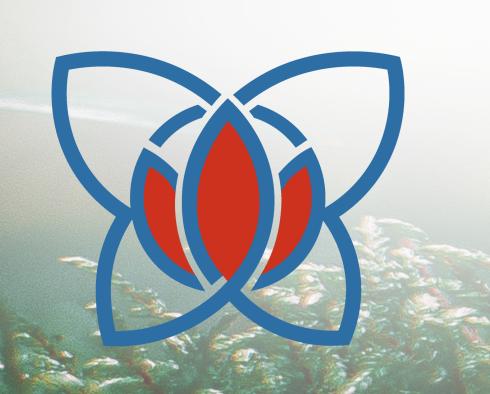# Energy Communities, Ecovillages, and Intentional Communities:
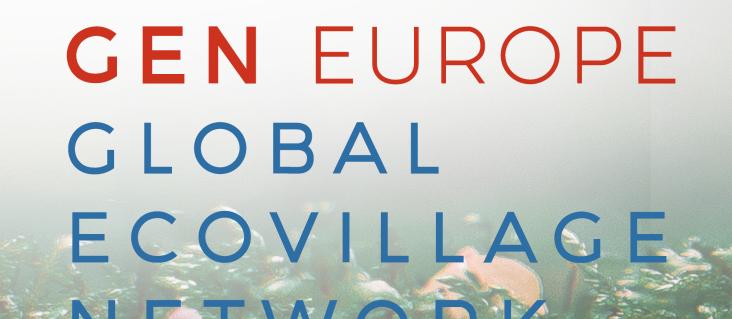
Information sharing among "learning communities" for Rapidly Spreading and Scaling Successes

ripess europe
Solidarity Economy Europe
www.ripess.eu

GEN EUROPE GLOBAL ECOVILLAGE NETWORK

EC²
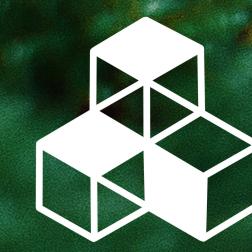
EC2: Energy Citizenship for Energy Communities

Community Energy Solutions, LLC

Energy Communities employ many tools, technologies, and practices that reduce climate-destabilizing emissions and support communities in multiple important ways.

Can ecovillages and other intentional communities learn smart practices from energy communities?

Can energy communities learn from ecovillages and other intentional communities?

An ongoing open-source research project investigates these concepts. Please contribute success stories!

Key practices employed by many **ecovillages**

- *Conscious consumerism, conservation, and resource sharing,* improving health and wellness while using less stuff, and maximizing community value while minimizing wastes

- **Integral designs** for achieving cultural, economic, ecological, and social resilience, restoration, and regeneration for both individuals and communities

- **Local food production and permaculture**

- **Participatory, inclusive decision-making**

- **Resilience practices** -- "[T]o continue to be centers of hope . . . it is vital for ecovillages to integrate climate risks in their planning."

https://tinyurl.com/2cn9bt65

Energy community successes for individuals, neighborhoods, villages, and communities

Community based energy systems
- Deep energy efficiency
- Neighborhood, village, and community scale energy supplies: bioenergy, hydro, solar, energy storage, wind, and more

Energy citizenship and energy democracy
- Open, full. inclusive public participation in planning for integrated food, energy, and water systems

Nano-, Mini-, and Micro-grids
- for high reliability and resilience
- to reduce user costs using smart grid management
- providing valuable grid-services

P2P Peer to Peer Energy Trading
- Leveraging maximum value from local supplies, rather than treating local supplies as wholesale power.

SEU Sustainable Energy Utilities
- Non-wire community corporations directing progressive projects, in addition to or instead of monopoly utility companies

VPP Virtual Power Plants
- Intelligently managing household, building, neighborhood, village, and community energy supply and demand, to lower utility costs while acting as "good grid citizens"

https://tinyurl.com/3vvafw7n