



+ EARTH +

Carbon Credit Services



Closing the Loop in construction insulation

Soprema (France)



About the activity

- Transforms **recycled waste paper** into **cellulose insulation** at CSI Cestas.
- **Diverts paper from landfill/incineration** into high-performance thermal and acoustic cellulose insulation.
- **Produced locally** since 2010 as a bio-based alternative to mineral/fossil-based insulation.
- Matches conventional insulation **performance** while delivering positive carbon impact.

What makes it unique

- Made from 89% selected **recycled paper**, with **mineral additives** for durability and **fire safety**
- **Strong thermal performance** ($\lambda = 0.039\text{--}0.042 \text{ W/m}\cdot\text{K}$)
- Vapour diffusion resistance $\mu = 2$, supporting breathable wall assemblies
- **A-rated indoor air quality** and compliant with ETA-20/0378 certification

Why carbon finance

- Help **bridge the price gap** between conventional and bio-based insulation.
- Supports continued **production scale-up** and EPD improvements.
- Ensures recycled cellulose insulation remains **competitive** and scalable in the construction market.