



2 ideas:

- Optimisation of demolition waste sorting
- Waste evaluation platform as alternative solid fuel



Centre Terre et Pierre (CTP)
Belgium



Project Details

Project coordinator	Centre Terre & Pierre (CTP)
Other applicants	
Sector	Recycling, waste valorisation
Call of Interest	<input type="checkbox"/> CORNET
Proposal summary:	Recycle valuable materials from building demolition waste. Potential application in cement and concrete as fillers or solid fuel for cement production.
Advantages for SMEs, trade or industry:	Provide experiences to collect, sort and valorise valuable materials from waste streams (buildings, sludges ...)
Profile of partners sought:	Partners involved in cement and concrete R&D Associations involved in construction demolition Labo involved in analysis of risk assessment



Technology involved: crushing, grinding, separation and analysis

Major objectives: sort and recycle valuable materials from construction waste

Outcomes: minimise land filling, recovery of valuable products that could be used in different applications like in concrete. Reuse combustible material as solid fuel.

Actors: Partners with expertise in crushing, grinding and separation technologies,

Partners with expertise in cement and concrete to study effect of incorporating recycle fillers in concrete.

Partners with expertise in analysis of fume and gas emissions as well as in risk assessment.

Benefits: develop expertise in waste stream valorisation where demand will increase due to environment problem to be solved and cost and availability of raw materials.



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