

FOR A BETTER WORLD

GBCI Europe Circle 2023 - Neutrality

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Knauf Insulation is defined by Sustainability

FOR A
BETTER
WORLD



*Over the lifetime of buildings,
Knauf Insulation glasswool
products save 200 to 300 times
emissions generated in
manufacturing*

**But this is not enough
anymore, we need to go
beyond ...**

**... not an evolution but a
revolution !**

Resource

Energy

Design

KNAUFINSULATION



- **Recycled content - recyclability:** traditionally **glass cullet** (bottles, windows ...) average 60% of total batch.

In the context of circular economy, in 2022, a new **recycling plant RESULATION** for **construction & demolition mineral wool waste**

- **ECOSE Technology:** binder based on starch of plants. On-going research on **second generation** to step away from traditional agriculture sourcing



- **Gas & electricity:** main energy carriers. Most plants converted to **renewable electricity** (on / off sites). Looking for **biomethane** supply opportunities. **Electrification** is a fundamental trend. Longer term, **hydrogen & CCUS** also considered
- **CI – Continuous Improvement:** a **strategic driver** across manufacturing plants triggering **engagement** of colleagues: energy losses (heat recovery, compress air, lighting, motors control ...)



- **EcoDesign:** > 80% of products covered with **EPDs. Innovation** supported by ecodesign: products / systems & buildings
- **Health:** low **emissions** (Eurofins Gold), safe products **composition** (Declare Red List Free)
- **Growing focus on:** Summer **overheating**, enhanced **acoustical** performance, **fire safety**, **real energy** performance (positive) ... and **RENOVATION**

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KNAUFINSULATION



**Not an evolution, but a
revolution**

All 5000 employees on board

New targets 2032

Thank you !