



Decarbonisation Measures: Complimentary approaches and frameworks for action

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Dow's 2025 Sustainability Goals



Redefining the Role of Business in Society.

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

#DOW2025

Dow's 2025 Sustainability Goals: Approach

Footprint

World-leading Operations Performance

Handprint

Product Solutions to World Challenges

Blueprint

Dow's Thought Leadership and Actions

Delivering Solutions to Global Challenges



Food



Energy



Water



Climate Change



Nature



Social Issues

Among Our Key Performance Indicators*

0

Zero severe unplanned safety events and process safety events

10

impactful "blueprint" collaborations

6X

net positive impact on sustainable development measures

100%

value chain and stakeholder support in safe use of chemical technology

20%

reduction in water intake intensity and waste intensity

400 MW

of its power demand from renewable sources by 2025

\$1B

in nature-enhancing projects

1B

people positively impacted by Dow employees

* KPIs are not all-inclusive but are an overview.



2025 Goals: Valuing Nature



We'll pursue projects that are good for business and good for ecosystems.

Valuing
Nature



Dow's 2025 Valuing Nature Goal



Our Goal is to apply a business decision process that values nature. Dow will deliver business value and natural capital value through projects that are good for business and good for ecosystems.

- Natural capital decision-making across a global business of this scale **has never been done before.**
- By 2025, Dow will **deliver \$1B in value through projects that are good for business and good for ecosystems.**
- By 2020, **all R&D, capital and real estate projects at Dow will be screened** using Nature's Future Value (NFV) assessments, a tool we developed with The Nature Conservancy to measure the value of ecosystem services.

TNC - Dow Pilots: Freeport, Texas and Santa Vitoria, Brazil



The pilots demonstrated ways that investing in nature could also help Dow reduce costs or avoid risk. It focused on:

- Improving air quality through reforestation
- Mitigating coastal hazards with natural infrastructure
- Preventing disruption to freshwater supply
- Optimize agricultural production and biodiversity & ecosystem services

Learn more: www.dow.com/en-us/science-and-sustainability/collaborations/nature-conservancy

2025 Goals: Energy & Climate Change



Leading the Blueprint

Dow will **lead through performance and thought leadership** to promote energy and GHG performance policies, best practices and standards, and will participate in clean energy development and use.



Delivering Breakthrough Innovation

Dow will innovate to **increase the positive net impact** of products across all markets such that the benefit to global sustainable development exceeds burdens by **6X**.

Dow will be a leader in energy and CO₂ footprint mitigation across multiple product lines **ensuring a mitigation multiple of no less than 3:1**.



World-Leading Operations Performance

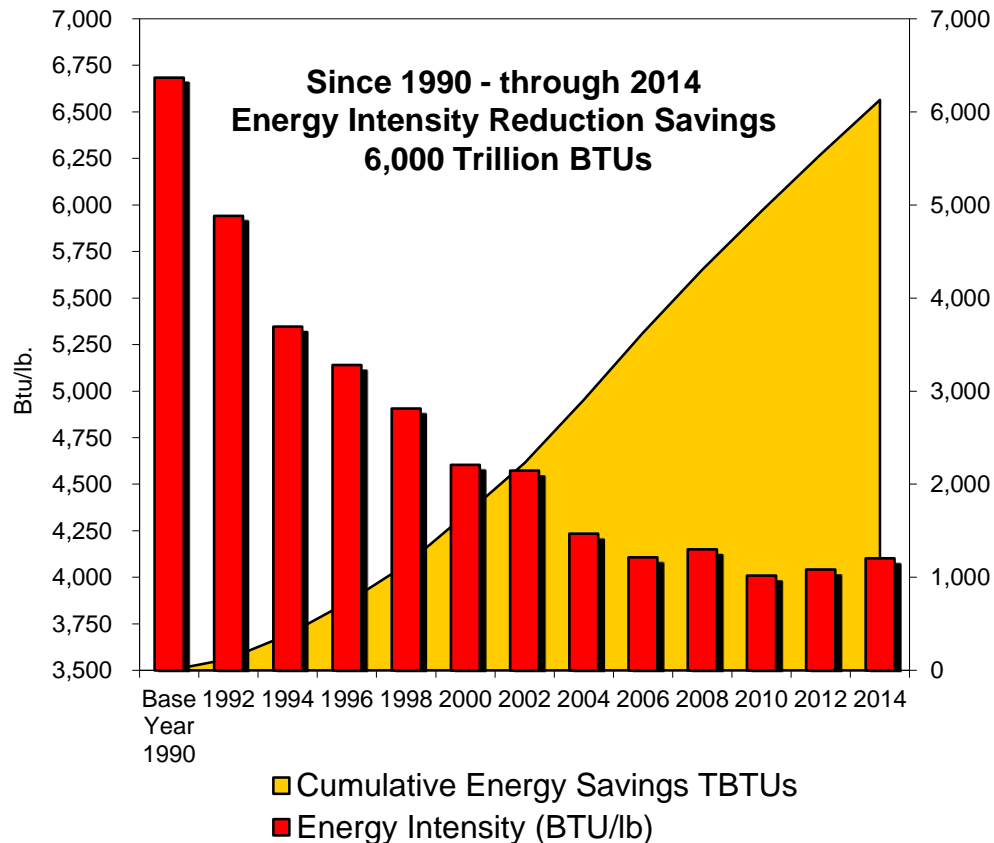
Though we will grow globally over the next 10 years, **Dow's absolute greenhouse gas emissions will not exceed our 2006 baseline**.

