The Festival project aims to provide homogeneous access to a federated testbed platform between Europe and Japan with an "Experimentation as a Service" model for testing added value services in different domains (city, building, health, public services, art/culture, etc.) with real-life physical testbed environments involving real end-users

- "Smart Building Experimentation" Factsheet -

Various experiments are conducted to achieve efficient energy management of IoT world, such as data center energy management, power control in smart house, geo replication of massive application data. By exploiting these experiences, various kind of energy-aware IoT environment can be constructed in FESTIVAL testbed.

Value Offer

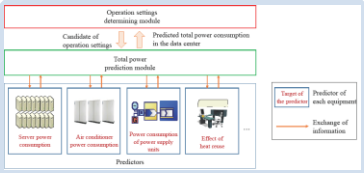
- Do your experiments to be energy-aware in real-life environments of smart home, smart station, smart building and smart shopping in Europe and in Japan
- Realize world-scale energy environment by combining existing local EMSs such as HEMS, FEMS, DEMS, CEMS, …
- Any management system, such as machine-learning-based energy controller, can be tested in large scale testbed
- Provide various kind of resources (sensors, actuators, computing power) for bring energy-awareness to your experimental environment

Sites for smart energy experiments

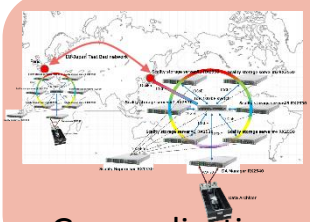
How to get involved?

FESTIVAL OPEN CALL will be launched in October 2016

Despite the fact that there will not be a specific funding for those calls, the experimenters will be able to benefit from the experimental IoT infrastructure that will be provided by the project, both in Europe and in Japan.

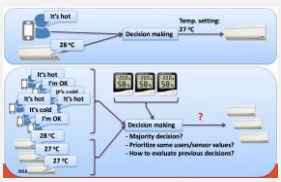


Data center energy management



Geo replication

SNS-like EMS



ML-based energy control

- **Find out the FESTIVAL Privacy Impact Assessment form online here.**
- **Do you have questions about how to implement the procedure in your experiment ?**
- **Do you need specific guidelines on how to safely collect and transmit your data?**
- **Do you want to find more guidelines and Factsheets on IoT experiments?**

Visit www.festival-project.eu or send an email to enduser@festival-project.eu

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