

Technology Offer

Technical support for valuation of waste as secondary raw material (SRM), dedicated to building industry, provided by a French SME

Summary

A French SME offers support and experimentation services, for waste valuation as a secondary raw material (SRM). Their strategy relies on recovering all types of materials from various industries, i.e treatment, clean up and adaption for the construction sector. Indeed, they look for building industry partners to develop the reuse of waste/used material, with the aim to adapt them to the local specific context (regulations, country specificities, etc.) through technical agreement.

Creation Date	17 November 2016
Last Update	07 December 2016
Expiration Date	07 December 2017
Reference	TOFR20161117001

Details

Description

The French client is a SME structure of R&D, assimilated to a technical platform, established in 2010, and dedicated to analysis, studies and specific developments for industrial applications in the area of recycling, waste treatment, biomass and environmental acceptability of the use of secondary raw.

The technical offer concerns valuation of waste as secondary raw material (SRM) for the building and civil engineering works.

For both partners and the French platform, the stake is to contribute to the conservation of the resources, to the reduction of polluting emissions with curative and preventive approaches as well as to the control of environmental risks.

According to the industrial partner scenario of valuation and the characteristics of its waste, the environmental acceptability of the use of secondary raw materials can require various ways of characterization, from simple tries of washing to specific studies with rebuilding of the scenario at experimental scale.

The French platform offer consists in:

- Characterizing the properties of danger: checking the dangerous or non-hazardous status of waste.
- Examining the prefeasibility of valuation of the SRM: characterization of the SRM composition.
- Evaluating the scenario: characterization of substances emitted by the materials, in conditions close to the industrial context.

For example, they achieved some collaboration in national and regional research programs, for the French ministry of ecology, large industries and professional unions.

They also worked on various SRM such as recycled concrete, brauxaline, etc.

The platform of technological innovation has for objective to offer companies mutualized resources in the strategic domain of Ecotechs / Cleantechs and more particularly sustainable management of the environments strongly modified (industrial and urban).

They propose innovative techniques of cleanup and production of new energies, but also in the field of the day before and of the decision-making support for the implementation of eco-strategies.

Hence, the platform is looking for technical cooperation agreements to support potential clients in their technical development in order to use SRM into their building and/or recycling processes.

Advantages and Innovations

For the clients / partners :

- The company can operate developments, and study on demand, with specific time constraints. The tests are custom made and adaptable.
- Their work focus on the use of secondary raw materials (characterization, eco-design/eco-conception, environmental acceptability and legal compatibility)

The offer relies on :

* Scientific expertise:

- Scientific and technical analysis of the industrial requests
- Normative, statutory, regulatory intelligence
- Various services such as characterization, material composition analysis.

* Support:

- Research for industrial and academic partners
- In-service training on demand
- Incubation support

Stage of Development

Already on the market

Comments Regarding Stage of Development

Platform dedicated to analyses, studies and specific developments of industrial applications for SRM

IPR Status

Secret Know-how

Profile Origin

Private (in-house) research

Keywords

Technology

02006001	Materials, components and systems for construction
02006007	Management of construction process & life
10002007	Environmental Engineering / Technology

Market

08004004	Other pollution and recycling related
09007002	Manufacture of construction materials, components and systems
09007004	Engineering and consulting services related to construction

NACE

M.72.1.9	Other research and experimental development on natural sciences and engineering
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Network Contact

Issuing Partner

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

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Open for EOI : **Yes**

Dissemination

Send to Sector Group

Environment

Client

Type and Size of Organisation Behind the Profile

Industry SME 50-249

Year Established

2010

Turnover

10 - 20M

Already Engaged in Trans-National Cooperation

Yes

Experience Comments

Scientific platform dedicated to specific development on environmental applications

Languages Spoken

English
French

Client Country

France

Partner Sought

Type and Role of Partner Sought

Industrials (SME, mid-caps or large companies) from building industry and civil engineering sector.

Partners needing to use secondary raw materials for construction and/or renovation of all types of buildings (industrial, individual, district).

The French SME can help you adapt to specific regulations related to secondary raw materials use.

Partners have to define their specifications, approve experimentations and studies, and finally try to integrate the selected solution(s)/process(es) in their business unit.

The French client is looking for technical studies and technological agreements to reuse raw materials.

Type and Size of Partner Sought

SME 11-50, SME <10,>500 MNE, 251-500, SME 51-250, >500

Type of Partnership Considered

Technical cooperation agreement

Attachments

SRM.png

