Smart Villages throughout the EU
A common perspective to revitalise rural areas through different visions

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SMART VILLAGES AND RURAL TOWNS IN IRELAND
4th July

#Smartvillages
@Enrique_ENRD
Contents

1. What are Smart Villages?

2. Some examples

3. Policy tools for supporting Smart Villages
Sources of information

Smart Villages Video
https://youtu.be/ckB71hb0kx0
Smart Villages

- Jobs
- Basic services
- Digital
- Social
- Challenges
- Opportunities
- Villages
- Cooperation and partnerships
- People
- Future vision
An inclusive definition – Pilot Project

http://www.pilotproject-smartvillages.eu/

• “Smart Villages are communities in rural areas that use innovative solutions to improve their resilience, building on local strengths and opportunities.

• They rely on a participatory approach to develop and implement their strategy to improve their economic, social and/or environmental conditions, in particular by mobilizing solutions offered by digital technologies.

• “The use of digital technologies is not a precondition for becoming a Smart Villages”.
There is no one model for Smart Villages.

It is a community-led process,
All villages can be smart.
Bioenergy Village
Germany

<table>
<thead>
<tr>
<th>Financing</th>
<th>EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooperative Shares</td>
<td>300 000</td>
</tr>
<tr>
<td>Cooperative Loans</td>
<td>1 500 000</td>
</tr>
<tr>
<td>Federal Government – Subsidies</td>
<td>500 000</td>
</tr>
<tr>
<td>LEADER</td>
<td>200 000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2 500 000</strong></td>
</tr>
</tbody>
</table>

Source: Leader Göttingerland
Community Broadband  – Kuhno (FI)

Infrastructure | Length of network | Data speed | (Potential) subscribers
--- | --- | --- | ---
Fibre optic | 165 km | 100 Mbps to 1 Gbps Internet data transfer speed | 200 households (74% of all households in 8 villages)

<table>
<thead>
<tr>
<th>Financing</th>
<th>EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAFRD</td>
<td>627 372</td>
</tr>
<tr>
<td>National co-finance</td>
<td>766 788</td>
</tr>
<tr>
<td>Private funding/loans:</td>
<td>122 460</td>
</tr>
<tr>
<td>Value of villagers' voluntary work</td>
<td>367 380</td>
</tr>
<tr>
<td>Total</td>
<td>1 884 000</td>
</tr>
</tbody>
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Digital Villages (Germany)

Acting at all levels of the local digital ecosystem

- ORGANISATIONAL ECOSYSTEM
  - Smart Village Living Lab
  - ICT Partner & Network
  - Business Model
  - Digitalization Roadmap

- Domain Specific ICT Services
  - Local Supply
  - Communication
  - Mobility
  - Government
  - Work & Education
  - Med & Care

- Technical Platform
  - Basic Platform Services
  - Event-oriented Architecture
  - Data Management
  - Data Intelligence
  - Connecting domain specific services

- Infrastructure
  - 5G

- SOCIETY
  - Residents
  - Local Business
  - Municipality
  - Science

- Acting at all levels of the local digital ecosystem
Community Hydro Scheme – Braemar (Scotland)

<table>
<thead>
<tr>
<th>Financing</th>
<th>EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Sources (Council, Community Trust, National Park) - Feasibility</td>
<td>33 000</td>
</tr>
<tr>
<td>Community Energy Scotland (Repayable grant with interest if successful) – Preparatory period</td>
<td>117 000</td>
</tr>
<tr>
<td>Crowd funding</td>
<td>800 000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>950 000</strong></td>
</tr>
</tbody>
</table>
CLLD and Smart Villages

CLLD supports the creation of state of the art community owned broadband

CLLD supports the rolling out of a mobility app developed by a social enterprise to other rural areas in France

CLLD supports a social enterprise providing a training itinerary to support rural SMEs in their digital transformation

CLLD cooperation measure is used to build a regional network of co-working spaces across an entire region
Enabling a transition

Flexible tools to enable rural communities to make the transition

**Departure**
- Declining jobs
- Inadequate Services
- Digital divide
- Depopulation

**Arrival**
- Digital transformation
- Low carbon, circular economy
- Service innovation
- New value chains
- Rural–urban cooperation
European toolkit to support Smart Villages

- No new policy or funding instrument is envisaged
- They are parts of an **integrated toolkit** in which each instrument can play different but **complementary** roles in diverse circumstances
- **Flexibility to adapt** a wide range of existing tools in ways that create the enabling framework for Smart Villages.
- Ensure that the right policy tools are made **available** in the **right place** at the **right time**
- **Tools should be made available to local communities**
  - in a form that is easy to use
  - flexible and modular so that they can be adapted to different and evolving circumstances
Rural development toolkit

Interventions in CAP Strategic Plans:

- **Cooperation** (Art 71 – LEADER and other forms of cooperation)
- **Investments** (Art 68)
- **Young farmers and business start-ups** (Art 69)
- **Knowledge exchanges and information** (Art 72)
Objective 5 of Cohesion policy

- ITIs
- CLLD- rural-urban links

ESF+ (innovative actions. art 13)

- Social inclusion
- Social innovation
- CLLD

Smart Specialisation Strategies


Integrated national Strategies

and Horizon 2020, INTERREG, Financial Instruments ....
“LEADER/CLLD “has it all for being one the main vehicles for driving Smart Villages”

- as long as all the features (of the LEADER approach) are present.
- Yet, to play to its full potential, LEADER/CLLD needs to be complemented by an enabling environment (larger scale investments, regulatory environment, coordination).”

European Commission 6th Meeting of the Thematic Group
How to ensure that LEADER can mobilise these tools effectively for local communities?
1. A more flexible package of LEADER/CLLD support (eg. lump sums with draft budgets to support local cooperation?)
2. A broader scope of intervention
3. Better alignment of LEADER/CLLD with other policies
4. The use of indicators and metrics that better reflect the wider contribution of LEADER/CLLD to the longer term goal of transition

Smart Villages Thematic Group Policy Orientations “How can LEADER/CLLD support Smart Villages"
Suggested first steps

1. Meetings of all actors in delivery chain to jointly identify implementation barriers
2. Joint exploration of solutions
3. Joint exploration of how Smart Villages may be integrated into LDS
4. Codesign of wider Smart Villages support framework
5. Clarification of the role of the National Networks

Smart Villages Thematic Group Policy Orientations “How can LEADER/CLLD support Smart Villages”
Sources of information

SMART VILLAGES PORTAL
Follow our news & events on the portal. Explore the latest policy developments, research, projects and initiatives.


SMART VILLAGES COMMUNITY
Join us on Facebook and share your experience and thoughts on Smart Villages with a growing online community.

https://bit.ly/2VG1UXo

SMART VILLAGES PUBLICATIONS

https://bit.ly/2ODP1Kq
Orientations for using all policy tools available to help Smart Villages to emerge – now and in future:

• How to support Smart Villages strategies which effectively empower rural communities?
• How can LEADER/CLLD support Smart Villages?
• Using non-LEADER/CLLD cooperation to support Smart Villages
• How to ensure that digital strategies benefit rural communities?
Thank you very much!

https://enrd.ec.europa.eu