

Innovative modular program of outdoor equipment, suitable for fitness or other outdoor uses

Summary

Profile type

Technology offer

Company's country

Slovenia

POD reference

TOSI20230306005

Profile status

PUBLISHED

Type of partnership

**Commercial agreement with
technical assistance
Investment agreement**

Targeted countries

- **Austria**
- **Denmark**
- **Germany**
- **Poland**
- **Belgium**
- **Sweden**
- **France**
- **Luxembourg**
- **Netherlands**

Contact Person

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Term of validity

**6 Mar 2023
5 Mar 2024**

Last update

6 Mar 2023

General Information

Short summary

Slovenian producer developed innovative flexible modular outdoor elements of aluminum, combined with other materials. Innovative joining component enables disassembling and reconfiguration of existing construction and the reusing of elements. The company is looking for partners for technology transfer, offering a commercial agency agreement with technical assistance or a license agreement.

Full description

They developed a modular program of outdoor equipment, suitable for fitness or other outdoor uses, such as an outdoor classroom, playroom, or space for socializing. All the elements are environmentally friendly, flexible, and mobile, so they can be easily reconfigured, and assembled at the point of installation. and disassembled for reusing parts in new products or moved to another location.

Universal and flexible elements allow high degrees of freedom of design and fast development of unique products.

The elements developed introduced innovative technological and constructional solutions with embedded Internet of Things along with the innovative design (photo Cube, Airplane, Interactive climbing wall). The company aims to develop long time partnerships with companies, which have an interest in developing new or upgrading their existing business for providing solutions for open urbane spaces, which include designing, manufacturing, equipping, and servicing, by using technologically advanced solutions developed by Slovenian clients. The company is looking for partners in Austria, Germany, Belgium, Netherlands, Luxembourg, Poland, Sweden, Denmark or France, offering a commercial agency agreement with technical assistance for implementing their technology and products or license agreement.

Advantages and innovations

Their innovative approach of integrated content solutions for equipping open urban spaces is sustainable. With the Internet of Things integrated into products users get new functionalities and services in open public places, which were until now mostly reserved for indoor uses. In addition, the outdoor equipment for playgrounds, parks, and other outdoor areas, made of aluminum has many advantages, such as low density, good mechanical properties, and good corrosion resistance, very good thermal and electrical conductivity, and in particular, a long life span with practically no maintenance costs (more than 15 years guarantee). The concept is environmentally oriented, offering solutions that can be implemented in degraded areas, which can be turned into attractive points for socializing and outdoor activities. The products are tested in different fields and bear certificates: the safety assessment of a playground and certification salt chamber test. The producer follows also the standards: SIST EN 1176, SIST EN 16630, ENEC certificate.

Technical specification or expertise sought

Stage of development

Already on the market

IPR Status

IPR granted

Sustainable Development goals

- **Goal 11: Sustainable Cities and Communities**
- **Goal 17: Partnerships to achieve the Goal**
- **Goal 1: No Poverty**
- **Goal 8: Decent Work and Economic Growth**
- **Goal 3: Good Health and Well-being**

Partner Sought

Expected role of the partner

Type of partner:
Sensor technology and electronic components, AI-based application development

Role of the partner:
 Technical Cooperation Agreement
 Joint Venture Agreement
 Licence Agreement

Type of partnership

Commercial agreement with technical assistance

Investment agreement

Type and size of the partner

• **SME 11-49**

• **SME 50 - 249**

Dissemination

Technology keywords

- **02001 - Design and Modelling / Prototypes**
- **01003003 - Artificial Intelligence (AI)**

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Market keywords

- **02007028 - Other software related**
- **08005 - Other Industrial Products (not elsewhere classified)**

Sector groups involved