

Innovative technological wooden and metal solution structures for outdoor bicycle storage.

Summary

Profile type	Company's country	POD reference
Technology offer	Latvia	TOLV20230404002
Profile status	Type of partnership	Targeted countries
PUBLISHED	Commercial agreement with technical assistance	• World
Contact Person	Term of validity	Last update
Annamaria DI PATRIZIO	4 Apr 2023 3 Apr 2024	4 Apr 2023

General Information

Short summary

SME from Latvia offers the manufacturing of various products made out of metal and wood. They have developed innovative technological solution for outdoor bicycle storage. The company is interested in the manufacturing agreement and/or commercial agreement with technical assistance for the structure solution final improvement and implementation in production.

Full description

A bike storage is the best place to store your bicycles if you keep them in your garden or yard. And the best bike storage should be secure, weatherproof and practical to use on a daily basis. Usually they are made from plastic (resin or vinyl), metal, or wood. And each of them has their own advantages and disadvantages. A wooden bike shed or storage is probably the most environmentally. Metal is obviously the strongest construction material and also extremely weather resistant but the external appearance is not attractive. So the company has developed mixed innovative solution for bicycle storage from wood and metal structures combining the best properties of both materials.

The structure can be disassembled and assembled, which makes it possible to move the structure if necessary, as well as changing the finishing material is easy. The structure has adjustable base feet that make it possible to place it on an uneven surface. The structure is painted with powder paint, but it can also be galvanized. All parts are compactly assembled in a container or a box, which reduces delivery costs.

Bicycle storage can be equipped with solar panels on the roof. Using the energy produced by solar panels to charge electric bicycles and electric scooters.

The company is interested in offering their technical experience in a form of manufacturing agreement (good manufacturing capacities) or commercial agreement with technical assistance (transfer of the technology with the provision of additional support services).

Advantages and innovations

- The structure can be installed anywhere, including on the lawn and at any time of the year;
- Construction dimensions – 5.1 m wide x 2 m deep x 2.2 m high. Finishing material – polycarbonate
- Various sizes available
- The structure can be disassembled and assembled, which allows to move if necessary;
- Replacement of finishing materials is possible;
- The structure is powder-coated (tone of choice);
- The structure can be equipped with lighting elements for better night visibility.
- Delivery assembled and disassembled is possible.

Technical specification or expertise sought

Stage of development

Already on the market

IPR Status

Secret know-how

Sustainable Development goals

• **Goal 17: Partnerships to achieve the Goal**

Partner Sought

Expected role of the partner

Company is currently actively supplying local businesses, governments, town halls and house associations with their constructions. Latvian enterprise constantly modernizes and improves both production processes and designs. The company is looking for partnership in the form of businesses of any size, governments, town halls, municipalities etc as well as house associations to work under manufacturing agreements or commercial agreement with technical assistance for the structure solution final improvement and implementation in production.

Type of partnership

Type and size of the partner

Commercial agreement with technical assistance

- **SME 50 - 249**
- **Big company**
- **SME 11-49**
- **Other**
- **SME <=10**

Dissemination

Technology keywords

- **02006002 - Construction methods and equipment**
- **02006004 - Installations related to construction (energy, lighting, ...)**
- **02006005 - Construction maintenance and monitoring methods & equipment**

Targeted countries

- **World**

Market keywords

- **009007005 - Construction services**
- **009007006 - Other construction and building products related**
- **009007001 - Construction**

Sector groups involved