



## **Competence Centre Advanced Systems of Efficient Use of Electric Energy (CC SURE)**

### **Address:**

CC SURE & TECES  
Pobreška cesta 20  
SI-2000 Maribor, Slovenia  
<http://www.sure.si>

### **Contact:**

Matej Gajzer, M.Sc.E.E.  
[matej.gajzer@teces.si](mailto:matej.gajzer@teces.si)  
Tel: +386 41 904 653

### **Profile and background:**

TECES, Technology Centre for Electric Machines, is a private institution founded by Slovenian companies and research organization in 2001. Main activities are R&D and managing collaborations in joint development of high-tech products and solutions in the field of efficient use of energy, electric drives and power converters.

In 2010 competence centre CC-SURE Advanced Systems of Efficient Use of Electric Energy was established which is also led by TECES.

In CC-SURE we are developing competences and technologies for advanced energy efficient products and solutions made in Slovenia for the global market and compliant with the smart-communities and smart-grids evolution process.

Thus, by interaction of partner's competences we cover and support the product development from the **basic research and development**, through **prototyping, testing & validation to small & large scale production**.

Main products:

- Electric Drives, Devices and Components
- Power Electronics Systems
- Home Appliances and Systems
- Industrial and Commercial Systems
- Electric Power Systems
- Energy Management

can be used and implemented as a solutions in **generation, transmission and distribution of electrical energy** (Electric Power Grid Infrastructure) or inside **industrial, commercial and/or residential applications** (heating, ventilation and air-conditioning, home appliances, micro-generation (solar, wind, hydro, co-generation), electric vehicle charging and energy storage, demand-response and demand-side management).

### **References and presence in India**

- CC-SURE' partners worldwide present, some of them have already established companies also in India;
- Industrial partners have share more than 80% of Income from export;
- Partners consist of Slovenian key actors in the whole chain of production, transmission, distribution and use of electric energy.

### **Partnership sought**

CC SURE is seeking:

- Partnership for joint R&D projects;
- Partnership for preparation of joint pilot & demonstration projects between Slovenia and India;
- Industrial partners searching R&D services or production capabilities;
- Investors into new promising technologies & products;

### **Presenter:**

**Matej Gajzer**, got master's degree in electrical engineering at University of Maribor in 1999. As one of the initiators, he started activities for establishment of Technology Centre for Electric Machines - TECES. He's been appointed as a managing director of TECES since its establishment. Main priority of his work is strengthening R&D cooperation between industry and public research to develop new highly added values products.

He is specialized in networking, encouraging R&D cooperation between companies and research organizations, supporting innovations and commercialization of the products. He's got broad experience in joint development and financing of the products, open innovations and R&D collaboration.

From 2010 he is also a head of CC-SURE, Competence Center Advanced Systems of Efficient Use of Electric Energy, responsible for management and development, thus responsible for internationalization and establishment of new business opportunities with new partners from foreign countries.