

French confectionery company seeking an innovative technology for recycling and valorisation of bubble gum production waste.

Summary

Profile type

Technology request

Company's country

France

POD reference

TRFR20260618018

Profile status

PUBLISHED

Type of partnership

**Commercial agreement with
technical assistance**

Targeted countries

- **Luxembourg**
- **Italy**
- **Croatia**
- **Austria**
- **Czechia**
- **Lithuania**
- **Romania**
- **Slovenia**
- **Cyprus**
- **Greece**
- **Spain**
- **Bulgaria**
- **Sweden**
- **Malta**
- **Netherlands**
- **Poland**
- **Ireland**
- **Denmark**
- **Finland**
- **Slovakia**
- **Estonia**
- **Portugal**
- **Hungary**
- **Belgium**

- **United Kingdom**
- **Germany**
- **Latvia**

Contact Person

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Term of validity

18 Jun 2026**18 Jun 2027**

Last update

18 Jun 2026

General Information

Short summary

A French industrial confectionery company, is seeking a technology solution to recycle bubble gum paste waste generated during its production. The aim is to valorise approximately 80 tonnes of waste per year. The paste comes in the form of blocks. The company is looking for partners for a commercial agreement with technical assistance to implement an efficient and compliant recycling solution.

Full description

Founded in 1985, a French industrial confectionery company (employing 190 staff) active in the production of bubble gum and related products is facing challenges related to the management of its bubble gum paste waste generated during the manufacturing process.

The company generates approximately 80 tonnes per year of bubble gum paste waste as a by-product of its manufacturing process. This waste is produced in the form of compact blocks weighing several dozen kilograms and is currently treated as general industrial waste.

The material has specific characteristics that make it difficult to process using conventional waste treatment methods. It contains elastomers and resins, giving it a highly elastic and non-brittle structure. The material can become hard externally while remaining malleable internally. It softens when heated and cannot be crushed unless cooled below freezing.

Due to its composition, traditional waste management methods such as incineration or anaerobic digestion are not suitable. The company is therefore seeking a technical solution capable of processing this material in order to improve recycling efficiency and reduce environmental impact.

The objective is to identify a solution that is technically feasible, economically viable, and compliant with European regulations. Implementation is foreseen at two industrial sites, located approximately 300 km apart.

The company is specifically interested in a commercial agreement with technical assistance, allowing the integration of the proposed technology into its industrial processes. The expected outcome is the deployment of a sustainable and economically viable recycling solution.

Advantages and innovations

Technical specification or expertise sought

The company is looking for partners with technologies or expertise capable of:

- Processing or transforming elastomer-containing bubble gum waste
- Managing elastic, temperature-sensitive, and non-brittle materials
- Enabling recycling, material recovery, or alternative valorisation pathways
- Providing scalable and economically viable solutions
- Ensuring compliance with European environmental and industrial standards

Stage of development

Already on the market

IPR Status

Sustainable Development goals

• **Goal 15: Life on Land**

IPR Notes

Partner Sought

Expected role of the partner

The partner is expected to:

- Provide or develop a suitable technology for processing bubble gum waste
- Adapt the solution to the specific characteristics of elastomer-based materials
- Participate in feasibility studies, testing, and validation
- Support industrial scale-up and integration
- Provide technical assistance during implementation

Type of partnership

Type and size of the partner

Commercial agreement with technical assistance

- SME 11-49
- SME 50 - 249
- Big company
- SME ≤ 10

Dissemination

Technology keywords

- **10003001 - Biotreatment / Compost / Bioconversion**
- **10003004 - Recycling, Recovery**

Market keywords

- **07004008 - Other consumer products**

Targeted countries

- Luxembourg
- Italy
- Croatia
- Austria
- Czechia
- Lithuania
- Romania
- Slovenia
- Cyprus
- Greece
- Spain
- Bulgaria
- Sweden
- Malta
- Netherlands
- Poland
- Ireland
- Denmark
- Finland
- Slovakia
- Estonia
- Portugal
- Hungary
- Belgium
- United Kingdom
- Germany
- Latvia

Sector groups involved

- Agri-Food