Dow will obtain **400 MW of its power demand from renewable sources** by 2025.

By 2020, we will ensure that our trajectory for absolute emissions from operations and purchased power **meet internationally recognized targets for a 2° C maximum global temperature rise**.

Energy & Climate Change: Results

Energy Intensity Performance



- Dow's manufacturing energy intensity, in BTU per lb of product, has improved about 40% since 1990

- Since 2005, reduced energy use by 110 trillion BTUs or 20% annually

- While the revenue of the Company increased from \$46 billion in 2005 to \$58 billion in 2014, our GHG emissions were reduced from 47 to 35 million metric tons per year, more than 11 million metric ton per year below 2006 levels.

- At the end of 2014, Dow had 245 megawatts either low carbon or from renewable sources and future prospects identified that could yield > 240 megawatts of clean power.

Driving Behavior Change



Leading the Blueprint



Planet

Setting the Example

- Addressing GHG emissions
- Promoting energy efficiency
- Lasting legacy for the Olympic Movement



People

Engaging the Next Generation

- Raising awareness, engaging action
- Mobilizing businesses, government and society
- Building a better, more sustainable future for all



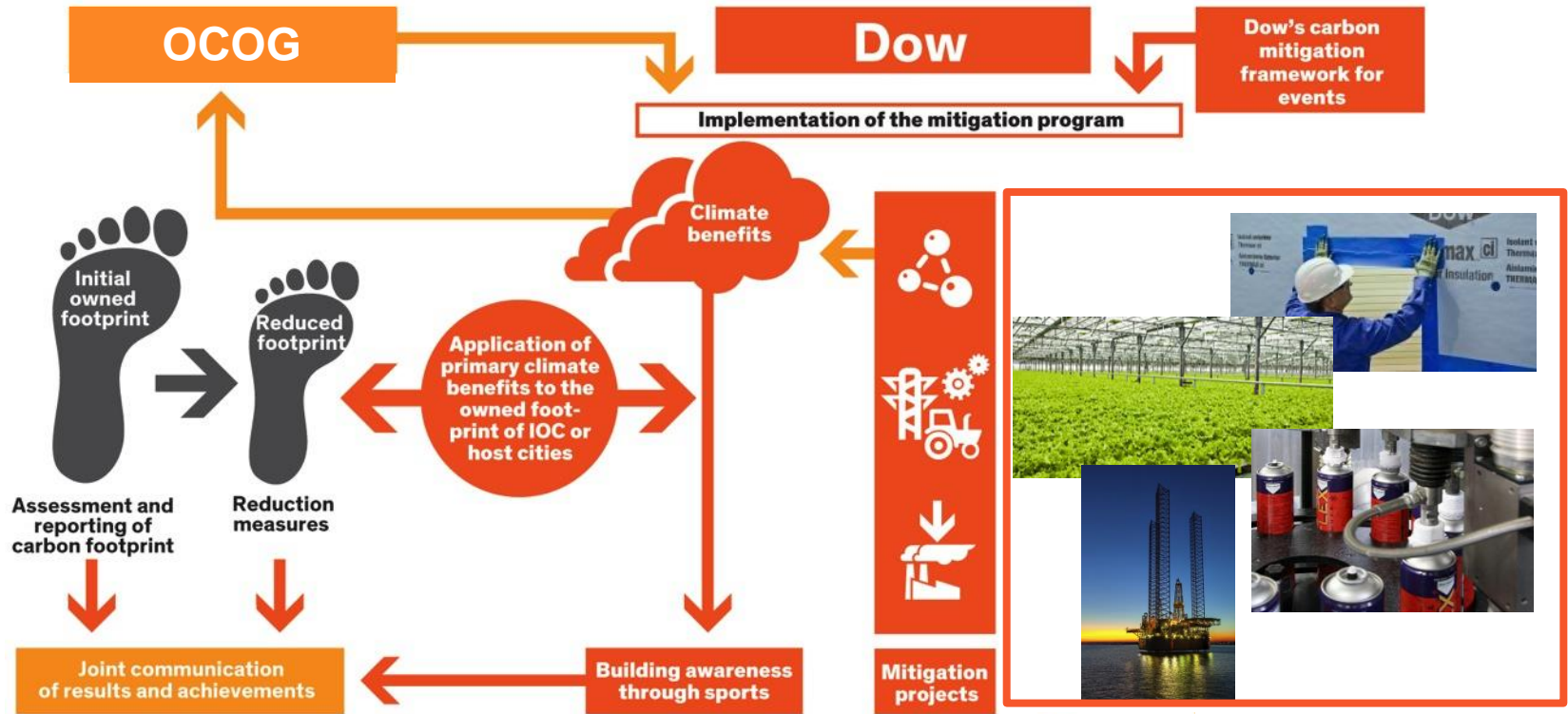
Prosperity

Providing a Model for Others

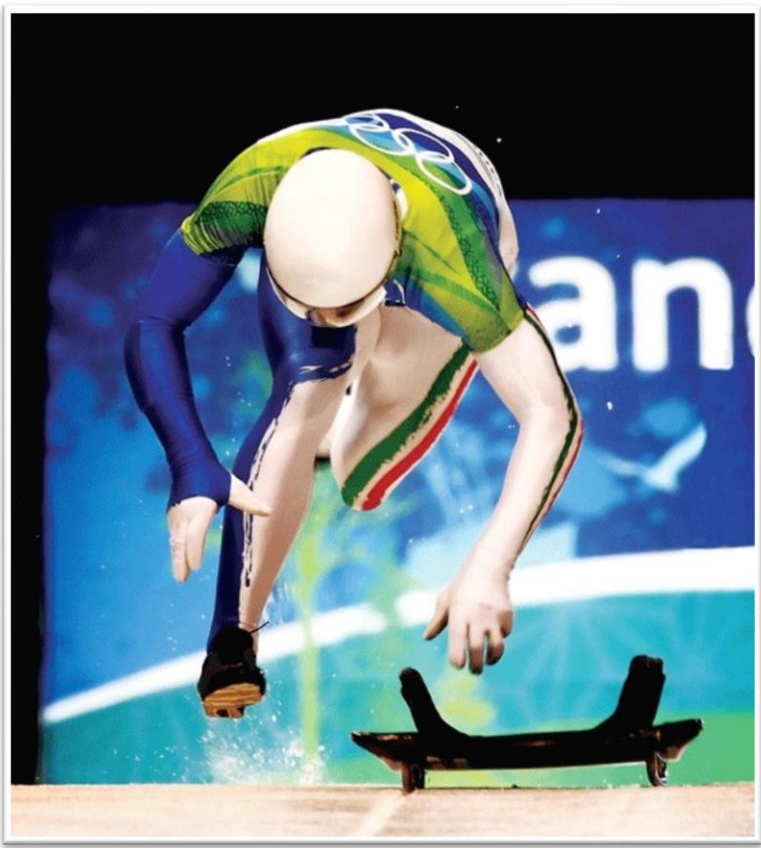
- Saving energy and resources
