

Technology Request

A Chinese company is looking for solutions for the concentrated liquid caused by the treatment of landfill leachate

Summary

A Chinese leading environmental solid waste treatment company is looking for solutions for the concentrated liquid caused by the treatment of landfill leachate with membrane method. They want to cooperate with partners through research cooperation agreement and technical cooperation agreement.

Creation Date	02 March 2016
Last Update	07 March 2016
Expiration Date	07 March 2017
Reference	TRCN20160302001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/e0024a7a-86e2-422c-b9a4-4bacc9e9cc42

Details

Description

This Chinese company was established in 2010.

The main products and services include household waste treatment, heavy metal pollution treatment and recycling of various kinds of metals.

The company owns a combination of three platforms, including resource integration platform, technology R&D platform as well as investment and financing platform.

The company is looking for partners for research cooperation agreement and technical cooperation agreement of solutions for the concentrated liquid caused by the treatment of landfill leachate with membrane method. The concentrated liquid is mainly composed of biorefractory organic compound. The volume of the liquid to be treated is about 200 tons per day in cities and 1-10 tons per day in rural areas.

After the treatment of NF/RO (nano filtration/nano filtration) membrane, landfill leachate will produce about 30% highly concentrated liquid. The company is in search of an advanced and feasible technology to deal with the concentrated liquid mentioned above. The running cost of the treatment should be low, with an investment less than 50 thousand per ton, and an operating cost of about 10 euro per ton. The subsequent waste should be disposed easily.

Technical Specification or Expertise Sought

Solutions for the highly concentrated liquid caused by the treatment of landfill leachate with membrane method. The technology should be feasible and the operating cost should be low. Waste produced by the treatment should be disposed easily.

Keywords

Technology

10002011	Soil and Groundwater Pollution
10003003	Land and Sea Disposal
10003004	Recycling, Recovery

Market

08004003	Water treatment equipment and waste disposal systems
08004004	Other pollution and recycling related

NACE

E.38.2.1	Treatment and disposal of non-hazardous waste
E.38.2.2	Treatment and disposal of hazardous waste
E.39.0.0	Remediation activities and other waste management services

Network Contact

Issuing Partner

CONSELL GENERAL DE LES CAMBRES OFICIALS DE COMERC INDUSTRIA I NAVEGACIO
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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

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English

Chinese

Client Country

China

Partner Sought

Type and Role of Partner Sought

The company is looking for R&D institutions, universities or companies involved in advanced technologies of household waste treatment. The company is interested in research cooperation agreement and technical cooperation agreement.

Type and Size of Partner Sought

University, R&D Institution, >500 MNE

Type of Partnership Considered

Technical cooperation agreement

Research cooperation agreement