

# Global expansion of sustainable community projects

An international project led by the Samsø Energy Academy, Denmark

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# Let's take a step back

- Why do we talk about energy?
  - Climate change
    - Kyoto 1997, EU targets by 2020
    - EU targets by 2030
    - Paris 2015 for post-2020
- Why do we talk about islands?
  - Vulnerable
  - Off-grid? Cable? Cost!
  - Community and identity

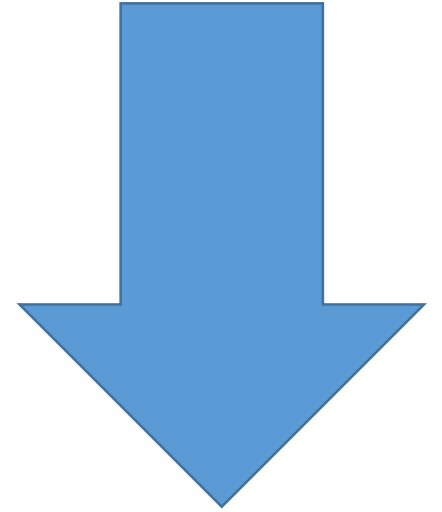
# Governance and engagement

- Citizens & community
- Local (usually municipal)
- Regional (region, county, province, prefecture...)
- Member State
- European Union

Level	What	Role for implementation	Investment
<b>European</b> Energy & Climate Action EU targets	EU to Member- States (top- down)	Framework  Money to MS based on regional GDP  Inspiration to local level  Overview of implementation	European Fund for Strategic Investments (Juncker Plan)  Market
<b>Member State</b> Energy & Climate Action National targets	Responsibility for delivery	No same approach towards targets	Public Investments? (Yes/No)
<b>Regional</b>	Investment motor	Provide guidance / support to local level  Operational Programmes	EU Structural Funds? (Yes/No)  Market (Financial Instruments)?
<b>Local</b>	Engagement	Covenant of Mayors / Pact of Islands  Smart Cities / Smart Islands Initiative  Community power	Community

# Engagement towards change

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- Regional (region, county, province, prefecture...)
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# Samsø: a sustainable energy community

- 1997: Political decision to become renewable energy island
- Electricity: On&Off-shore wind, PV
- Heating: Biomass & district heating
- Transport: Biogas ferry & EVs
- Participation and ownership
- Visibility - brand name – energy tourism
- Engagement of the community



# Sustainable community

- Small island - big planet
- Community
- Common direction



# Global expansion of sustainable community projects

**Project leader:** Samsø Energy Academy

- Maine and Hawaii, USA
- Victoria, Australia
- Japan
- .....



- **Aim:** To enhance community engagement in sustainable energy projects
- **Vision:** To stimulate a community-based energy transition







# Focus and vision



**Principles** of community power

**Hubs** as core enabling facilitators

**Best practices** worldwide

**Global** coordination and **fund raising**

**Showcasing** at high level

**Thank you for your attention!**

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