



**EUROPEAN ENERGY
VENTURE FAIR 2007**

**O-Flexx
Technologies GmbH**

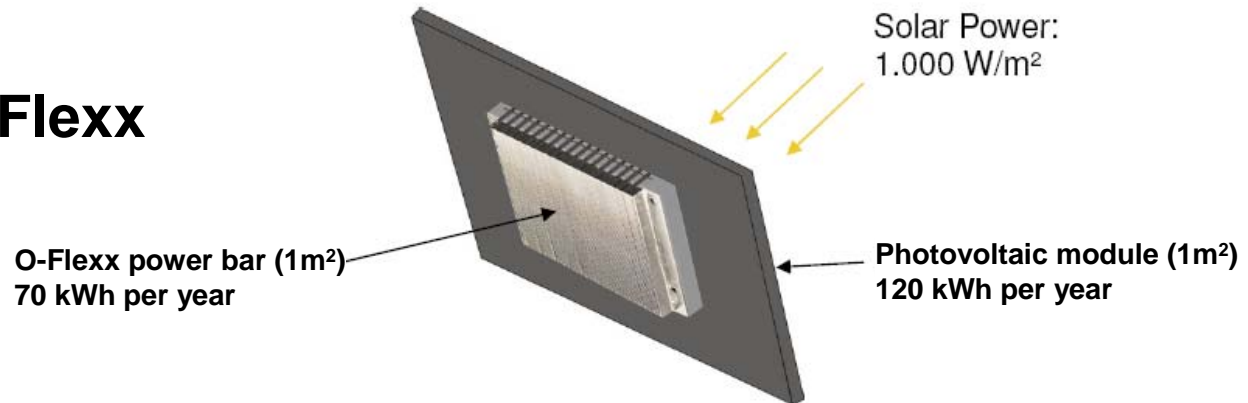
European Energy Venture Fair
September 17-18th 2007
Zürich, Switzerland

Business Focus

We boost energy efficiency and make use of waste heat

- **O-Flexx develops components to boost energy efficiencies of energy generating equipment and to make use of low grade waste heat.**
- **We use proprietary, novel and cost effective thin-film thermoelectric elements.**
- **Thin-film thermoelectric elements are solid state semiconductor parts with no moving parts and high durability, similar to photovoltaic cells or modules.**

Unique Selling Propositions for O-Flexx Products



Example Power Bar for PV-Modules:

Payback period for combined PV/TE module shortens by at least 5 years



Transforming existing cost structures in energy management



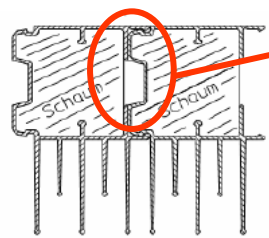
Accelerates market growth of solar energy and creates a high volume market for O-Flexx

- Easy to integrate add-on module for PV systems
- Low additional investment
- Breakthrough in total system efficiency

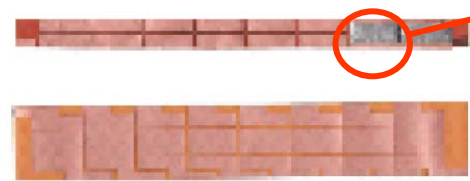
O-Flexx Technologies – Technology and Product

Most key components of the power bar have been specified and developed in conjunction with excellent partners

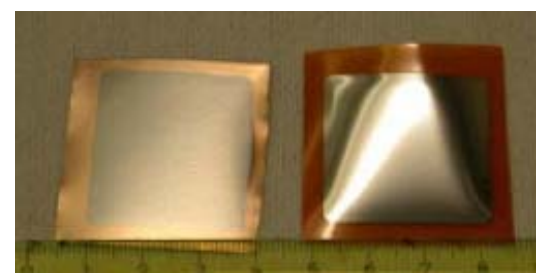
Aluminum profiles



Flexible power strap

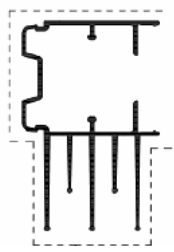


Thin-film TE element



Freudenberg
Mektec Europa

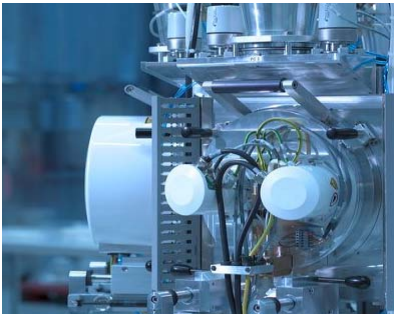
oerlikon



Power bar

O-Flexx Technologies – Technology and Product

- Production set-up of key components developed with oerlikon
- Production of key components can happen in-house
- Assembly can be outsourced



oerlikon

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O-Flexx Technologies - Applications

Photovoltaic



Solar Thermal



Solar concentrators



Low grade waste heat



Market Size for Photovoltaic Modules

O-Flexx Power Bar in photovoltaic market already offers chance for substantial growth:

| | 2009 | 2010 | 2011 | 2015 |
|--|--------------|--------------|--------------|--------------|
| New installed PV power [MW/year]: | 2.386 | 3.004 | 3.536 | 6.852 |
| New installed PV power [Mio. m²/year]: | 15,91 | 20,03 | 23,57 | 45,68 |
| O-Flexx Market Share: | 1,4% | 3,9% | 6,9% | 10,0% |
| Number of Power Bars in PV [1.000 Units/year]: | 217 | 776 | 1.621 | 4.568 |

Management Team

- **Ralph Teunissen (Chief Executive Officer), Co-Founder**



Ralph is a former board member of technotrans AG, where he was responsible for worldwide Sales and Marketing activities with sales > \$130 mill. Ralph's track record includes large companies as well as start-up/early stage experiences in the fields of printing inks and polymer manufacturers, as well as CEO for arccure technologies from 2005, until spin-off of O-Flexx. Ralph is a graduate of Nijenrode Business School and The Graduate School of Management, Delft University respectively.

- **Michael Bisges (Chief Technology Officer), Co-Founder**



Michael has filed more than 60 patents based on his unique experience in the material processing and microstructuring field, having invented DVD fabrication technology now deployed at more than 30% of all replication lines worldwide. He founded arccure technologies and acted as Managing Director from 1998 to 2005. Michael is a graduate of RWTH Aachen in Mechanical Engineering.

O-Flexx Technologies– Funding Requirements

Manufacturing: starts in 2009

Funding requirements: 10 M. Euro needed by mid 2008

Usage: application engineering, finalising manufacturing concept and set-up, hiring of necessary staff (sales & marketing, technical support functions), field testing and product certification

Exit scenarios: IPO or trade sale