

# The Polish inventor offers technology for the construction industry

## Summary

Profile type	Company's country	POD reference
<b>Technology offer</b>	<b>Poland</b>	<b>TOPL20230607004</b>
Profile status	Type of partnership	Targeted countries
<b>PUBLISHED</b>	<b>Investment agreement</b>	<b>• World</b>
Contact Person	Term of validity	Last update
<a href="#">Rita Elste - Tomson</a>	<b>7 Jun 2023</b> <b>6 Jun 2024</b>	<b>7 Jun 2023</b>

## General Information

### Short summary

The Polish design studio run by engineer designer offer concept of modern building system that allows to optimize construction process and costs. This may be illustrated by architecture projects of building objects. The concept of this technology allows using robots, cobots, artificial intelligence and vision computing in the construction process and projects.

### Full description

The Polish design studio has unique portfolio of inventions and innovations in many fields. They deliver 3D/CAD designs for concept ideation (images, visualizations, animations), a document with description of patent applications of an invention to register it in UPSTO/EUIPO or other office (with sketch -full or provisional patent). For this they deliver: an a business strategy as a business model canvas, business plan (according to financial reporting standards with matrix and metric modeling, financial montage for 5 years), pitchdeck, teaser, brief (screenplay), QSWOT market analysis (competitors comparison), surveys. All depends on the maturity of the interested company and the level of experience, existence on market or potential of project and their needs to deploy solution. They have strong focus on patents (technical, robotics, biotechnology, automotive, military, aero/space, mobility in air, water, architecture). By this they are building strategies called "intellectual property boosting" to support companies by innovative projects.

At the moment they offer a concept of breakthrough technology for construction industry based on the modification of building blocks or bricks. More details will be explained to interested companies or investors.

Advantages and innovations

The modern building system allows to optimize construction process and costs. This may be illustrated by architecture projects of building objects. The concept of this technology allows using robots, cobots, artificial intelligence and vision computing in the construction process and projects.

Technical specification or expertise sought

Stage of development

**Under development**

Sustainable Development goals

- **Goal 7: Affordable and Clean Energy**
- **Goal 9: Industry, Innovation and Infrastructure**

IPR Status

**Secret know-how**

## Partner Sought

Expected role of the partner

An investor to commercialised developed technology is searched for. The best partner would be a company which produces:

- building materials (hollow bricks, blocks and similar larger ones)
- machines for the production of building materials as above
- #bim #cad #cam #3d technologies and uses them in the industry (#archicad) - software for the construction industry in the topics as above (additional tools needed)

Great if company has distribution channels and expansion strategy in Europe.

Type of partnership

Type and size of the partner

### Investment agreement

- Big company
- Other
- SME <=10
- SME 11-49
- SME 50 - 249
- R&D Institution

## Dissemination

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#### Technology keywords

- 002006002 - Civil engineering
- 002006001 - Building Materials, Components and Methods

#### Targeted countries

- World

#### Market keywords

- 009007002 - Manufacture of building materials
- 009007001 - Construction

#### Sector groups involved

- Construction