

# Partnering Opportunity

Profile status : Published

## Technology Request

**A Japanese plastic products manufacturer is looking for partners in the EU that can provide food-loss prevention technologies and is specifically interested to co-develop a bottle cap with measuring capabilities**

### Summary

*This Japanese company established in 1917 manufactures plastic products including advanced airless bottles which are used for food, cosmetics, and personal care product packaging. The company is looking for an EU partner that is willing to co-develop or produce a bottle cap that can also function as a measuring tool. The company is generally interested in technologies that prevent food-loss and willing to engage in license, technical & research cooperation, and commercial agency agreements.*

<b>Creation Date</b>	04 February 2021
<b>Last Update</b>	05 February 2021
<b>Expiration Date</b>	06 February 2022
<b>Reference</b>	TRJP20210204001
<b>Public Link</b>	<a href="https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/c854428a-61e1-4398-8d9c-7f8f72271b2e">https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/c854428a-61e1-4398-8d9c-7f8f72271b2e</a>

### Details

#### Description

This Japanese company specialized in plastic products manufacturing with over a century of history is looking for partners in the EU. The company produces various plastic products with their blow moulding technology and its clients are generally in the automobile, food, medical, cosmetic, housing, and other similar industries. They have

manufacturing partners in Asia and the United States and are now looking to cooperate with EU partners.

The company has developed advanced airless bottles, including double-structure and multilayer bottles, designed to prevent oxidation and reduce residual content. This type of bottle is generally used in food packaging, cosmetics, and personal care products. The company would like to engage in a technological partnership with an EU partner to improve the usability of their bottles and provide additional value for consumers.

Specifically, the technology sought by the Japanese company is a bottle cap that can function as a measuring or weighing tool. In the existing market there are pumps that can discharge an estimated quantity, but a cap with similar capabilities has never been introduced. Squeeze bottles with such a measurement cap will allow consumers to extract the necessary quantity for cooking recipes. Furthermore, it can also allow more accurate dosing of cosmetics. Although not as high of a priority as the cap, the company is also interested in various technologies that tackle the issue of food loss and other packaging-related technologies as described in the "Technical Specification or Expertise Sought" box.

The Japanese company seeks to collaborate with EU companies or research institutions in the form of a technical cooperation agreement where the partner does research into the technical possibilities and requirements of the requested technology, a license agreement for existing technology provided by potential partners, or a commercial agreement with technical assistance with a company that is able to develop a measurable bottle that complies with the clients' demands. The technical assistance necessary would be in the form of detailed knowledge exchange with the partner to ensure a compatible manufacturing process. Research cooperation could also be an option where both companies bundle their researching capabilities.

## Technical Specification or Expertise Sought

The Japanese company is looking for a company with expertise in the packaging technology of food & beverages, cosmetics, and health & personal care. The company should have sufficient knowledge in these fields to provide an innovative bottle cap capable of measuring or weighing specific quantities in such a way it adds additional value for customers. The partner must have access to advanced technology related to the manufacturing, processing, coating, and design topology optimization of packaging.

The company is not only looking for measurable cap solutions, they are interested in various technologies related to solving food loss issues. One such example is "slide coating". They also are looking for solutions related to packaging technology such as absorbent materials, adhesive technologies, self-healing material, deodorization, microfabrication, non-destructive inspection, just to name a few. They welcome inquiries from companies with competency in these fields.

## Keywords

### Technology

02001001	3D printing
02002002	Coatings
03004008	Plastics and Rubber related to Chemical Technology
05004003	Adsorption
08001003	Food Packaging / Handling

### Market

08001001	Plastic fabricators
----------	---------------------

08001005

Other fabricated plastics

08001007

Coatings and adhesives manufactures

**NACE**

C.22.2.9

Manufacture of other plastic products

---

**Network Contact**

**Issuing Partner**

EU-Japan Centre for Industrial Cooperation

**Contact Person**

Rijnties Mark

**Phone number**

+8136040281

**Email**

*info-eu@een-japan.eu*

---

**Open for EOI:**     **Yes**

---

**Dissemination**

**Restrict dissemination to specific countries**

Austria, Belgium, Bulgaria, Czechia, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Luxembourg, Netherlands, Poland, Portugal, Romania, Spain, Sweden

---

**Client**

**Type and Size of Organisation Behind the Profile**

Industry >500

**Year Established**

1917

**Turnover**

250 - 500M

**Already Engaged in Trans-National Cooperation**

Yes

**Certifications Standards**

ISO 9001  
ISO 14001

**Languages Spoken**

English

**Client Country**

Japan

---

**Partner Sought**

**Type and Role of Partner Sought**

The Japanese company is interested in establishing long-term agreements with potential partners offering technological solutions to food-loss and general packaging issues. The company is looking to engage in a technical cooperation agreement with a potential partner where the partner does research into the technical possibilities and requirements of the requested technology, a license agreement for existing technology provided by potential partners, or a commercial agreement with technical assistance with a company that is able to develop a measurable bottle that complies with the clients' demands. The technical assistance necessary would be in the form of detailed knowledge exchange. Research cooperation could also be an option where both companies bundle their researching capabilities. The company welcomes potential partners in any size, including start-ups.

**Type and Size of Partner Sought**

SME 11-50, University, R&D Institution, SME <10, 251-500, SME 51-250, >500

**Type of Partnership Considered**

License agreement  
Commercial agreement with technical assistance  
Technical cooperation agreement  
Research cooperation agreement

---

## Attachments

---