

Powering Dombasle's site with RDF



Solvay's Dombasle site has been operational since 1873, producing essential **soda ash and bicarbonate products** used in industries such as **glass, solar panels, EV batteries, air control, pharmaceuticals and flue gas cleaning**. The plant employs 500 people and 500 subcontractors, and plays a key role in Solvay's global operations.



To support global decarbonization targets, Solvay has launched **Dombasle Energy** at this site. The initiative focuses on completely **phasing out coal and transitioning to renewable energy** from refuse-derived fuels.

-35%

CO₂ annually vs 2021

Replacing coal with refuse-derived fuel

Dombasle Energy is a pioneering cogeneration project that replaces coal with refuse-derived fuel (RDF). RDF is the remaining material after recyclable items have been sorted, representing what is left when recycling is no longer possible and would otherwise be landfilled. This innovative solution ensures competitive energy for Solvay's historic soda ash site in Dombasle, while complying with stringent environmental standards.

- 350 kilotons of RDF annually
- 100% coal phase-out for energy production
- - 240 kilotons of CO₂ emissions per year
- Secures ~1,000 direct and indirect jobs

Advancing Solvay's sustainability goals

Dombasle Energy will reduce the site's carbon footprint by 35%, contributing to Solvay's Group-wide goal of a 30% reduction in greenhouse gas emissions by 2030. As part of Solvay's decarbonization roadmap, this initiative supports the transition to a low-carbon society and reinforces Solvay's commitment to sustainable industrial transformation.