

ecovadis

Case Study



The Tessy Plastics Sustainability Transformation Story



Tessy Plastics is a global contract manufacturer founded in 1973. The company specializes in custom injection molding and automated assembly solutions for medical, pharmaceutical and diagnostics, and consumer industries. Headquartered in Skaneateles, N.Y., Tessy has facilities in Central New York, Pennsylvania and China.



€317 (\$380) million

revenue

1,400

employees

158,000 m² (1.7 million ft²)

manufacturing space

OBJECTIVES, DRIVERS AND CHALLENGES

How It All Began: From a Poor Rating to a Sustainability Transformation

In 2010, Johnson & Johnson, one of Tessy Plastics' primary customers, requested more visibility into the company's risk management system in efforts to contribute to its risk mitigation initiatives. The company performed significantly below the industry target, but was motivated to improve. Within five years, they went through a complete sustainability transformation.



APPROACH

A Guided Path to Reducing Environmental Footprint

Tessy Plastics has described the initial poor rating as “a gift from Johnson & Johnson and EcoVadis” with insights and tools to help turn around the company’s performance. Three actions provided the foundation for its eventual success:

- ✔ The CDP and EcoVadis results were taken seriously;
- ✔ Tessy Plastics set measurable and publicly declared targets;
- ✔ A meaningful Corrective Action Plan was launched along with collaborative performance tools within the EcoVadis platform.

“ This wasn’t an easy journey, but it was so worth it.

Cindy Bush
Former Director of EHS, Tessy Plastics Current Lead Consultant, Tessy Plastics – Sr. Vice President Manufacturing Risk Specialist, OneGroup



EcoVadis Scorecard Improvement Areas Over the Years (Selected Areas)

The EcoVadis Scorecards that have been issued to Tessy Plastics provide a good example of how the company’s development and approach to sustainability has improved over the years. Tessy Plastics improved and attained the following goals:

- **2019**
 - Reporting on total water consumption.
 - Reporting on the total weight of non-hazardous waste.
 - Reporting on total gross Scope 1 and 2 GHG emissions.
 - Reporting on total energy consumption.
 - Sustainability risk analysis.
- **2018**
 - Comprehensive policy on a majority of environmental challenges.
 - Provision of incentives for management on climate change challenges.
 - Comprehensive reporting on sustainable procurement challenges.

- **2015**
 - Quantitative objectives set on relevant issues (energy consumption, GHG emissions and waste).
 - Eco-design measures to reduce product weight.
 - Monitoring of noise level.
 - Monitoring of emissions to air.
 - Publication of conflict minerals-related reporting.
 - 81-100% of suppliers for which conflict minerals information is available.
- **2013**
 - ISO14001 certified.
 - Company reports to CDP (at the group level).
 - Infrastructure implemented to enable water recycling.
- **2012**
 - No sustainable procurement policies on social factors.
 - No certification of environmental management system (ISO14001 or EMAS).
 - No information on measures regarding environmental impacts from product end-of-life.
 - Basic environmental policy.
 - Declares measures on local and accidental pollution (e.g., noise, dust, spills), but no supporting documentation available.
 - Basic reporting on environmental challenges.

Tessy Plastics is ranked in the top 20% of companies assessed by EcoVadis and has received a Silver rating.

