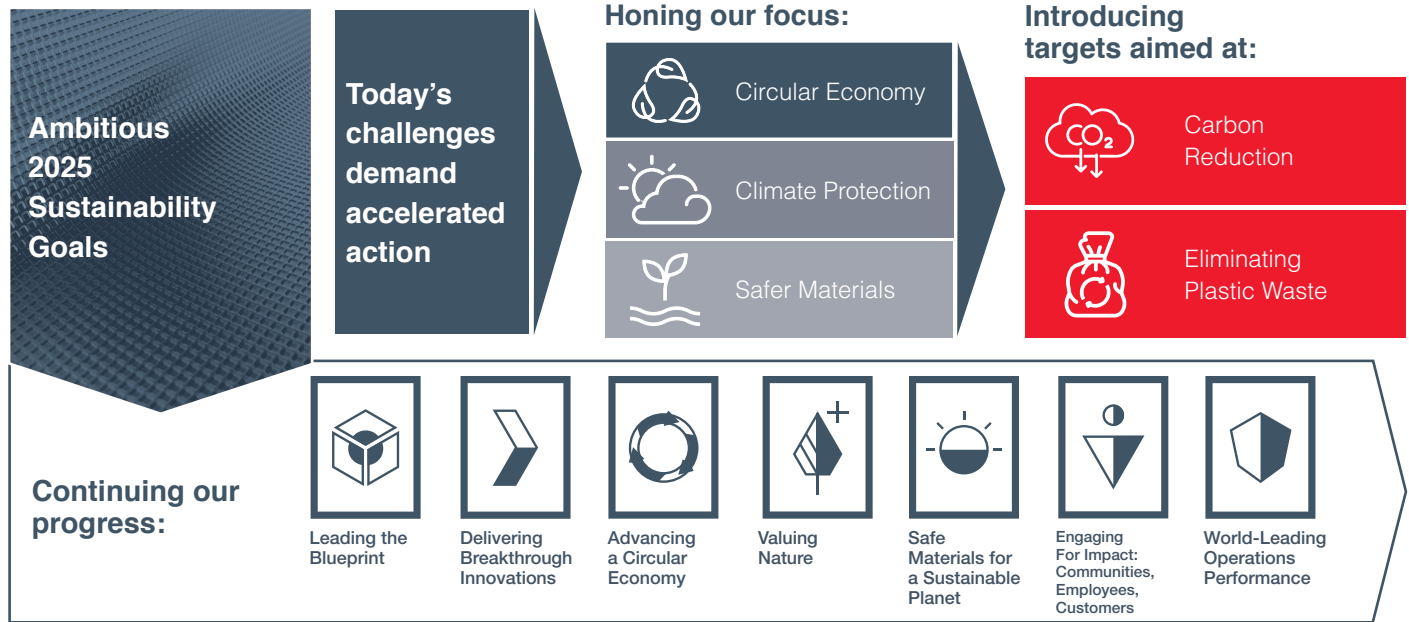




Accelerating Our Sustainability Actions to Tackle Critical Challenges



In 2019, as Dow completed our separation from DowDuPont, we set forth an accelerated roadmap for our sustainability strategy. While we continue to advance our commitments against our 2025 Sustainability Goals, we also are stepping up actions for the future with new targets that will help put us on a path to carbon neutrality by 2050 and a world without plastic waste.

Solutions Today – 2019 Progress Against Our 2025 Sustainability Goals



Leading the Blueprint

- Founding member of **Alliance to End Plastic Waste**, a \$1.5B commitment by ~50 companies from the plastics and consumer goods value chain to develop and scale solutions to minimize and manage plastic waste.



- Announced new collaborations with the **Dow-International Olympic Committee Carbon Partnership** to encourage wider adoption of lower-carbon technologies in industry, packaging, the built environment and infrastructure.



Delivering Breakthrough Innovations

- Launched **AGILITY™ C**, a new post-consumer recycled resin made with 70% recycled plastic.
- **76%** of our R&D projects addressed world challenges.
- Recognized with four **Sustainability Awards from Business Intelligence Group**, including the Sustainability Initiative of the Year for our **RENUVA™** Mattress Project. The project seeks to bring together the value chain in a new business ecosystem model to recycle polyurethane foam from end-of-life mattresses.



Advancing a Circular Economy

- Signed agreements with Fuenix Ecology Group and UPM in Europe to integrate feedstocks made from **recycled plastics** and **renewable content** into our production processes.
- Named to **Fortune’s 2019 “Change the World”** list for piloting the use of recycled plastics in roads as part of our commitment to reduce plastic waste.
- Partnered through **Recycling for Change** in Brazil, **Project MASARO** in Indonesia and **Project Butterfly** in Kenya and South Africa to develop and scale circular solutions that maximize the value of plastic waste and empower communities.



Valuing Nature

- Realized **\$157.4MM** in value, primarily through avoided costs, from nature projects. Since goal launch in 2016, we have achieved nearly **\$431MM** in business value toward our 2025 goal of \$1B and implemented **380** nature projects across Dow.
- Collaborating with **Restore the Earth Foundation** to replant **400 acres** of native bald cypress trees in Louisiana’s Pointe-aux-Chenes Wildlife Management Area. Part of the Dow-IOC Carbon partnership, the project is estimated to generate **80,000 metric tons** of carbon dioxide emissions reductions over 40 years.



Safer Materials for a Sustainable Planet

- Awarded the **2019 Sustainability Champion Award** from Green Chemistry & Commerce Council (GC3) for leadership in value chain outreach and efforts to advance the development of sustainable materials.
- Expanded our **Product Stewardship Academy** in Africa and the Middle East to proactively engage our customers to increase product safety knowledge and safe material handling.
- Collaborated with Beyond Benign and universities to **advance two higher education programs** – The Green Chemistry Commitment and Toxicology for Chemists – centered around green chemistry theory and practice.



World Leading Operations

- Announced **FCDh technology** to produce on-purpose propylene, reducing energy use and GHG emissions by up to 20% over existing technology.
- Achieved **542 MW** of purchased renewable power – more than halfway to our 2025 target of 750 MW.
- Eliminated **670,000 hours** of life-critical work using robotic crawlers, drones and other technology.



Engaging For Impact: Communities, Employees, Customers

- Approximately **18,000 Dow volunteers** collected more than **175,000 pounds** of trash from **175** different locations globally during our 2019 #PullingOurWeight campaign.
- Distributed ~\$1.5MM for Business Impact Fund sustainability projects in 9 countries
- Launched our **ALL ERG Impact Fund** with \$200,000 in seed grants to support inclusion programming initiated by Dow Employee Resource Groups in Dow communities.

New Targets – Solutions for Tomorrow

As a leading materials science company, we have the responsibility and opportunity to take action on the pressing, closely linked challenges of climate change and plastic waste. Building on our 2025 Sustainability Goals and our progress to date, these new multi-decade targets are designed to increase our positive impacts for our customers, our business and society.



Climate Protection

By 2030, Dow will reduce its net annual carbon emissions by 5 million metric tons versus its 2020 baseline (15% reduction). By 2050, Dow intends to be carbon neutral (Scopes 1+2+3 plus product benefits).



Circular Economy

By 2030, Dow will help “stop the waste” by enabling 1 million metric tons of plastic to be collected, reused or recycled through its direct actions and partnerships.

By 2035, Dow will help “close the loop” by having 100% of Dow products sold into packaging applications be reusable or recyclable.

Read more about our progress in our 2019 Sustainability Report at corporate.dow.com.