

AIT Austrian Institute of Technology, the Austrian research institute with European format which focuses on the key infrastructure issues of the future, is looking to strengthen its team, in the Energy Department, with the immediate appointment of a

## Marie Curie / Early-Stage Researcher (f/m) on Integration Platform Urban Energy

The PhD thesis "Integration Platform Urban Energy" will be prepared within the CI-ENERGY "Smart cities with sustainable energy systems" project, an EU-funded Marie Curie Initial Training Network.

The CI-ENERGY Marie Curie Initial Training Network (ITN) aims to train young scientists to develop urban decision making and operational optimization software tools to minimize non-renewable energy use in cities. The research fellows will apply their results in two case study cities (Geneva and Vienna), which were chosen for their very ambitious sustainability goals.

### Work description:

- Creating of an urban energy system model as a decision support tool for the design of an integrated energy strategy with the best mix of energy supply and demand options
- Spatially resolved energy demand exploration and estimations
- Data harmonization of the demand and supply side
- Addressing different scales of urban energy systems from the city to district and block level

### Qualifications:

- MSc degree or similar which can be within a number of areas: (energy) engineering, resource management, (geo-) informatics, urban- and energy planning, systems science
- Background knowledge spatial databases, geographic information systems and urban energy systems is appreciated
- Fluent oral and written communication skills in English

Framework Conditions and Salary: The employment in this position should begin February 2014 for the duration of 36 months including secondments to partner institutions. We offer highly competitive monthly living and mobility allowances depending on family status in accordance to the Marie Curie, People Programme, Initial Training Networks (Call identifier: FP7-PEOPLE-2013-ITN, Implementation mode: Multi-ITN) as well as full social benefits. As a general rule, applicants should be nationals of a EU member, associate or candidate state, except Austria. The applicant should not have resided or carried out her/his main activity in Austria for more than 12 months in the 3 years immediately prior to her/his appointment.

**Work Place:** Vienna

We are pleased to invite interested persons who wish to contribute their knowledge and their ideas to the field of applied research. Please attach meaningful application documents, including certificates and a photo.

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