

Press Release

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Tara Esterl takes up the position as Head of Competence Unit Integrated Energy Systems (IES) in the Center for Energy at AIT

Newly founded Competence Unit Integrated Energy Systems researches energy management aspects of the future power system

Since 1st January, Tara Esterl (33) is heading the newly founded Competence Unit Integrated Energy Systems in the Center for Energy at the AIT Austrian Institute of Technology. In her new position she is responsible for the strategic development of the research profile and the management of the newly founded unit. Esterl has been with the AIT for eight years and has worked primarily on the marketing of the flexibility of prosumers in short-term electricity markets taking into account the distribution grid and the corresponding regulatory issues.

"With Tara Esterl, we have succeeded to recruit an expert with outstanding technical and economic expertise, many years of experience in research operations and a profound knowledge of the industry. I am very much looking forward to our collaboration and the further strategic development of this research field at the Center for Energy," says Wolfgang Hribernik, Head of Center for Energy.

Integrated Energy Systems research field

For the sustainable energy system of the future, the interplay between technological innovations and energy management aspects is of great importance. The research portfolio of Integrated Energy Systems comprises techno-economic analyses, the use of flexibility in the electricity system, the development of business models and their effects on energy markets, regulatory framework conditions and sector coupling. "Research on integrated energy systems is very close to real market applications and will significantly advance the economically viable operation of a sustainable energy system. In my new role, I am looking forward to research projects with a substantial implementation impact, where all participants in the energy system, from the distribution grid operator to the end customer, will benefit," says Tara Esterl, Head of Competence Unit Integrated Energy Systems.

About the person

Born in Munich, Tara Esterl studied Urban Sustainable Energy Systems at the University of Applied Sciences Technikum Wien, International Business Administration at the University of Vienna and European Energy Business at the University of Applied Sciences Kufstein. She has conducted research on an international level at the Pacific Northwest National Laboratory in Richland (USA) and at the Institute of Management Technology (IMT), Nagpur in India. Tara Esterl has been working at the AIT Austrian Institute of Technology in the Center for Energy since 2012, recently in the position as Senior Research Engineer.

Press picture



© Tara Esterl, Head of Competence Unit Integrated Energy Systems in the Center for Energy AIT/Sophie Menegaldo

AIT Center for Energy

At the AIT Center for Energy over 200 experts are developing sustainable solutions for our future energy system under the leadership of Wolfgang Hribernik. The Center combines longstanding experience and scientific excellence with high quality laboratory infrastructure and a global network to offer companies innovative applied research services, providing them with a competitive edge in this promising market. A total of 370 research projects were carried out in 2018, with European projects accounting for 41 percent. The thematic portfolio of the Center for Energy focuses on three key systems: sustainable energy infrastructure, decarbonisation of industrial processes and facilities, and innovative technologies and solutions for urban transformation (buildings, cities). More information about the Center: <https://www.ait.ac.at/energy>

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