

## Technology Request

---

# Recycling company from Greece is looking for a glass label removal solution for bottles under a technical agreement

---

### Summary

---

*A medium-sized Greek company is active in the field of solid waste recycling. The company is looking for a suitable technology for removing labels from glass surfaces, under commercial agreement with technical assistance.*

<b>Creation Date</b>	10 December 2018
<b>Last Update</b>	30 December 2018
<b>Expiration Date</b>	31 December 2019
<b>Reference</b>	TRGR20181210001
<b>Public Link</b>	<a href="https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/88ffbc3c-22e7-4072-bd7f-bbb9f0a115c4">https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/88ffbc3c-22e7-4072-bd7f-bbb9f0a115c4</a>

---

### Details

---

#### Description

A medium-sized Greek company is active in the field of recycling since 1994. The company undertakes collection and the management of solid waste for municipalities, large companies etc. The company is dealing with the sorting of recyclable solid waste regarding paper and glass. The company aims to recycle the packaging materials as well as to the promotion of recyclable materials in Greece and abroad, like paper industries, plastic industries, metal industries, etc.

In the phase of optical separation, glass-tagged pieces go to waste, because the system recognizes the labeled glass pieces as foreign bodies. A technological solution is sought in which it will be possible to remove labels and glue residues from the glass without altering its composition, in order to allow further processing.

The Greek company would like to cooperate with technical providers of specialized recycle equipment under a commercial agreement with technical cooperation.

#### Technical Specification or Expertise Sought

The Greek SME is looking for a technical or technological solution of removing labels of glass surfaces.

Especially, the proposed method should provide for removing labels and glue residues from glass (glass bottles, vases, etc.) by cleaning or burning and for glass surfaces that are not

necessarily flat.

## Stage of Development

Already on the market

## Comments Regarding Stage of Development

## IPR Status

Secret Know-how

---

## Keywords

### Technology

02007007                      Glass  
10003004                      Recycling, Recovery

### Market

08004002                      Chemical and solid material recycling

### NACE

C.32.9.9                      Other manufacturing n.e.c.

---

**Open for EOI :**    **Yes**

---

## Dissemination

### Relevant Sector Groups

Bio Chem Tech  
Environment  
Materials  
Nano- and Microtechnologies

---

## Client

### Type and Size of Organisation Behind the Profile

Industry SME 50-249

**Year Established**

1994

**Already Engaged in Trans-National Cooperation**

No.

**Languages Spoken**

English  
Greek

**Client Country**

Greece

---

**Partner Sought**

---

**Type and Role of Partner Sought**

The Greek company is looking for a suitable partner company to provide a technological solution for removing labels from glass surfaces under commercial agreement with the necessary technical assistance. The partner could be an integrator or a producer of suitable equipment for this process.

**Type and Size of Partner Sought**

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

**Type of Partnership Considered**

Commercial agreement with technical assistance