AEE – Institute for Sustainable Technologies (AEE INTEC) is an independent research institute and one of the leading institutes in applied research in the fields of Thermal Energy Technologies and Hybrid Systems, Building and Retrofit and Industrial Processes and Energy Systems. AEE INTEC is located in Gleisdorf (20 km east of Graz, Austria) and currently employs a staff of about 65 people from eight different countries.

One of the fields of research and development is thermal energy storage (TES). Technologies for long-term storage of heat are developed based on solid sorption, salt hydrates and large scale sensible thermal storage in water. We develop components, such as thermochemical reactors, heat exchangers, evaporators/condensers and containments. Complete systems are being developed and tested in our well-equipped laboratory and in demo locations. We use state-of-the-art experimental set-ups, including hardware-in-the-loop configurations. Numerical simulation of components and systems is an important tool in the development, including the development of advanced control strategies. The R&D work is performed mainly in national funded and EU funded projects, in which we have a strong collaboration with both industry and with other research institutes.

For the work in these projects, we are looking for a

**Senior Project Leader Thermal Energy Storage**

**Our challenges:**
- Leading national and international projects in the field of compact thermal energy storage and large scale seasonal storage - in close cooperation with leading industrial and institutional partners
- Developing solutions for the effective storage of thermal energy in the built environment and in the industry
- Working on the design, testing, integration and demonstration of TES components and systems
- (Assisting the) development of numerical simulation techniques for TES components and systems
- Acquiring national and international R&D projects
- Disseminating research results in project meetings, scientific and professional journals

**Your profile:**
- MSc in Chemical Engineering, Mechanical Engineering, Technical Physics, Energy Systems Engineering or a comparable study
- Knowledge in the field of thermal energy storage technologies
- Experience in leading and managing R&D projects
- Experience with experimental techniques and/or with scientific simulation tools in the field of energy systems
- Experience in project acquisition
- Good command of English and preferably also German, written and spoken

**We offer:**
- Challenging national and international projects in cooperative research projects, whose results will shape the energy supply of tomorrow
- An active and expanding group in the field of Thermal Energy Storage
- Freedom to develop and shape your own research and personal skills in the scope of current projects
- International network
- Flexible working hours

For the above listed vacancy, the collective agreement for non-university research organisations according to the respective qualifications and experiences of the applicant applies.

Please send us your application letter and CV in English by email:
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