

SUSTAINABLE PLACES 2023



Technologies, Services, and Regulations



Citizen and Consumer Engagement



Energy Communities

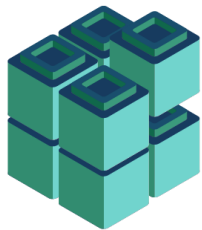
Energy Communities Track

15th June, 2023 - Madrid, Spain

sustainableplaces.eu



POLITÉCNICA



CREATORS



**SUSTAINABLE
PLACES 2023**

Creating Community Energy Systems

Blanca Barrios



1. What is CREATORS?

CREATIng cOmmunity Energy Systems Horizon 2020 Project

Accelerating the integration of Community Energy Systems across Europe



Duration of 3 years
Sept 2020 - Oct 2023



Consortium of 16 partners
from 8 EU countries



1. What is CREATORS?

[Click here to see video](#)



2. Objectives of CREATORS



- ✓ **Speed up the integration** of energy communities in Europe
- ✓ Develop **applications and services** for Energy Communities
- ✓ Help CES promoters throughout the **whole lifecycle** of the project
- ✓ Conceptualize “Community Energy Systems **as a service**”
- ✓ Increase the penetration of **renewables and flexibility**
- ✓ **Empower** consumers and prosumers in the energy transition

3. Applications and Services for CES



**Simulation and
emulation engine**



Digital Twins



**Business Models and
financing protocols**



**Management and
control platform**

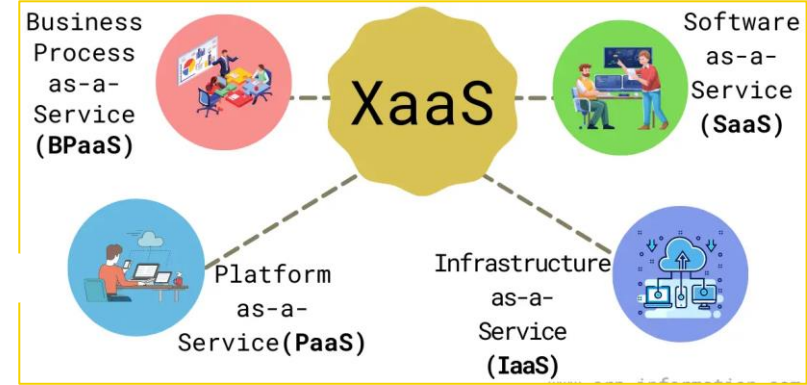
Create a service for offering
community energy systems



Community Energy
Systems as a service



4. X-as-a-Service approach

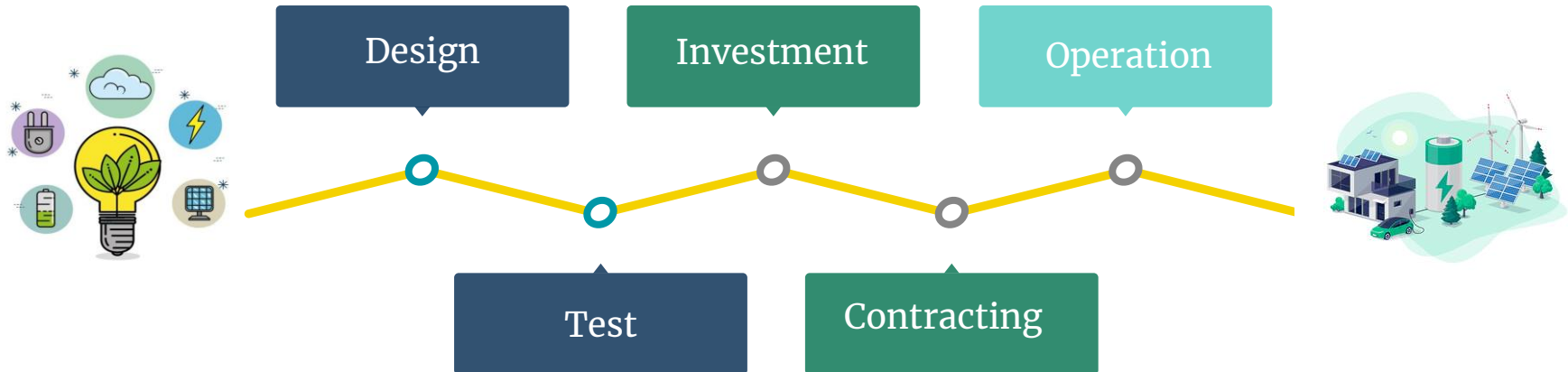


5. Our CES-as-a-Service Value Proposition

LIFE CYCLE OF A COMMUNITY ENERGY SYSTEM



Aim to support local initiators in the deployment of CES.



