yield and reduces environmental impact.
- MDI¹-based polyurethane systems produce lightweight, insulated sandwich panels for cold chain food preservation.



GOOD HEALTH AND WELL-BEING

- Scavenger technology reduces emissions from automotive seating foams by a factor of 10 without compromising comfort.



CLEAN WATER AND SANITATION

- AVITERA® SE dyes reduce water consumption in textile manufacturing by up to 50%.
- Digital inks reduce water consumption up to 60% for the production of printed textile fabrics.



AFFORDABLE AND CLEAN ENERGY

- Epoxy curing agents, composite resin systems and structural adhesives enable larger, stronger wind blades that maximize energy and withstand weather.



INDUSTRY, INNOVATION AND INFRASTRUCTURE

- Thermoset chemistries extend the lifetime of infrastructure and equipment through more durable coatings.

¹ MDI: methylene diphenyl diisocyanate



SUSTAINABLE CITIES AND COMMUNITIES

- District Central Heating (DCH) project in China reduces PM2.5 dust associated with coal-fired electricity generation and improves ambient air standards.
- DaltoPIR® fire-rated panels deliver fire and smoke safety properties without compromising energy efficiency and cost.
- Spray polyurethane foam (SPF) insulation is the highest-rated insulant available in the market today.



RESPONSIBLE CONSUMPTION AND PRODUCTION

- DCH project in China utilizes waste heat to warm millions of homes.
- Waste PET bottles are transformed into TEROL® polyols, a key ingredient in energy-saving SPF insulation.
- 3D printing technology in the footwear industry eliminates waste by designing it out of the manufacturing process.
- Digital inks reduce water consumption, pollution, energy use, CO₂ emissions and waste.
- MDI binders turn waste rice straw and rubber crumb into raw materials for new products.
- Bio-based technologies enable automotive OEMs to achieve a 9%+ level of bio-based content.



CLIMATE ACTION

- DCH project in China reduces coal-fired power consumption.
- ARALDITE® adhesives and structural composite systems enable lightweighting in automotive and aerospace applications, reducing fuel consumption, energy use and CO₂ emissions.
- Carbonates create better lithium-ion battery technology to power electric vehicles.

UNGC Communication on Progress

Huntsman works to ensure our corporate policies, procedures and guidance documents align with the Ten Principles of the United Nations Global Compact. The table below identifies relevant Huntsman policies, procedures, systems and actions that illustrate our progress.

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PRINCIPLES Huntsman Policies and Procedures		Systems and Actions
HUMAN RIGHTS PRINCIPLE 1 Support for human rights	HUMAN RIGHTS PRINCIPLE 2 Elimination of human rights violations	<ul style="list-style-type: none"> The Corporate Ethics and Compliance department reports any reported human rights violations to the Audit Committee, which includes members of the Board of Directors. “Speak Up” confidential reporting service for reporting concerns International Trade Compliance risk assessments for at-risk countries Pre-qualification due diligence of vendors with high-risk profiles Periodic re-qualification due diligence review of high-risk vendors and all distributors Global EHS Standards and Procedures
Since 2012, our Business Conduct Guidelines (BCG) make specific reference to the UNGC and our commitment to operating under its standards in all communities where we do business. In addition, Huntsman’s Vendor Code of Conduct applies to all vendors and their employees, agents and subcontractors. See also: Huntsman Human Rights Policy		
LABOR PRINCIPLE 3 Ensuring freedom of association		<ul style="list-style-type: none"> 42% of Huntsman employees are covered under collective bargaining agreements, including both union and works councils.
Associates are ensured freedom of association and are reminded of that right through visible postings at our facilities.		
LABOR PRINCIPLE 4 Abolition of all forms of forced labor		<ul style="list-style-type: none"> Standard contract clauses require each vendor to agree that no child or indentured labor is used by the vendor in the performance of its business. Periodic E&C combined policy audits conducted for selected sites that include audits on human rights, child labor and forced labor
LABOR PRINCIPLE 5 Abolition of child labor		
In every region of the world, our Human Resources department is charged with ensuring that direct-hire Huntsman associates have necessary and legally required documentation to establish identity, legal age and work status. See also: Huntsman Human Rights Policy		
LABOR PRINCIPLE 6 Elimination of discrimination		<ul style="list-style-type: none"> Ethics and compliance training Harassment in the Workplace online training US Purchasing groups offer technical assistance in the preparation and submission of bids to Huntsman, which can include small or disadvantaged businesses.
Huntsman upholds a Policy Against Discrimination, including Harassment and Retaliation.		
ENVIRONMENT PRINCIPLE 7 Precautionary environmental protection		<ul style="list-style-type: none"> Product EHS Group actively manages product and raw material risk including hazard communication (e.g. Safety Data Sheets), compliance, customer risk evaluation and distribution risk management. All Huntsman facilities are required to identify, quantify and minimize energy use and air, water and waste releases from routine operations. Management of Change (MOC) procedures at all facilities require consideration of environmental impacts for new projects and changes in processes. Process Hazard Analysis (PHA) procedures identify process safety hazards and the appropriate safeguards to prevent or mitigate impact to the environment from loss of containment events. In 2020, we updated 107 REACH dossiers for substances – including 84 voluntary submissions beyond those required by the European Chemicals Agency (ECHA). We published 10 product safety summaries available on our website, toward our goal of 30 or more by 2025.
Huntsman’s EHS Management System includes 7 Global EHS Standards and 68 Global EHS Procedures to ensure safe operation at all facilities. Huntsman’s Product Stewardship Standard EHS-700 outlines global requirements to ensure responsible management of EHS issues relating to Huntsman products throughout their life cycle. Huntsman’s Environmental Standard EHS-600 outlines global requirements to identify and minimize the environmental impact of our operations and strive for continuous improvement. We committed to publish 30+ product safety summaries as part of our <i>Horizon 2025</i> targets to enhance transparency and provide stakeholders with helpful information. Huntsman’s Process Safety Standard EHS-400 outlines global requirements to identify and manage risk associated with process safety incidents and their impacts on the environment.		

