

## Technology Request

### Scottish company seeking technology and know-how for recycling waste plasterboard.

#### Summary

*A Scottish SME specialising in waste recycling has developed a process for recycling used plasterboard from building projects to provide a lime product which can be used in agriculture. They are seeking to enter into a commercial agreement with technical assistance with an industry partner who can share best practice and supply them with, or help them to develop, a compact machine which will enable them to carry out the recycling efficiently at a local level.*

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#### Details

##### Description

Current legislation around the disposal of used and waste plasterboard has resulted in it becoming a major expense for companies in the building trade. A Scottish SME which operates within the recycling industry has been experimenting with a method of separating the component parts of waste plasterboard in order to make a lime product which can be used in the agriculture sector as a fertiliser. This is not a new concept and there is strict legislation governing the amount of the waste product which can be applied, its use as either a fertiliser or a soil improver and its proximity to water courses.

Having identified a local market for the product, the SME is looking to exchange knowledge and best practice with other businesses within the recycling industry who may have used a similar process. They are seeking either an existing machine which would be suitable for this process or an industry partner who could help them develop such a machine. They envisage working with an industry partner under a commercial agreement with technical assistance.

##### Technical Specification or Expertise Sought

The company is looking to source or develop a machine capable of separating out the component parts of plasterboard so that the plaster core can be ground down and used as fertiliser in the agriculture industry.

They require a compact machine which can be used at a local level to provide a service for small companies working in the construction sector.

## Keywords

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### Technology

02006001	Materials, components and systems for construction
03002	Process Plant Engineering
10003004	Recycling, Recovery

### Market

08001022	Agricultural chemicals
08004002	Chemical and solid material recycling

### NACE

A.01.6.1	Support activities for crop production
C.23.5.2	Manufacture of lime and plaster
F.43.9.9	Other specialised construction activities n.e.c.

## Network Contact

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### Issuing Partner

CONSELL GENERAL DE LES CAMBRES OFICIALS DE COMERC INDUSTRIA I NAVEGACIO  
DE CATALUNYA

### Contact Person

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### Phone Number

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**Open for EOI :**    **Yes**

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## Client

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### Type and Size of Organisation Behind the Profile

Industry SME 11-49

# Partnering Opportunity

**Year Established**

0

**Already Engaged in Trans-National Cooperation**

No.

**Languages Spoken**

English

**Client Country**

United Kingdom

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**Partner Sought**

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**Type and Role of Partner Sought**

They are seeking industry partners working in the field of recycling or the supply, design and manufacture of machinery. The role of the partners will be to share best practice and knowledge on the recycling process and to supply or develop an appropriate machine which the SME can use in its process.

**Type of Partnership Considered**

Commercial agreement with technical assistance