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EMPOWERMENT OF CITIZENS

“Fostering user engagement for innovative demand response for effective flexibility”

SEP. 6TH – SEP 9TH, 2022; NICE, FRANCE

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#SUSTAINABLEPLACES2022

SUSTAINABLEPLACES.EU

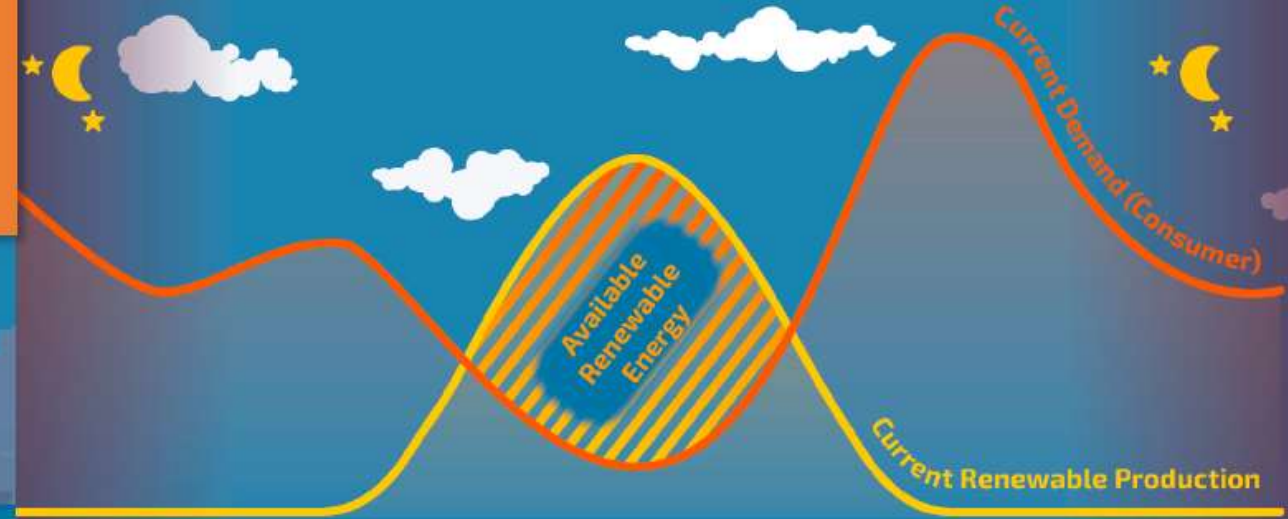
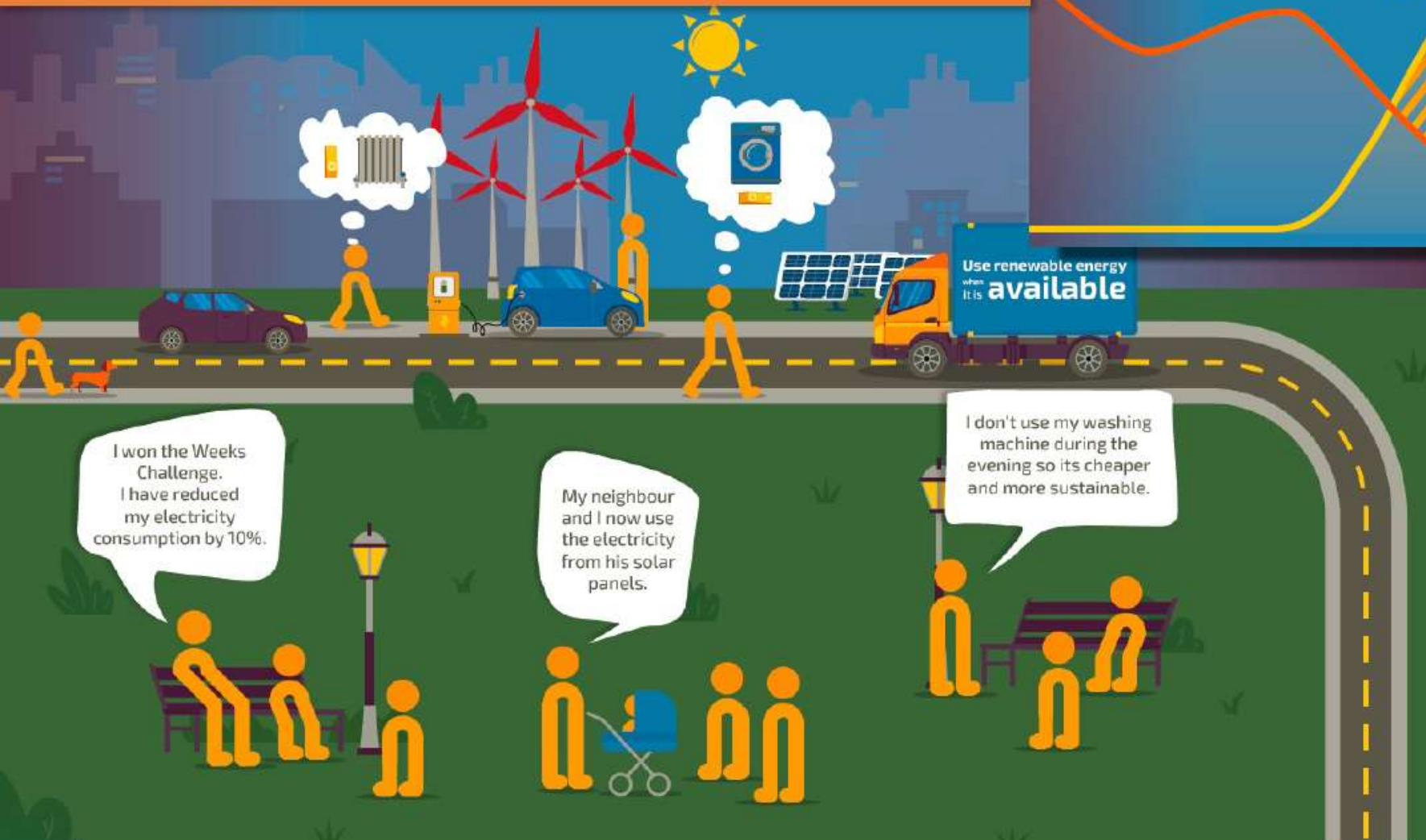


