

WASTE & CLIMATE
CHANGE

WASTE TO
ENERGY



FRANCE - Cordemais



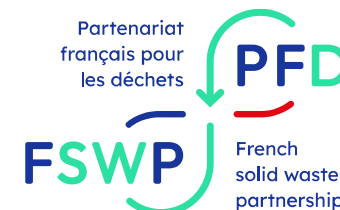
Ecocombust II

Black pellets from wood waste as a substitute for coal



Wood waste conversion into black pellets
to fuel the Cordemais coal-fired power plant

- Transformation of wood waste by steam cracking to produce 160,000 t of black pellets/year as an alternative fuel to coal.
- The plant uses 250,000 t/year of B-wood and 40,000 t/year of Solid Recovered Fuels.



CLIMATE BENEFIT:

- > 6 M T_{eq} CO₂ avoided over 20 years compared to fossil fuel
- > Fossil fuel substitution by renewable energy

CO-BENEFIT:

- > Energy autonomy
- > Existing coal-fired power plant infrastructure can be leveraged to produce green energy



COP28
UAE