

Pitching Session



Southwest Hungarian
ENGINEERING CLUSTER

Mr. Balázs Csirke

Chairman

Pitching Session

Mr. Balázs Csirke, SWHEC








Southwest Hungarian Engineering Cluster, SWHEC



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ENGINEERING CLUSTER

Who are we?
What do we offer ?
What are we looking for?

Overview of Southwest Hungarian Engineering Cluster

| | | | |
|---|--|--|--|
| 47 Cluster members | 7 large companies | 38 SMEs | 1 Knowledge Center |
| |  |  |  |
| |  Net revenue: 500 M EUR |  |  |
|  Number of Employees: cc 6000 | | | |

Offer: Our Product Portfolio

- **Design and manufacturing of customized machines for the**

Food industry & agriculture

Automotive industry

Pharmaceutical industry

Packaging industry

Equipment manufacturing

- **Manufacturing of unique or small series metal parts metal**

(milled components, steel structures, electro-filter casings, rolling-chain tracks, mechanical safety technology equipment, engine and generator casings, instrument casings)

- **Electric device manufacturing**

- **Motor vehicle manufacturing for** (e.g. superstructure of aluminium silo vehicles, communal waste collectors etc.)

- **Installation and maintenance** of complete technological systems

- **Hydrogen Fuel Cell (PEM Fuel Cell) integration** for different utilities

Offer: Our Product Portfolio

Specifically with high added value products, custom-tailored machines :

- Water management technology – Hidrofilt Ltd.
- Painting technology – Knipl Ltd.
- Meat processing technology – Sampo Ltd.
- Packaging machinery – Somapak Ltd.
- Kontakt-Elektro Ltd.
 - Automation of industrial manufacturing technologies
 - Hydrogen supplied PEM fuel cells equipments for mobile applications
 - Design&manufacturing of control cabinets, systems



Looking for:

- **Peripheral equipment** (e. g. liquid chillers, air conditioning) **for painting** technology in accordance **with US (UL) standards**, country-specific fire/work safety consultants
- **AI solutions** for **electrical and mechanical systems design verification**
- **Advanced solution for foreign part detection in processed food**
- Designed for custom manufacturing: **production optimization and production planning software**
- Small capacity (15 KW - 100 KW) **electrolyzing technology**
- **3d model design-based product manufacturing with AI assisted programming and production** - to replace human production processes-
- For **common product development: mobile water treatment plants** with bottling line powered by solar plant - searching for prototype for this
- **Cooperation partners** for international projects – both for our cluster and our members (enterprises, universities and chamber of commerce)

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