

# JouKo Project

2017-2018

General Description and Document Usage

# The Project

- The name JouKo comes from the Finnish term Joustava Kotitalous.
- It means "Flexible Home".
- The project developed three wireless Home IoT devices, one modification concept, a Smartphome app for the customer, and Server software for the electricity company and aggregator company.
- With the service, the seller of electricity can remotely switch off and on home appliances. The basic business is in avoiding the most expensive hours in buying electricity from the real time stock market.

# Financing

- The majority of the financing was granted by the Regional Council of South Savo. South Savo is a region with about 150 000 inhabitants in South Eastern Finland.
- This financing was from the European Regional Development Fund ( ERDF ).
- The project was performed by South Eastern Finland University of Applied Sciences Ltd ( Xamk ). We had 11 industrial partners supporting the project.



European Union  
European Regional  
Development Fund

Leverage from  
the EU  
2014–2020

# Usage of the documentation

- The project wrote and purchased documents with as high quality as possible within the amount of resources.
- The documents are not free of errors due to the large amount of information provided by us to GitHub.
- **The users of these documents are themselves responsible for any damage or unwanted consequences following from using the documents.**
- Xamk assumes no responsibility of any consequences from using these documents.
- It is possible to ask more information from the unit that developed the documents.
- See :  
<https://www.xamk.fi/en/digital-economy-spearheads-of-competence/>
- Any possible consultations, if any, will be invoiced according to the University policies.



**Tunne huominen - All for the future.**