

REDUCING FOOD LOSS AND WASTE

“ Reducing waste is a key part of our Sustainability 2020 goals. Cutting waste reduces our environmental footprint while driving down costs and creating efficiencies to accelerate our growth. ”



OUR POSITION

Our journey to measure and reduce food waste started in the early 2000s and was further refined with our 2010-2015 Sustainability goals to:

- reduce net waste per tonne in our factories by 15% by 2015
- make at least 60% of our production volume in factories that send Zero Waste To Landfill by the end of 2015



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When we set our new Sustainability 2020 goals we switched our focus from net waste to total solid waste generated in our factories. This was important to ensure we focus not just on how we handle and dispose of waste, but also on reducing waste at the source. Therefore, our waste measure now includes any solid material not used in our finished products, including any organic materials sent to animal feed rather than for human consumption.

Food waste forms a significant part of our total waste and so we support the CGF resolution on food waste because it fits very well with our aspiration to reduce all solid waste generated by our factories, not just to avoid landfilling or incineration.

OUR ACTIONS

We have recorded for a number of years the main types of total waste generated in our factories by waste type, including overall organic waste. We're currently refining how we record organic waste to enable us to define and measure our 2016 food waste baseline.

We're also using Integrated Lean Six Sigma tools to help us develop new ways to identify waste sources and enable us to plan to reduce total waste generated:

- A Current Best Approach for total waste reduction has been developed by our environmental experts to measure, improve, and share waste reduction practices between our factories.
- A Loss Analysis methodology for waste.

These approaches have been validated with our factories

to ensure they reflect best practices. Key manufacturing sites, such as Curitiba in Brazil and Gebze in Turkey, have successfully adopted these tools and are showcasing benefits to the rest of our manufacturing network.

Our approach drives a key change in mind-set to move away from a focus on how waste is disposed of (avoiding landfill) to avoiding the creation of waste at its source.

Beyond this, waste reduction is an important way to drive more efficient use of all resources - when we reduce waste, we also reduce the amount of energy, water and packaging materials we use and, therefore, cut our environmental footprint. And by using raw materials more efficiently, we reduce our end-to-end environmental footprint by cutting water use and carbon emissions in agriculture.

OUR RESULTS

Our manufacturing waste programme has been successful and we exceeded our 2010-2015 after goals:

- Net waste: 70% per tonne reduction, nearly 5X our original goal of 15%*.
- Zero Waste To Landfill: 68% of production from ZWTL factories, ahead of our goal of 60%*.

*vs. 2010 baseline

Specific targets were set by Region and a number of innovative solutions and partnerships were developed and shared where appropriate to divert more solid waste from landfill. The result was that by 2015, over 90% of our total waste was being diverted from landfill.

In 2015, we updated our environmental sustainability targets, including our goal to reduce total manufacturing waste by 20% by 2020, vs a 2013 baseline (corresponding to the start of Mondelēz International). Our journey towards our 2020 waste goal has started with a 3% reduction in total absolute waste in 2015 versus our 2013 baseline.

The new CGF food waste resolution of reducing 50% versus a 2016 baseline by 2025 will give us added focus to our total waste reduction programme between now and 2020, as well as providing a longer-term trajectory specifically for food waste. We see both as important challenges in order to better use food ingredients and other resources in our operations.

KEY FIGURES

- As of 2015, Mondelēz has reduced its total waste by 3% compared to our 2013 base line as part of our 2020 goal of 20% total waste reduction in manufacturing
- Surpassing its 2015 goal of reaching 60% production from Zero Waste to Landfill sites, Mondelēz reached a level of 68% of its production coming from Zero Waste to Landfill sites
- As of 2015, Mondelēz has reduced its net waste in manufacturing by 70% vs its 2010 baseline