- Providing new business opportunities
- Introducing new, modern solutions

Demonstrating leadership by creating a model for collaboration that others can follow

Partnership Structure



Carbon Partnership with Sochi 2014



- First Games to mitigate the entire direct footprint of the Organizing Committee prior to the Opening Ceremony
- 520,000 tons of CO₂ equivalents mitigated before Games, in February 2014 (3rd party verified)
- ~1.5 million tons of CO₂ eq generated by the end of 2014
- Mitigation projects focused on Industry, Agriculture and Infrastructure

Rio 2016 Carbon Mitigation Program



- Dow as the first partner of Rio 2016's multi-faceted "Abraça" (Embrace) Sustainability program
- Deliver 500'000 tons of CO₂ eq to mitigate the direct emissions of hosting and organizing the Games
- Best-effort to deliver additional 1.5 million tons of CO₂ eq in 10 years (for other Games-related emissions)
- Projects focused on Agriculture, Industry and Infrastructure – in Brazil and LAA
- Commitment to engage 500,000 people in Brazil with information about climate change and sustainable lifestyles

A photograph of a dense forest with tall, thin trees. Sunlight filters through the canopy, creating a bright, hazy atmosphere. The ground is covered in green moss and grass, with shadows cast by the trees. A semi-transparent grey horizontal band is overlaid across the middle of the image.

Thank You