6. CREATORS CES-as-a-Service Model

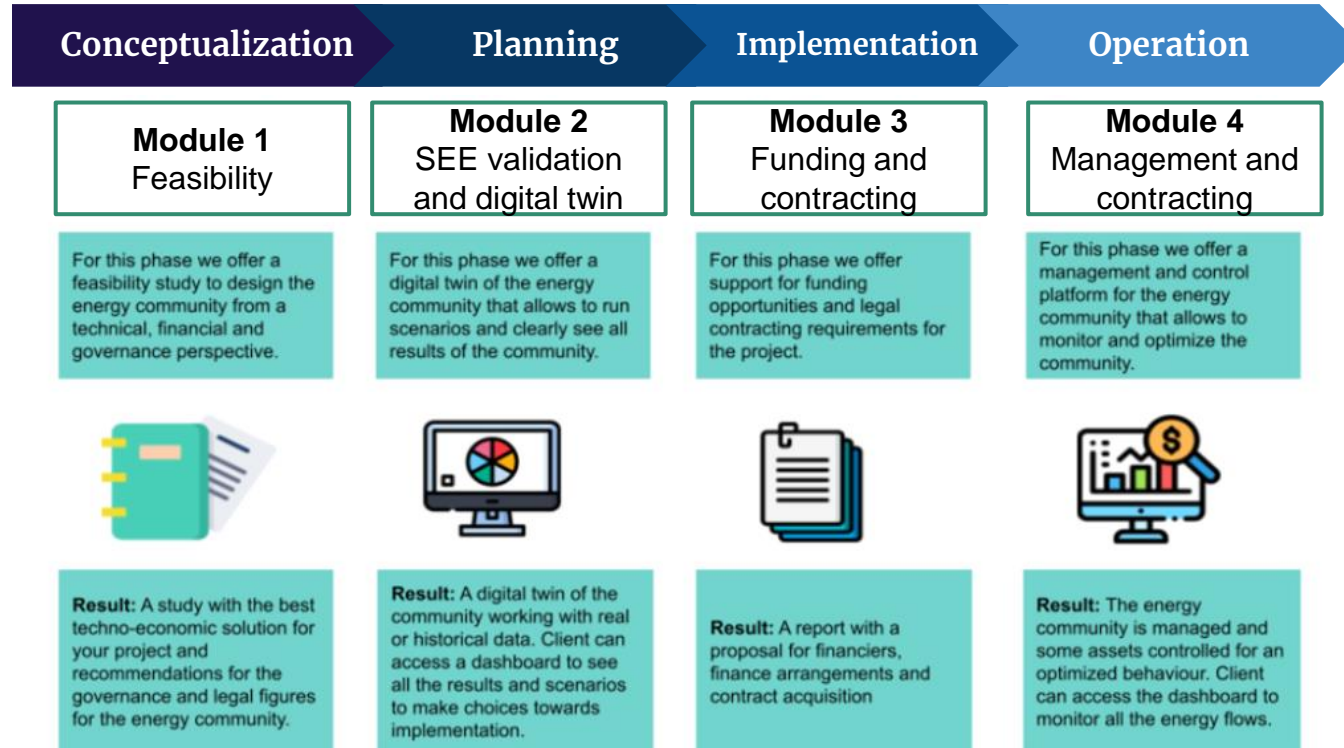


CREATORS CES-as-a-Service



- **Software-based model** specialised for energy community projects
- Offers support to a customer in the **whole lifecycle** of an energy community project.
- Service that integrates **various software tools, technologies and services** for energy communities
- Composed of **modular services** targeting **each stage of development** of an energy community project.

6. CREATORS CES-as-a-Service Model





Thank you!



CREATORS