VILLE DE NICE



All projects have received funding from the European Union's Horizon 2020 Research and Innovation programme.

Consumer makes the difference



EDUCATION

FLEX-COMMUNITY

SMART -
TECHNOLOGY

4 DEMO SITES

8 EUROPEAN NATIONS

7.2 MILLION EURO BUDGET

744 USER


ReDREAM
change your energy

Making it easy to participate in Demand Response

iFLEX Assistant

– your energy and flexibility manager

The Assistant learns and adapts to the behaviour & optimisation goals of your home and reacts to flexibility signals according to your personal preferences

- » Automate the flexibility activations, while being in control of the operations at all times
- » See information about participation in flexibility events and the benefits achieved
- » Get advise on how to optimise consumption
- » Be protected by secure & private data exchange

600 users
3 pilot sites

4 EU countries
€6.3 million budget





EMPOWERMENT OF ENERGY COMMUNITIES

DIGITAL TOOLBOX & INNOVATIVE DIGITAL SERVICES

DEMONSTRATION & VALIDATION AT FOUR PILOT SITES

start date	duration	end date
2021 january	42 months	2024 june

16 partners	9 countries	4 living labs
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HESTIA is a EU funded project developing a mix of Technological, Innovative and Social Sciences and Humanities models approaches to improve the management and use of energy by and for residential consumers.

HESTIA aims to develop a cost-effective solution for the next-generation demand-side response services by encouraging residential consumers to engage in flexibility sharing and grid balancing to HESTIA, and user-personalised services will help lay the foundation for an open marketplace and new grid reality.



