



SUCCESS STORY

Sustainable snacking leader signs a 12-year PPA in Poland



As part of their journey to reach a 2050 goal of net zero greenhouse gas emissions, Mondelēz International, a global snacking company, has been working towards its aim to reduce its scope 2 footprint worldwide. With a short-term target of reducing their absolute end-to-end GHG emissions by 10% by 2025, relative to a 2018 baseline, they

set their sights on Poland, where they could aim to make a meaningful contribution to emissions reductions in a carbon-intensive country.

Mondelēz International approached 3Degrees to develop and implement a renewable energy procurement strategy to help address emissions from electricity consumption in its Polish manufacturing facilities.

Challenges

- + In 2022, Europe faced unprecedented market volatility, with rising energy costs that made renewable energy developers hesitant to enter into long-term corporate power purchase agreements (PPAs). This resulted in limited project supply to meet corporate demand;
- + Mondelēz International needed a project that would aim to reduce its greenhouse gas footprint across its growing portfolio of production plants in Poland;
- + Ever-changing market conditions made it difficult to keep stakeholders up-to-date and educated on the process throughout. This was especially challenging as PPA prices continued to increase rapidly over short time periods.

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“At Mondelēz we are as ambitious about sustainability as we are in chocolate making. We are very happy to work with 3Degrees who shared our ambition at a time when Europe was going through the biggest energy crisis since WW2. Several times we experienced the advantage of working together as we adapted our reach to the market and used your expertise in our tough negotiations.”

- **ILKEM YILDIZ**

Sourcing Manager, Energy & Utilities Europe, Mondelēz International

How we helped

3Degrees worked with Mondelēz International to facilitate workshops to educate and align stakeholders on the current state of European energy markets and PPAs. Based on the input and feedback gathered in these workshops, the 3Degrees team was also able to determine the best-fit project characteristics to meet Mondelēz International's needs and preferences.

With this information, 3Degrees developed a tender strategy and, upon Mondelēz International's approval, issued a Request for Proposals, which included:



Financial modeling to estimate each offer's projected Net Present Value (NPV), monthly cash flows, and implied guarantee of origin (GO) value;



Conducting comprehensive market development and contractual risk analyses;



Evaluating each project according to Mondelēz International's criteria, specifically, geographic location, technology, development maturity, and counterparty qualifications.

Once Mondelēz International selected a project, 3Degrees supported the PPA contract negotiation process.

Results

Mondelēz International signed a 12-year PPA with a renewable energy developer in Poland for approximately 126 GWh of solar electricity. The project aims to enable Mondelēz International to:

- + Displace more than 1 million metric ton equivalent of CO₂ emissions from electricity generation during the PPA term, which will contribute to reaching 40% of its carbon reduction goal in Europe;
- + Achieve its goal of covering its annual Polish electricity consumption with GOs produced within Poland.

As part of our ongoing advisory support, 3Degrees will provide PPA monitoring services to Mondelēz International in order to evaluate project performance and incorporate the Poland PPA into its European renewable electricity portfolio.



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12 YEAR
PPA IN POLAND FOR
126 GWH
OF SOLAR
ELECTRICITY ANNUALLY



1M+
METRIC TON
EQUIVALENT OF CO₂
EMISSIONS AVOIDED



40%
OF MONDELEZ
INTERNATIONAL'S
CARBON REDUCTION
GOAL IN EUROPE
COVERED



ALIGNMENT WITH
MONDELEZ
INTERNATIONAL'S
2025
TARGET



“Mondelēz’s work towards meeting its ambitious goal in Poland is an excellent example of a corporate buyer making the maximum impact through project selection in a carbon intensive grid. We are thrilled to have supported Mondelēz in signing its PPA in Poland, a significant milestone in its efforts towards decarbonisation goals in Europe.”

- TYLER ESPINOZA

Senior Director, Energy and Climate Practice, 3Degrees

Read more about Mondelēz International’s sustainable journey

- + [How Mondelēz International is Achieving an Ambitious Goal to Reduce its Global Greenhouse Gas Emissions](#)
- + [How One Multinational Food & Beverage Company is Reducing Global Emissions – at No Additional Cost](#)

3Degrees, a certified B Corporation, makes it possible for businesses and their customers to take urgent action on climate change. We help organizations around the world achieve renewable energy and decarbonization goals through our work with global Fortune 500 companies, utilities, and other organizations that want to join the fight against climate change.

