

COMMUNITAS

Unlocking the active participation of citizens in energy markets through energy communities

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Energy Markets

- Spot market
- Intraday market
- Ancillary services market
- Guarantees of Origin market

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Energy Markets

Inaccessible to consumers

- Complexity of the system
- Regulatory requirements
- Minimum transaction volume
- Risk management
- Market design

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The role of Energy Communities

- Empowerment and participation
- Local economy
- Environmental and economic benefits
- Grid resilience
- Education and awareness



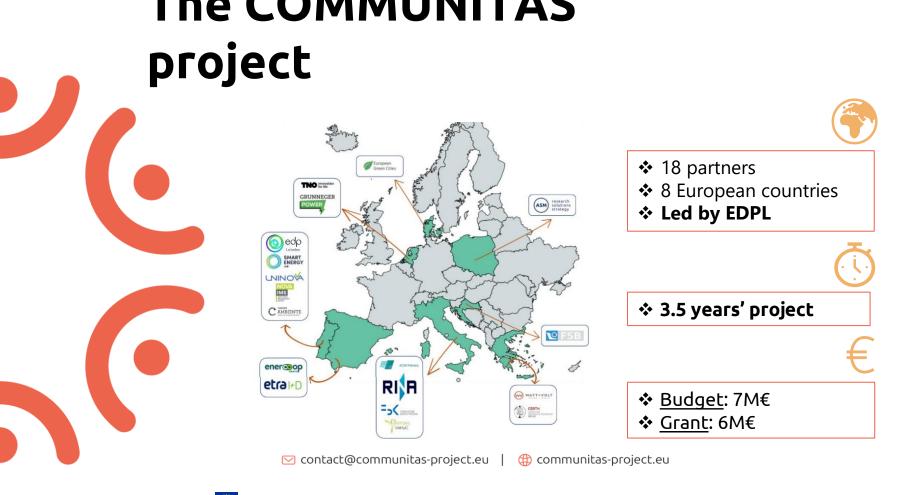


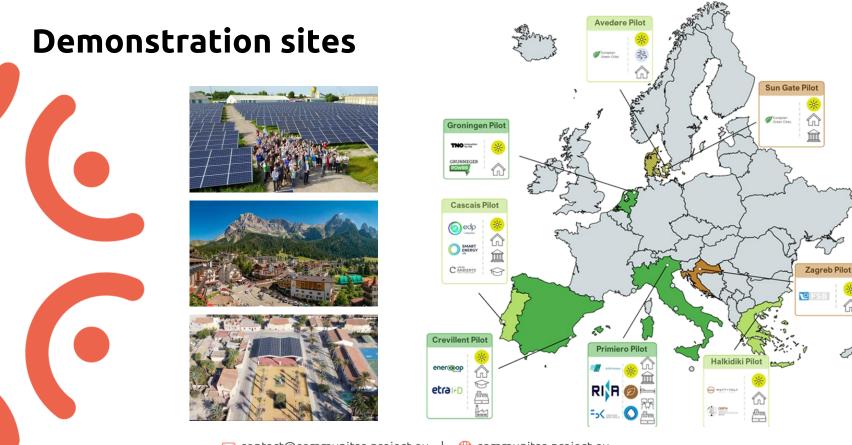


Support citizens to become **active participants** in energy activities and deliver a set of tools to support the creation, growth, and capacity building of Energy Communities.









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Social engagement & innovation

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Development of value-based propositions in ECs

- Evaluate SSH perspectives
- 8 workshops concluded



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Participatory Labs

- Start end of 2023
- Evaluation of COMMUNITAS outcomes



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Replication academy

- Outreach to countries not involved in the project
- Facilitate upscaling



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Social acceptance campaigns

- Campaigns will focus on promoting COMMUNITAS solutions
- Reach a wider audience







Technical & market tools

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Planning & investment analysis

- Investment advisor
- Sizing
- Deployment plan







Community Management

- Manage community members
- Define the shares of energy
- Engagement between members and community manager

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Demand response & energy optimization

- Optimize energy according to different load and generation profiles
- Test the impact of responding to grid request (local flexibility market)

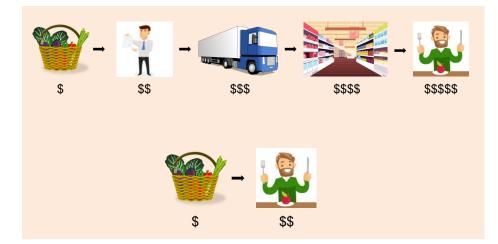


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P2P energy trading

- Eliminate the need to sell and re-buy energy produced within a community
- Attribute all excess energy to members that require it



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Guarantees of Origin marketplace

- Aggregate small producers to achieve scale
- Based on granular GO principle







Financial, regulatory & administrative support

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Knowledge base

 Details the whole process of creating or expanding an Energy Community



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Guidelines for emergent market roles & Policy recommendations

- Steering market-based recommendations
- Measures beyond marginal pricing
- Legal analysis and comparison of COMMUNITAS pilots



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POWER









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