

# Example Project Profile

Expera project database

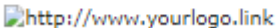


Project passport	Basic information	Objectives and results	Knowledge elements	Documents	Background information
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## Project identifier

Project Title (EN)	GRowing Resilient, EfficiENT Smart Energy Systems
Project Title (Original)	GRowing Resilient, EfficiENT Smart Energy Systems
Acronym	GreenSES
Start Date	01/02/2016
Start Year	2016
End Date	31/03/2019
End Year	2019
Website	<a href="http://www.GreenSES-project.eu">http://www.GreenSES-project.eu</a>
coordinator / lead (organisation)	Energy Efficient Systems Group, University of Winsney
Abstract	The potential and prerequisites of green spaces in urban areas to contribute to the resilience and efficiency of Smart Energy Systems is analyzed. Smart meter data is processed with artificial intelligence to provide operators of Local Energy Communities with the required information. In the different trial sites, different approaches on stakeholder involvement are deployed and analyzed with regards to their effectiveness for citizens' activation.

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Category	
Keywords	urban greening; resilience; energy efficiency; Local Energy Communities; artificial intelligence; smart meters; stakeholder involvement; citizen activation
Detailed description	Example description
Coordinator person name	
Contact Point	
Expera expert profile	
Project partners	Energy Efficient Systems Group, University of Winsney (FR); LON Energy GmbH (DE); BFG AG (CH)
Implementation site address(es)	
Project logo	
No. of partners	
Thereof large companies	
Thereof SME	
Thereof research institutes	
Budget	-962,601.00 €
Budget described	€ 562,601.- funding
Countries involved	France; Germany; Switzerland
Source of funding	ERA-Net SES
Maximum TRL of demonstration part of project	8
Maximum TRL of deployment part of project	6
maximum TRL of research part of project	2
Contribution to SET-Plan Actions	A4-IA1.1.-1 Increased observability and controllability of MV and LV networks with high penetration of distributed energy resources; A4-IA1.2-1 Customer participation and new markets and business models
Application and solution areas / EEGI functional objectives	
4 levels of functions	
SGAM coordinates	
References	
Data origin	

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No. of key technical applications (e.g. EVs, charging stations, smart meters)

(Achieved) goals

(Contribution to) project KPIs

(Contribution to) programme KPIs

Key deliverables

D3: Specification for the Algorithm and Software

D4: Analysis of the potential and prerequisites of green spaces to contribute to the resilience and efficiency of Local Energy Communities

D5: Business Models and Development Scenarios

D8: Specification for the User Involvement Application

D10: Guidebook for Consumer Involvement

Relevant links

D3: [\[LINK\]](#)

D4: [\[LINK\]](#)

D5: [\[LINK\]](#)

D8: [\[LINK\]](#)

D10: [\[LINK\]](#)

Knowledge articles

Deployed (key / innovative) technologies

Followed standards

(Pilot) products

Software tool for monitoring and acting upon the Local Energy Community grid status

Application for user involvement

Patents

Developed models/tools

AI Algorithm for processing smart meter data

Business models and development scenarios for three Local Energy Communities in different contexts

Guidebook for consumer involvement in Local Energy Communities ([\[Link\]](#))

Catalogue of levels of involvement of citizens in Local Energy Communities

Simulations

-

Extent of Scalability of implemented solutions

Extent of Replicability of implemented solutions

Extent of means of consumer engagement, motivation, behavioural change and acceptance

Project passport

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Technology: findings related to system architecture

Technology: findings related to implementation

Technology: Ready to use tools

AI Algorithm for processing smart meter data

Software tool for monitoring and acting upon the Local Energy Community grid status

Application for user involvement

Marketplace: Findings related to business scenarios and market development

Business models and development scenarios for three Local Energy Communities in different contexts

Marketplace: Findings related to need for changing regulatory frame-work

Adoption: findings related to consumer involvement

Guidebook for consumer involvement in Local Energy Communities ([Link])

Catalogue of levels of involvement of citizens in Local Energy Communities

Methodology for co-creation workshops ([Link])

Adoption: findings related to societal acceptance








Methodology for stakeholder workshops ([Link]) including conclusions drawn from the workshops implemented during the project


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Please upload here the project logo and logos of your project partners (preferably in eps format). If your project is closing soon, please also upload your final pitch presentation based on the template provided.

Created at 20/07/2020 09:57 by  Dorothea Brockhoff  
 Last modified at 20/07/2020 09:57 by  Dorothea Brockhoff Close

### Project Documents

Type	Name	Title	Modified By
	<a href="#">GreenSES_logo</a> 		<input type="checkbox"/> Dorothea Brockhoff
	<a href="#">ERANetSES_FinalPitch_20_GreenSES_200720</a> 	ERA-Net Smart Energy Systems	<input type="checkbox"/> Dorothea Brockhoff
	<a href="#">GreenSES_PartnerLogo_EnergyEfficientSystemsGroup_UniversityofWinsney.eps</a>		<input type="checkbox"/> Dorothea Brockhoff
	<a href="#">GreenSES_PartnerLogo_LONEnergyGmbH.eps</a>		<input type="checkbox"/> Dorothea Brockhoff
	<a href="#">GreenSES_PartnerLogo_BFGAG.eps</a>		<input type="checkbox"/> Dorothea Brockhoff

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