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ENVIRONMENT PRINCIPLE 8

Initiatives to promote greater environmental responsibility

Huntsman has published our EHS Policy and Commitment on our website, which includes a commitment to Responsible Care® and placing care for human health, safety and the environment at the forefront of everything we do.

Huntsman has developed and published our *Horizon 2025* global strategic targets in areas of personal and process safety and environmental performance, including production intensity targets in greenhouse gas emissions (GHGs), energy consumption, hazardous waste disposal and net water usage.

We completed a comprehensive water stress study in 2020, covering all of our manufacturing sites. This study not only informs which sites will be in scope for our Horizon reduction target, but also helps us understand how we can better address water risks in our portfolio.

- In 2020, we published our annual Sustainability Report in accordance with the latest GRI Standards and provided a SASB index for the first time, to meet growing stakeholder interests and support our ongoing commitment to transparency.
- Developed a predictive chemical risk tool to identify and evaluate substances of concern
- A founding Bluesign® system partner to promote responsibility throughout the textiles value chain
- Contributor to ZDHC since September 2019, a foundation that works on several programs aimed at improving sustainability across the textile value chain
- 24 manufacturing sites (43%) ISO 14001 certified
- In 2020, we completed: 7 Corporate EHS audits and 9 Corporate PSM audits.
- Community Advisory Panels (CAP) at major facilities
- Periodically, we launch a CEO Award for Innovation in Sustainability and encourage a wide field of entries from our associates globally. The next award will take place in 2021.

ENVIRONMENT PRINCIPLE 9

Development and diffusion of environmentally friendly technology

In our EHS Policy and Commitment, our policy is to place care for human health, safety and the environment at the forefront of everything we do, and our mission is to provide products and solutions through the applications of science that enrich lives and help create a sustainable future, while doing no harm to people or the environment.

As a member of the American Chemistry Council (ACC), we support ACC's sustainability principles that commit to achieving measurable reductions in emissions and creating innovative products for a sustainable future and societal benefits.

- Many of our products contribute to the UN Sustainable Development Goals (SDGs).
- We use waste PET in our polyols as raw material to produce polyurethane insulation. In 2020, we expanded our TEROL® polyols manufacturing to Taiwan – enabling us meet increasing market demand for recycled content.
- We upcycle the equivalent of over 1 billion PET bottles annually with the equivalent of over 10,000 recycled bottles used in each home using our spray foam from the newly created Huntsman Building Solutions (HBS) business.
- Active R&D initiatives to reduce VOCs, lightweight materials for automotive and aerospace sectors, increase bio-based content, and improve energy-saving insulation for buildings and refrigerated transport that reduces food waste through the cold chain.
- AVITERA® SE dyes reduce water consumption in textile manufacturing by up to 50% – in 2020, our dyes helped save roughly 1.5 billion liters of water for customers.

ANTI-CORRUPTION PRINCIPLE 10

Measures against corruption

Corporate Ethics and Compliance department oversees and supports our compliance with relevant laws, regulations and related Huntsman policies worldwide. See also: Huntsman Business Conduct Guidelines, Vendor Code of Conduct

- Array of tools for reporting (third-party-run hotline and website for confidential “whistleblower” reporting, dedicated mailbox, monthly communications to all employees, quarterly poster campaigns), investigating, tracking and correcting ethics and compliance and corruption allegations
- We report statistics to the Officers and Senior Leaders monthly and present detailed overviews to the Board quarterly.
- Third-party due diligence when adding new vendors to confirm that vendors and representatives comply with all applicable laws, regulations and our policies. This due diligence is re-done periodically based on a risk matrix evaluation
- Periodic audits of Huntsman sites