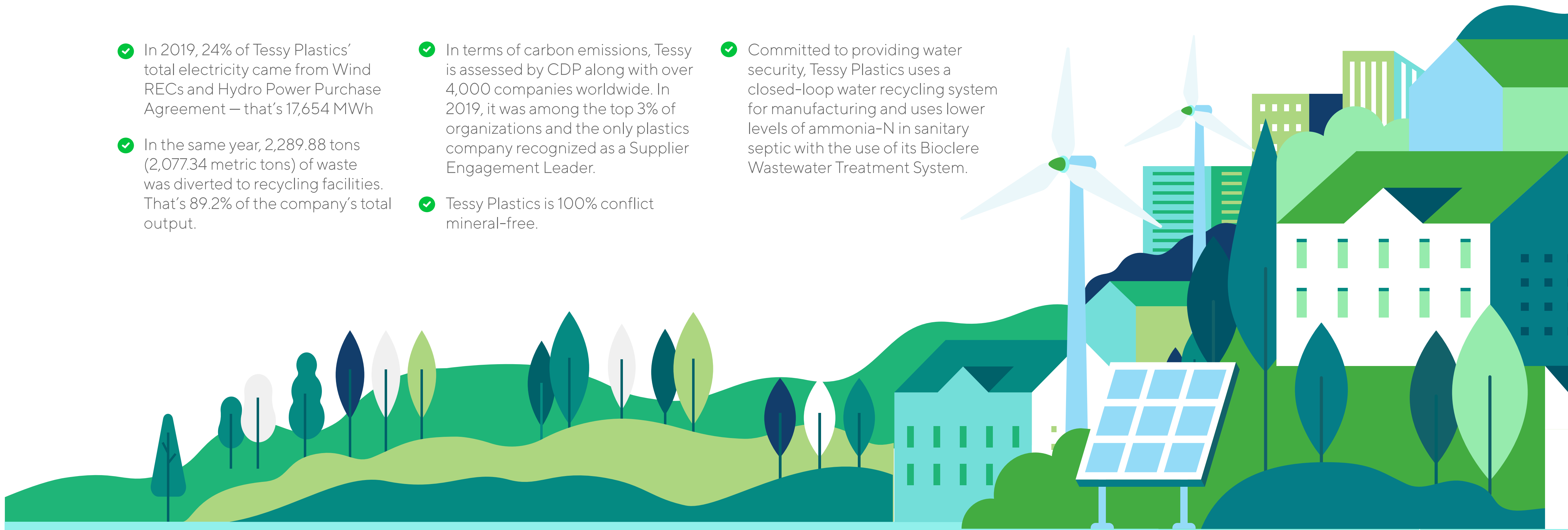


RESULTS

Tremendous Growth and Minimized Societal and Environmental Footprint

Tessy Plastics' sustainability transformation turned the company from Johnson & Johnson's lowest-performing supplier into a leading plastic parts manufacturer. Tessy improved in terms of revenue, diversity, sustainability and EHS strategy. In addition, it drives impact across a wide range of sustainability areas:

- ✓ In 2019, 24% of Tessy Plastics' total electricity came from Wind RECs and Hydro Power Purchase Agreement – that's 17,654 MWh
- ✓ In the same year, 2,289.88 tons (2,077.34 metric tons) of waste was diverted to recycling facilities. That's 89.2% of the company's total output.
- ✓ In terms of carbon emissions, Tessy is assessed by CDP along with over 4,000 companies worldwide. In 2019, it was among the top 3% of organizations and the only plastics company recognized as a Supplier Engagement Leader.
- ✓ Tessy Plastics is 100% conflict mineral-free.
- ✓ Committed to providing water security, Tessy Plastics uses a closed-loop water recycling system for manufacturing and uses lower levels of ammonia-N in sanitary septic with the use of its Bioclere Wastewater Treatment System.



About EcoVadis

EcoVadis is the world's most trusted provider of business sustainability ratings, intelligence and collaborative performance improvement tools for global supply chains. Backed by a powerful technology platform and a global team of domain experts, EcoVadis' easy-to-use and actionable sustainability scorecards provide detailed insight into environmental, social and ethical risks across hundreds of purchasing categories and countries. Industry leaders such as Johnson & Johnson, Verizon, L'Oréal, Subway, Nestlé, Salesforce, Michelin and BASF are among the thousands of businesses on the EcoVadis network, all working with a single methodology to evaluate, collaborate and improve sustainability performance in order to protect their brands, foster transparency and innovation, and accelerate growth. Learn more on [ecovadis.com](https://www.ecovadis.com), [Twitter](#) or [LinkedIn](#).

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