Pitching Session

Ferenc Fedor PhD, MBA

Southwest Hungarian Engineering Cluster

Capes
Geology - Mining
Geothermy - Energetics
Introduction of
-Southwest Hungarian Engineering Cluster, SWHEC

-Cluster of Applied Earth Sciences, CAPES
Overview of SWHEC and CAPES

<table>
<thead>
<tr>
<th>44 Cluster members</th>
<th>7 big companies</th>
<th>35 SME</th>
<th>1 Knowledge Center</th>
</tr>
</thead>
</table>

Management organisation: Chamber of Commerce and Industry of Pécs-Baranya, 2011

Net revenue: 500 M EUR

Number of Employees: cc 6000

31 members

1 big

18 SME-s

3 Public bodies & Non-profit

9 Institutes & Universities
Offer: Our Product Portfolio

SWHEC - High added value products, custom-tailored machines:
- Water management technology - Hidrofilt Ltd.
- Painting technology - Knipl Ltd.
- Packaging machines - Somapak Ltd.
- Meat processing technology - Sampo Ltd.
- Kontakt-Elektro Ltd.
  - Automation of industrial manufacturing technologies
  - Hydrogen supplied PEM fuel cells equipments for mobile applications
  - Design & manufacturing of control cabinets, systems

CAPES – Geology, mining, geothermal, energetics
- High-tech laboratory equipment, Smartlab – GEOCHEM
- Exploration, laboratory, consultancy – Rock Study, Hungarian Oil Company, Aurora, Geomega
- Education, R&D cooperation - Universities

CAPES cooperation with Hungarian Water Partnership and Geogold Kárpátia

innovative & sustainable solutions to water challenges
Looking for:

Widening our portfolio of procurement and seeking new technologies:
- Communicaton modules, PLC, sensors
- PVDF pipes/rods/sheets/fittings- Hidrofilt Ltd.
- Plate feeding towers for Baykal plane laser- Solar FM Ltd.
- Kontakt-Elektro Ltd.
  - Small capacity (15 KW - 100 KW) electrolyzing technology
  - Component suppliers for hydrogen applications (heat exchanger, tubes, fittings, tanks)
  - Partners looking to enter the EU market in the electrolysis (500 kW - 1 MW) industry

Wanted Partner: for common product’s development
- 3in1-HIDRO-WELL mobile water treatment plants with bottling line and with solar plant
- Joint development in hydrogen technology

CAPES
- Partners, investors for Smart Laboratory investment in South-Africa – GEOCHEM
- Information on the regulatory regime and investment possibilities for water exploration and use
- Partnership in high-level education
THANK YOU