

Sinergy consortium

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Austrian Institute of Technology • **AIT** • <https://www.ait.ac.at/>
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Project SINERGY



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Capacity building in Smart and Innovative eENERGY management

This project has received funding from the H2020 programme of the European Union under GA No. 952140

Project runtime
January 2021 – December 2023



Promoting smart energy management in South-East Europe

Smart energy management is currently one of the most important research areas in Europe. With this in mind, the EU-funded SINERGY project aims to **unlock the innovation potential of the Institute Mihajlo Pupin (IMP)** in Serbia. It will therefore strive to **strengthen** the IMP's **current research capacity** and **enhance** its research **competitiveness** so as to make it a regional point of reference in smart energy management technologies. The IMP will consequently be able to **efficiently use newly acquired competences** in-house, disseminate them to national and regional stakeholders, **coordinate regional research efforts** and do **outreach in the industrial and academic sectors**. The project's work will **raise awareness of smart energy management** and promote **regional sustainable development** in South-East Europe.



- Pilot 1 - Smart Grid Technologies is aimed to demonstrate grid-level techniques and technologies (such as relevant smart grid concepts and integration of distributed smart grid elements) - **AIT facilities (EnergyBase, TechBase)**
- Pilot 2 – Energy Efficient Building Operation is aimed to demonstrate building level optimization approaches (such as building modeling and improving building operation efficiency), thus ensuring exchange of complementary know-how and expertise which covers both energy supply and energy consumption side - **NIUG Alice Perry Engineering Building**.
- **Testbed pilot will be set up at IMP premises** providing a training site for direct deployment of advanced technologies delivered by the strategic partners

Project pilots

building cooperation



improving energy efficiency

Project goals

- Establishment and development of **productive and fruitful long-term cooperation** that continues after project completion.
- **Reinforcement of scientific and technical excellence** of the linked institutions in the domain of Smart energy management.
- **Cross-fertilization** and **aggregation of competencies and experience** related to smart grid technologies and energy-efficient building operation.
- Organization of **joint networking events** for **capacity building and spreading excellence** throughout the widening country and the West Balkan/Southeast Europe region
- Awareness raising and **promotion of newly established Centre of Excellence** serving as a regional “point of reference” for Smart energy management.
- Continuous assessment of the key objectives achievement to **ensure high quality of project results** and defined cooperation strategy is followed.