

How to scale up digital solutions in smart cities and communities

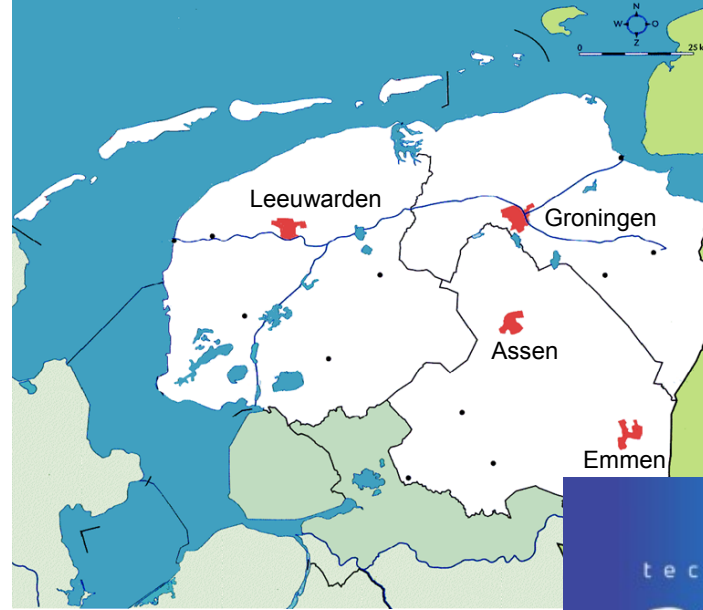
The SMC perspective

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Emmen

The facts

- Largest industry cluster
- Largest business park
- Least densely populated area
- Fourth largest Dutch municipality in size: 390km²
- 107,000 inhabitants of which 50% in 13 small towns
- Part of Northern Netherlands region of Smart factories
- Smart Shared factory and fieldlab Technologies Added



NORTHERN NETHERLANDS REGION OF
SMART FACTORIES

Specificities of small and medium-sized cities

- Physical space and ease for testing and implementing
 - Smaller projects, faster results
 - Less resources, bigger impact
 - Relatively large share of SMEs
 - Great need for cooperation to be able to do the required investments
 - Attractive level of living conditions
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Challenges of SMCs in becoming smart

- Limited availability of resources
 - Lack of volume
 - Insufficient infrastructure e.g. 5G
 - More effort to be heard
 - More difficulty in attracting expertise, skills and talent
 - Even more need for cooperation nationally and across Europe
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Possible solutions to address the challenges

- Cross-border cooperation between smaller cities
 - Need for shared standards
 - Need for shared legislation
or standardisation
 - Stimulate availability of 5G in less densely populated areas
 - Stimulate sharing experiences and solutions between governments enabling replication
 - Introducing non regulatory zones
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Small cities, big impact!

- Polis Small and Medium-Sized Cities Platform (SMC)
- Ambassador's Initiative
- And now: taking things further!



Thank you

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