

A BELGIAN COMPANY Seeks Manufacturing and optionally Distribution Partnership for an innovative inflatable flood protection system.

Summary

Profile type

Business request

Company's country

Belgium

POD reference

BRBE20260115010

Profile status

PUBLISHED

Type of partnership

Supplier agreement
Outsourcing agreement

Targeted countries

• World

Contact Person

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Term of validity

15 Jan 2026
15 Jan 2027

Last update

15 Jan 2026

General Information

Short summary

The system (to be manufactured) is an innovative inflatable flood protection system designed to safeguard homes and buildings. It consists of a durable, air-filled barrier that can be quickly deployed in front of doors and openings (windows/garage) to block rising water. Lightweight, reusable, and easy to install without tools, it offers a cost-effective and efficient solution for preventing flood damage

Full description

The product is a flood protection system designed for residential and commercial buildings. It consists of a robust inflatable barrier that can be rapidly deployed in front of doors, windows, or other openings to prevent water ingress during flooding events. The system is manufactured from high-strength, waterproof materials ensuring durability and multiple reuse cycles. It is lightweight, compact, and requires no tools for installation, allowing quick and easy deployment even in emergency situations. Its design minimizes storage space and simplifies handling compared to traditional sandbags or rigid barriers. By creating a tight seal against openings, Bigimot effectively reduces property damage and operational downtime. This solution offers a cost-efficient and practical approach to flood risk management, supporting resilience for homeowners, businesses, and municipalities facing increasingly frequent extreme weather conditions.

Advantages and innovations

Advantages

- Rapid Deployment: Can be installed in minutes without tools or specialized skills.
- Lightweight & Compact: Easy to store and transport compared to traditional sandbags.
- Reusable: Designed for multiple uses, reducing long-term costs.
- Cost-Effective: Lower overall expense compared to permanent flood barriers.
- Versatile: Fits various opening sizes (doors, windows, gates).

Innovations

- Inflatable Technology: Creates a tight seal against openings, improving water resistance.
- High-Strength Materials: Ensures durability and performance under pressure.
- Modular Design: Adaptable to different building configurations.
- Eco-Friendly Approach: Reduces waste compared to single-use sandbags.
- Quick Response Solution: Ideal for emergency flood situations.

Technical specification or expertise sought

Technical Specification

- Type of product: Inflatable flood protection barrier
- Material: High-strength, waterproof, tear-resistant fabric with reinforced seams(tridim)
- Dimensions: Adaptable to openings from 90 cm to cm (custom sizes possible)
- Inflation system: Manual or electric pump, rapid inflation (<1 minute)
- Weight: Lightweight for easy handling and storage
- Performance: Water-tight seal, resistant to hydrostatic pressure during flooding
- Reusability: Designed for multiple uses, easy cleaning and maintenance

Expertise Sought

- Manufacturing partners experienced in high-frequency welding and waterproof textile production
- Suppliers for durable, eco-friendly materials
- Distributors specialized in flood protection or emergency equipment
- Technical collaboration for optimizing sealing technology and modular design

Stage of development

Under development

Sustainable Development goals

- **Goal 13: Climate Action**
- **Goal 11: Sustainable Cities and Communities**
- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 12: Responsible Consumption and Production**

IPR Status

IPR applied but not yet granted

IPR Notes

Partner Sought

Expected role of the partner

- Manufacturing: Produce inflatable barriers according to technical specifications (high-strength waterproof materials, reinforced seams, modular sizes).
- Technical Expertise: Support in material selection, sealing technology, and quality assurance for flood protection performance.
- Supply Chain: Provide reliable sourcing of eco-friendly, durable fabrics and components.
- OPTIONAL : Distribution: Act as a distributor or reseller

Type of partnership

Supplier agreement

Outsourcing agreement

Type and size of the partner

• **SME 50 - 249**

• **SME 11-49**

• **Big company**

Dissemination

Technology keywords

- **01004006 - Environment Management Systems**
- **10004011 - Flood Management**

Targeted countries

- **World**

Market keywords

- **09007003 - Distribution of building products and systems**
- **08004004 - Other pollution and recycling related**
- **08003007 - Other industrial equipment and machinery**

Sector groups involved

Media

Images



[BIGMOT.jpg](#)