



MEYER BURGER RESEARCH AG

Short description:

Meyer Burger Research AG is a member of the Meyer Burger Technology group – a global leading technology company in innovative systems and processes based on semiconductor technologies with focus on the whole production chain of solar industry. Meyer Burger Research AG is a worldwide known leading expert in PV technologies with core competencies in cutting/slicing of Si-ingot, thin films coating, process control on manufacturing of cells and modules, testing and integration. Meyer Burger Research aims to provide novel technologies and manufacturing processes at all production steps to reduce costs and improve efficiency of PV modules.

Partnership / cooperation possibilities:

The main competencies include prototyping at industrial processes and machines, including etching, deposition, contacting, testing and module integration (e.g. PV cells with reduced thickness and with efficiency over 23%). Recently the SmartWire Connection Technology (SWCT) for the interconnection of solar cells in module has been introduced. The company is willing to be involved in collaborative projects developing new materials/technologies and/or demonstrating the high efficiency PV systems in real environment (e.g. BIPV installations). The company has interest in all kind of high tech industries requiring large scale reactors for high quality thin films deposition.

Possible H2020 calls (2017):

- LCE 9 – 2016: Supporting the EU PV manufacturing industry
- LCE-01-2016-2017: Next generation innovative technologies enabling smart grids, storage and energy system integration with increasing share of renewables: distribution network
- LCE- 07 – 2017: Developing the next generation technologies of renewable electricity and heating/cooling
- LCE-10-2017: Reducing the cost of PV electricity
- LCE-21-2017: Market uptake of renewable energy technologies (CSA)
- PILOTS-03-2017: Pilot Lines for Manufacturing of Nanotextured surfaces with mechanically enhanced properties
- FOF-06-2017: New product functionalities through advanced surface manufacturing processes for mass production
- FOF-07-2017: Integration of unconventional technologies for multi-material processing into manufacturing systems
- FOF 08-2017: In-line measurement and control for micro-/nano-enabled high-volume manufacturing for enhanced reliability
- EeB 07-2017: Integration of energy harvesting at building and district level

Contacts:

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