

STAFF EXCHANGE

Factsheet

PARTNER: BORA 94 Nonprofit LLC

Staff exchange to: **Malmö**

Dates: **from 19/03/2018 to 21/03/2018**

Number of participants (number of people travelling): **3**

Please specify if the visit was organized for internal staff only or if relevant stakeholders participated in the exchange:

The delegation included 2 internal staff members, *Katalin Hall* and *Tibor Kovács* and 1 member of the local stakeholder group, *László Zvolenszki*, an energy expert, planner at his own company, called Mesterterv LLC. Originally we planned to bring also *Lajos Vass* from ÉMI Nonprofit LLC, however, he fell ill, and so he could not participate.

Good practices / Lessons learnt from the Staff exchange

please provide a brief description of the GPs/experiences that you had the chance to examine in depth during the staff exchange (and that you might wish to use to improve your policy instrument)

Title: **Mercury Project**

Focus *(please specify if relevant to one or more of the REBUS topics: planning, implementing, monitoring, capacity building)*:

Points of relevance: **Planning, implementing, monitoring, capacity building**

Territorial need

please provide a brief description of the territorial need addressed by the GPs/experiences that you might use to improve your policy instrument.

In general, careful planning that is based on reliable data and monitoring system is a weak point in investments in cases of municipality owned public buildings, funded by SF in Hungary. The data collection and analysis after energy efficiency and renewable energy projects are not in the focus of the investors.

There are only a few good example for monitoring (at least not many actors are aware of their existence) and only in cases of flagship projects; smart meters and data collection in an online system are not widely applied yet.

There are no complex systems; e.g. in case of a call for applications, an energy certificate about the final state is sufficient.

No innovative tools, not sufficient funding sources for planning, monitoring and capacity building of municipal staff.

Building management systems, building energy complex systems are eligible to some extent, but are not given enough priority in case of evaluations of renovation projects funded by SF.

Changing attitudes by awareness raising/quality training for users are not systematically applied. Based on the feedback from applicants, funding for this activity is not sufficient at the moment.

Energy audit and/or Energy Performance Certification of buildings and long term follow up of energy consumption are necessary both in preparation and in monitoring phase.

Do you think to adapt the described GPs / Lesson learnt to your territory?

YES

If YES, how will you adapt the described GPs / Lesson learnt to your territory?

please provide a brief description of the modifications needed.

Examples: full transfer of the experience, inspired by the approach, inspired by the implementation, confirmation of new trends based on benchmarking, etc.

Partial transfer of experience, inspired by the innovative and holistic approach in planning, implementation and monitoring system application (SCADA) in the frame of Mercury project (in case of several municipality owned public buildings), including capacity building of the municipal staff as well.

The transfer of this GP can be double-fold:

On one hand, the planning expert's future approach, who has participated in the staff exchange will be influenced by this experience in case of planning new energy efficiency projects (buildings) and on the other - if possible -, we will introduce the GP and recommend extra funding allocation for these types of complex and innovative planning, implementation, monitoring and awareness raising approaches to the Management Authority, who is responsible for the implementation of the Structural Funds for public buildings.

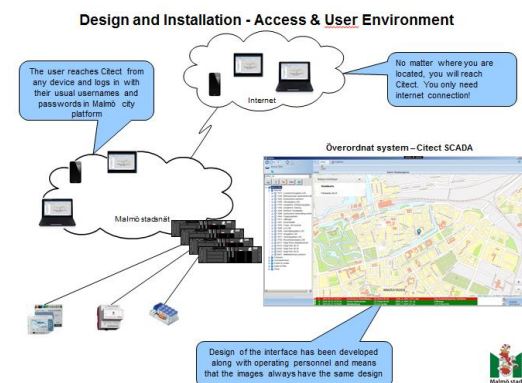
Opinion on the staff exchange organised

please provide a brief review of the overall experience

Examples: Did you have enough time to analyse the GP/lesson of interest? What you liked most? Any suggestions for improvement, etc.

On the first day, our REBUS project partners **Olle Strandberg** and **Carola Lund** from the **City of Malmö** explained the long term sustainable and climate friendly concept of the city as well as the structure and logic behind the public administration setting and decision making process.

On the second day, we've had a chance to visit a local public swimming pool (Hylliebadet <https://sv-se.facebook.com/hylliebadet/>) which is considered the most energy efficient public pool complex in Sweden. **Ingemar Jönsson**, system manager of the SCADA system has introduced the core elements of the Mercury project, especially focusing on planning and monitoring issues - highlighting first of all the importance of careful planning of the buildings and their service systems - applying Citect SCADA and its results so far.



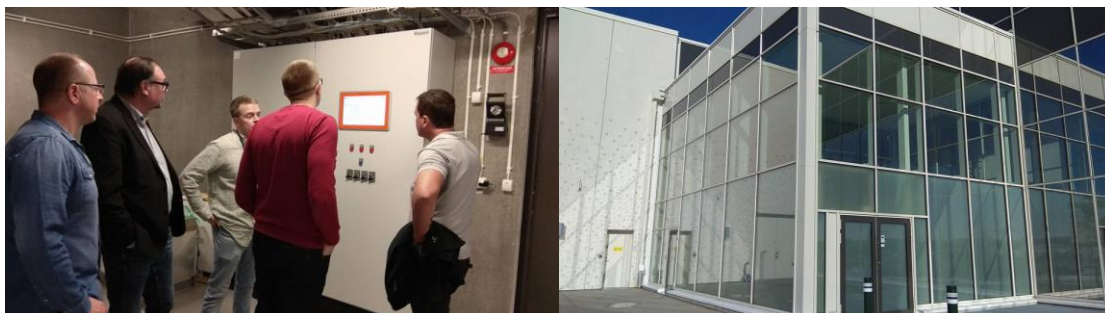
Then the staff visited the Lindeborg School, and listened to the story and positive results of the instalment of Human Centric Lighting in one of the classrooms in the school.

Due to its very promising results, this new lighting approach has inspired the creation of Brainlit (<https://www.facebook.com/brainlitsweden/?fref=mentions>), a rather successful Swedish company that nowadays introduces this innovative lighting technique also to hospitals and elderly care facilities.



This staff exchange was a great overall and very intensive experience for our team, especially for our external expert, who is busy with the planning of a very high number of energy-related projects across Hungary, including our county, Borsod-Abaúj-Zemplén, and also carries out energy audits for SF projects. Moreover he is an energy expert and referee for large companies (e.g. Thyssenkrupp) concerning CO2 reduction and energy efficiency.

The organization and hospitality was excellent! The team has had enough time to get familiar with the innovative approaches that could inspire similar initiatives in Hungary, but we will need further assessment to see, how this GP can be transferred to our region.



During the staff exchange, we have seen a very complex and innovative planning approach and application of a related state-of-the-art building management system that can influence future project planning of our expert and perhaps can also influence somehow the Structural Funds use as well, by e.g. allocating extra funding for state-of-the-art planning and BMS and including such GPs as an annex to the calls for applications.