

IT for Smart renewable Energy generation and use

an international research cooperation of
Augsburg University of Applied Sciences (Germany)
Augsburg University (Germany)
University of Waikato (New Zealand)



IT4SE

What is IT4SE?



Efficient **energy use** along with **private generation of renewable energy** is becoming more and more important as we move towards a post fossil fuel era.

IT4SE has been initiated by researchers from Germany and New Zealand aiming at counter-acting the problems that shall come up with the **scarcity of energy resources**.

IT4SE is based on the insight that **technology-supported tools and services** can significantly accelerate this process of change. For instance, **machine learning techniques** can be combined with **interactive**

data visualization tools to make consumers aware of their daily energy consumption patterns, and **web-based services** can assist people with monitoring and sharing privately generated renewable energy with their neighbours.

Scientific Background

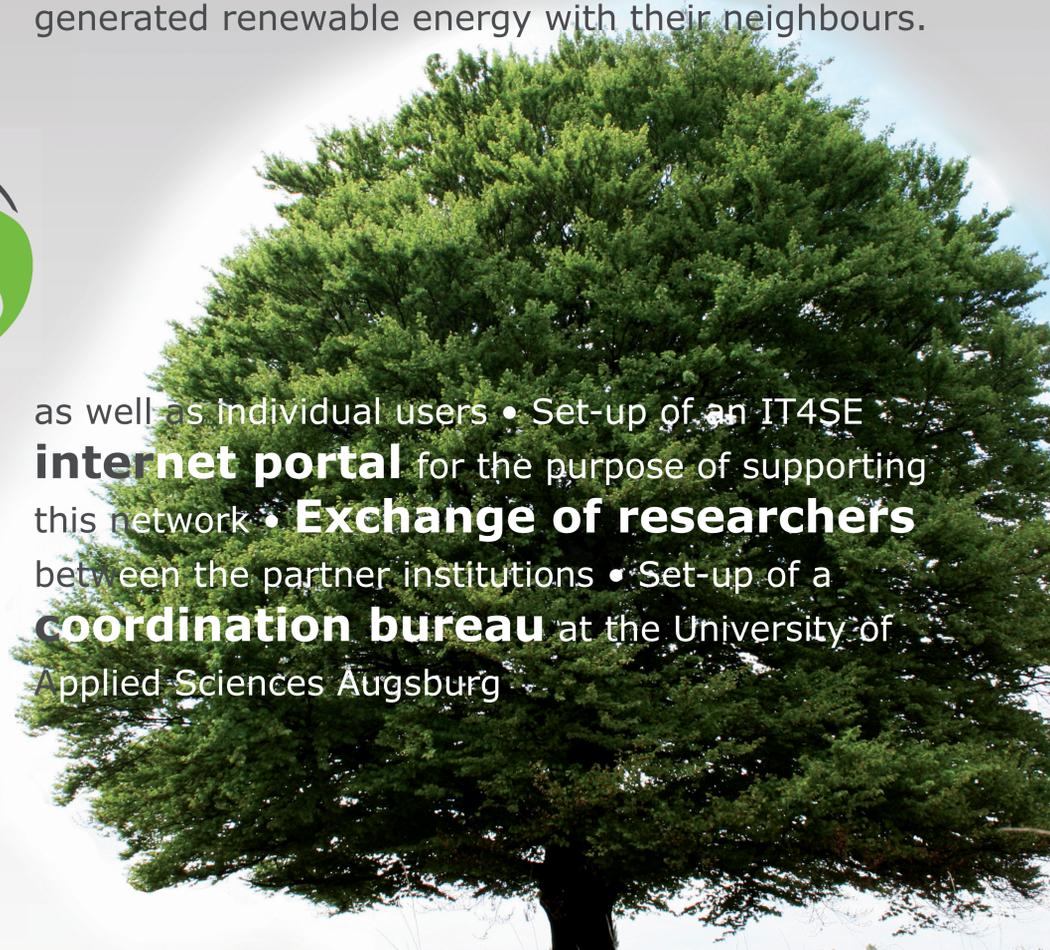


Project objectives



Formulation of **common research priorities** for future cooperative projects •
Exploration of **funding opportunities** at the national and international level •
Establishment of a **network** of stakeholders from research, industry, and other associations

as well as individual users • Set-up of an **IT4SE internet portal** for the purpose of supporting this network • **Exchange of researchers** between the partner institutions • Set-up of a **coordination bureau** at the University of Applied Sciences Augsburg



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Project Holder

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