



# Introduction to sustainable mobility in low density areas

**Elke Bossaert**

Sharing mobility in EU rural areas event 4<sup>th</sup> May, Brussels



Elke Bossaert - Mobiel 21



www.epomm.eu



Managing mobility for a better future

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 June 1-3/ Athens, Greece  
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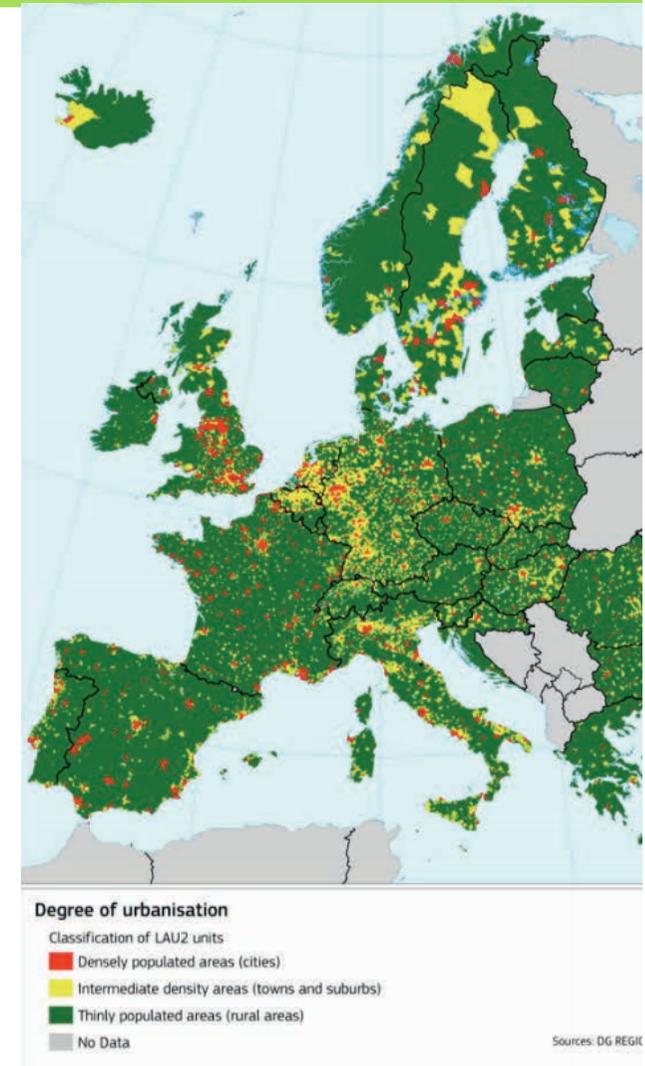
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# Rural Area ?

- **“Thinly populated area”**  
(2014, EU new Urbanisation classification)
- Based: population grid 1 km<sup>2</sup>
- Thinly populated area
  - More than 50% of the population living in rural grid cells
  - Rural grid cell: -300 inh/km<sup>2</sup>, -5000 total
  - Urban clusters ( > 300/km<sup>2</sup> + 5000) are possible!
- 30 % EU population
- Differences between countries & regions



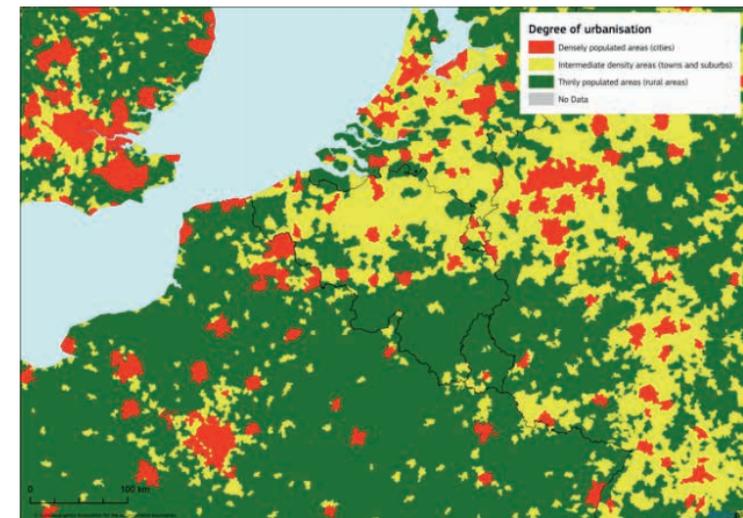
EU

Belgium
Bulgaria
Czech Republic
Denmark
Germany
Estonia
Ireland
Greece
Spain
France
Italy
Croatia
Cyprus
Latvia
Lithuania
Luxembourg
Hungary
Malta
Netherlands
Austria
Poland
Portugal
Romania
Slovenia
Slovakia
Finland
Sweden
United Kingdom