HESTIA will integrate state of the art and emerging ICT tools to enable the next generation of Demand Response services for residential communities



Pilot the HESTIA solution on three residential demo setups with different infrastructural, climatic and market contexts (IT, FR and NL)



Develop efficient business models, understand barriers and define solutions for the large-scale replication of the HESTIA solution

HOLISTIC DEMAND RESPONSE SERVICES FOR EUROPEAN RESIDENTIAL COMMUNITIES

3 PILOT SITES



Voorhout
NETHERLANDS



Berchidda
ITALY



Palaiseau
FRANCE

19 PARTNERS

9 COUNTRIES

HESTIA will allow changing and improving the generation, management and use of energy in many areas and ways



Economic



Technological



Environmental



Policy



Social



This project has received funding from the European Union's H2020 programme under Grant Agreement No. 957823.



hestia-eu.com

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◀ Sender ▶

Sustainable consumer engagement and demand response

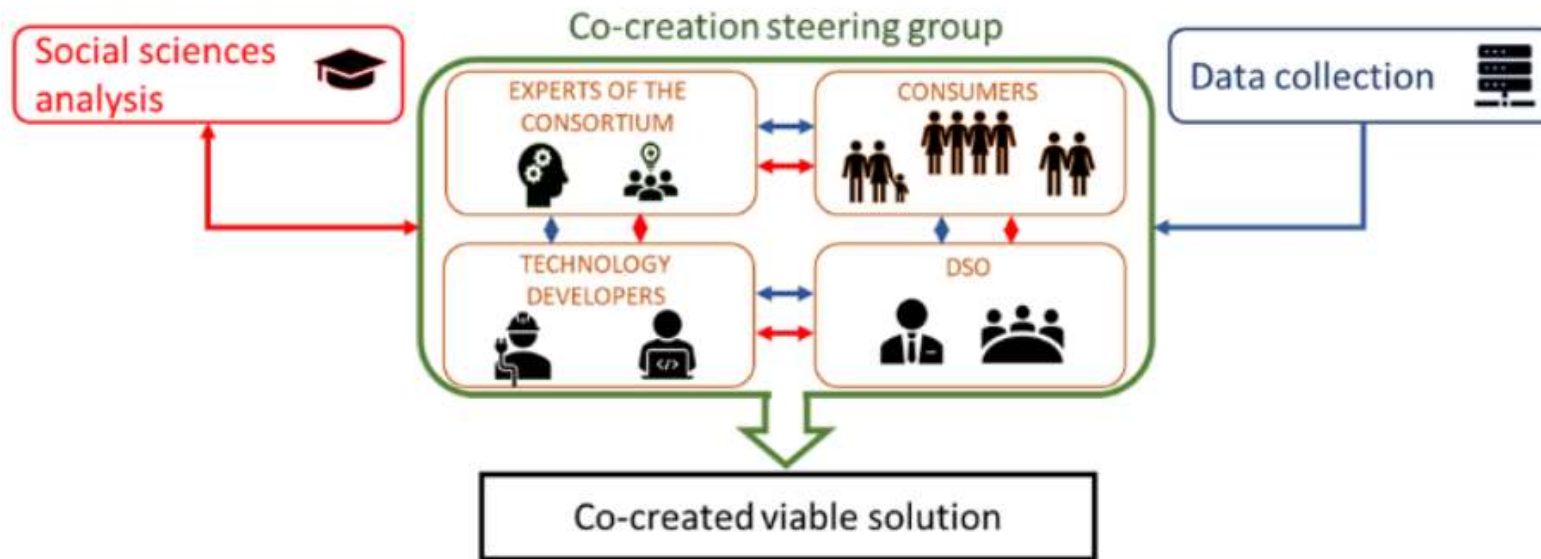


Figure 6: The co-creation actors and process



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Thank you for bearing with us!

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