It takes energy to make food, so Nestlé in the US works to get the most out of the energy it uses. How does the company do this? Nestlé is working to create zero waste in its operations, using more renewable electricity in its facilities and building a cleaner logistics and transportation network.

Related Careers
There are a variety of careers that impact the journey a food product takes from start to finish. These include:

- ** Farmers** who grow the plants used as raw materials.
- **Engineers** who design sustainable packaging.
- **Factory Workers** who use machines to make products.
Energy Connection

We use all different types of energy every day! Nestlé is working to transition to renewable electricity (solar, wind, hydroelectric) across their production facilities. In fact, they recently invested in a project in Texas that will add enough solar electricity to the U.S. grid to power about 24,574 homes each year!

Related Careers

There are many careers that focus on renewable energy and resource conservation. These include:

• Solar Engineers who specialize in using sunlight to generate electricity.

• Hydrogeologists who study how water interacts with rocks and soil.

• Renewable Energy Scientists who study weather, climate and site conditions as they relate to the deployment of renewable energy technologies.

• Environmental Lawyers who handle legal matters concerning air, land and water.

• Industrial Mechanics who keep factory machines in working order.

FOOD FOR THOUGHT:

Nestlé’s California production facility makes the process of preparing cans of CARNATION® evaporated milk “water positive.” This means the facility returns more water to the community than it uses during the production process.

To help rejuvenate crops, between 2010–2020, Nescafé distributed 235 million coffee plantlets to farmers that supply Nestlé. These plantlets are easier-to-grow, climate resilient and will help coffee farming communities thrive.

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Nestlé is continuously exploring alternative fuels such as solar and wind. One way they are doing this is by looking at food waste produced at the factories and seeing how they can use the waste as an energy source. For example, NESCAFÉ factories burn waste coffee grounds to make steam that makes granules, and the company’s Libby’s® factory in Illinois recycles pumpkin by-products and incinerates remaining waste for energy recovery.

Related Careers

There are a variety of careers that help companies manage their energy consumption. These include:

- **Energy Buyers** who know when, where and how to buy energy.
- **Energy Consultants** who talk to companies about how to reduce their industrial carbon footprint.
- **Energy Suppliers** who provide the energy needed to run factories and distribution centers.
- **Data Warehouse Providers** who keep track of energy costs and usage data.

FOOD FOR THOUGHT:

By using reduced tillage practices, Libby’s® pumpkin farmers in central Illinois saved the equivalent of 43 dump trucks of soil from being lost to erosion in 2021, as compared to conventional farming practices.

Select Gerber’s® Organic puree products come in the IncrediPouch™, the category’s first of its kind, single-material baby food pouch designed to promote the circular economy.

Purina’s Tidy Cats® Naturally Strong 100% natural litter comes in jugs made with 50% recycled plastic, eliminating over 375,000 pounds of plastic in one year.

Senior Manager, Procurement

Ensures factories have the resources to operate equipment to produce goods while also looking for ways to incorporate more renewable energy.

“What’s so interesting to me about a Procurement career is that everything we do at Nestlé runs on some form of energy. It’s an evolving field that has job security and growth opportunities as new, developing technology uses energy in new ways.”

Energy & Environmental Expert

Creates ideas and explores new ways to reduce energy and water use that meet environmental goals and help enhance the health of the environment.

“I have always been a technology enthusiast who is passionate about energy conservation. At Nestlé, the impact of energy and water use on the environment is something we measure. By tracking and working to reduce our industrial emissions, we can drive change to make this world a better place for future generations and have fun while doing so! The science I learned in school is now what I get to use to innovate solutions for real world challenges.”

Learn more.