Share of total population in %		
Densely populated	Intermediate density	Thinly populated
40	31	29

27	57	17
43	23	35
30	33	37
34	21	45
34	42	24
41	17	43
35	21	44
50	24	27
33	31	36
38	25	38
33	42	25
29	29	42
52	22	26
42	20	38
41	5	54
18	37	45
29	35	36
50	43	8
44	41	15
30	29	41
35	24	41
43	30	27
33	22	45
18	32	50
21	36	43
45	22	33
38	31	31
57	29	13

Map 9 New degree of urbanisation

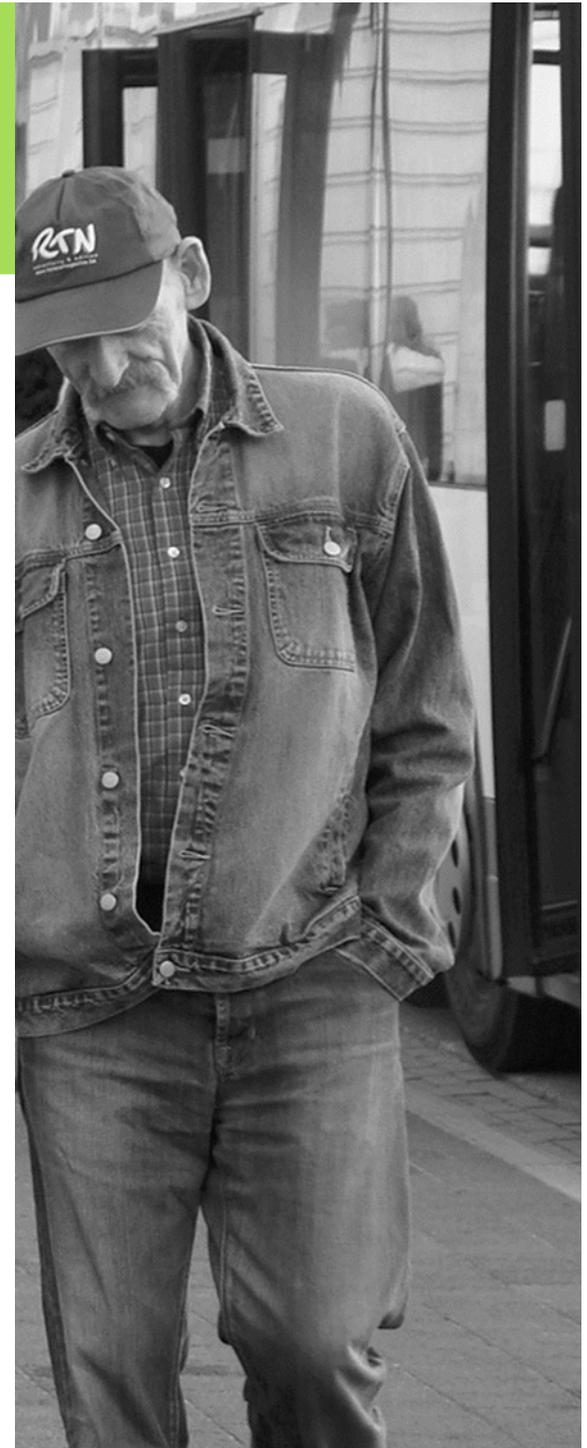


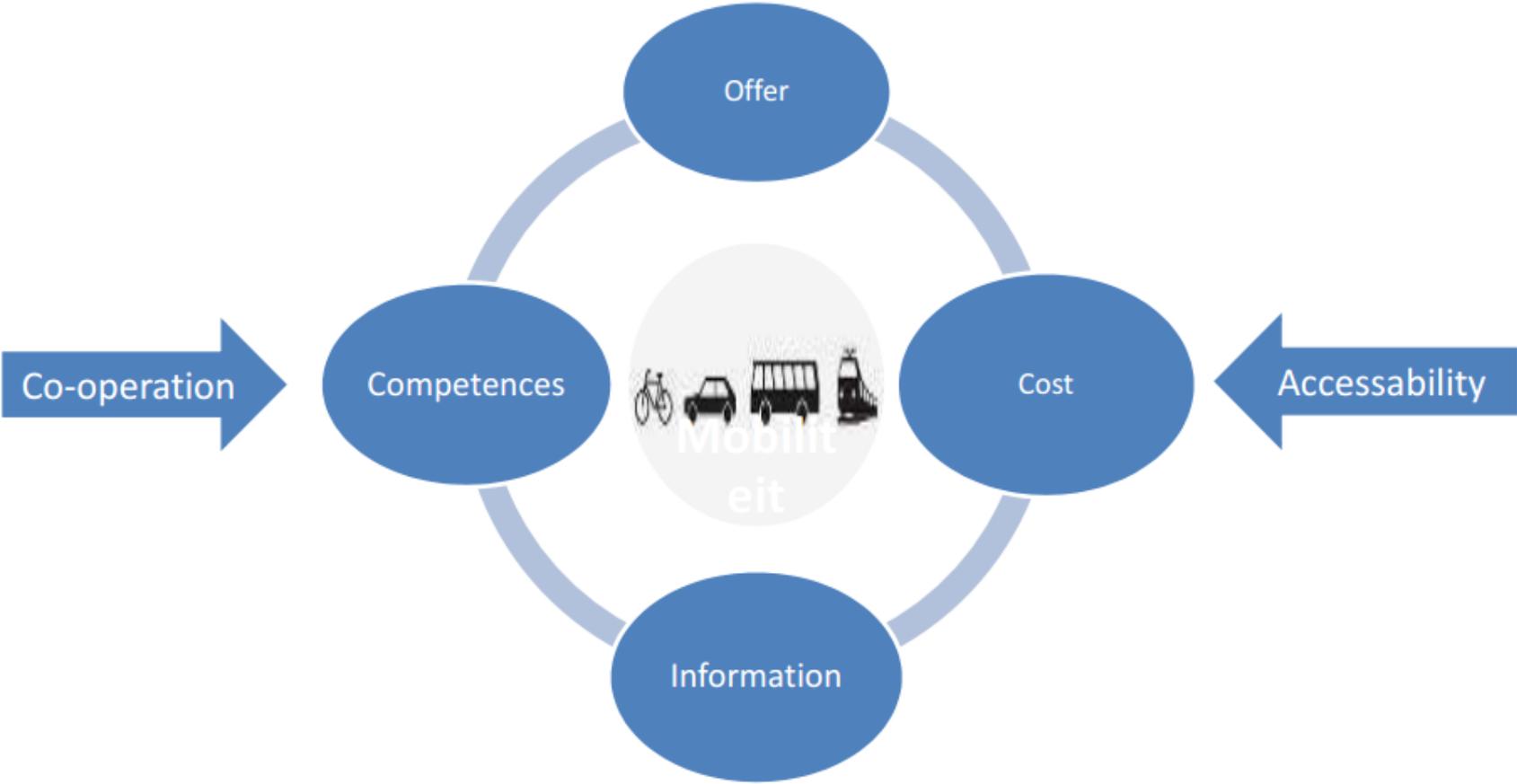
# Characteristics

- Low built up area ( + scattered population)
- Economical criteria ( income, work offer, education, housing prizes...)
- Social-demographic criteria (elderly, 1-parent-families...)
- Mobility & Accessibility
  - *Car-oriented mobility*
  - *Cut-through traffic*
  - *Logistics: high costs, specific users (farmers)*
  - *High maintenance costs traffic networks & infrastructure*
  - *High operating costs PT, often low basic offer*
  - *Bike share depending on geographical (& weather) conditions*
  - *Transport poverty*

# Mobility for all in rural areas

- Multimodal accessibility
  - PT basic offer
  - Demand oriented alternatives
  - Sharing mobility (peer-to-peer)
  - Include walking and cycling in first/last mile
- Holistic & integrated approach
  - Land use planning
  - Social-economic policy (e.g. reduced prizes)
  - Participation of citizens
  - Climate & environment: e-mobility





# EU best practises

- Kombibus Uckermark, Germany
- 49 PIMMS in France
- Wigtownshare community transport, Scotland (sharing vehicles)
- Village bus in Kolshire, Sweden
- ZIVI carshare platform, Hungary
- Electric bicycle promotion in Slovenia



Move on green

Improving sustainable transport in rural areas

# Best practises

- Sharing municipalities car park in Flanders
- Book a bus Wales (2€)
- Regiotaxi Netherlands
- Rondweg halte (PT corridor + bike)

figuur 5: Locaties rondweghaltes Heenvliet en Ceervliet

