

Projectpartners:



Met de steun van:



“Flanders Smart Fields”

Realizing a 5G stand-alone network for innovative field applications

Barcelona, November 6th 2024



Flanders Smart Fields

2021 – Challenge insufficient coverage



Spectrum Auction
July 2022

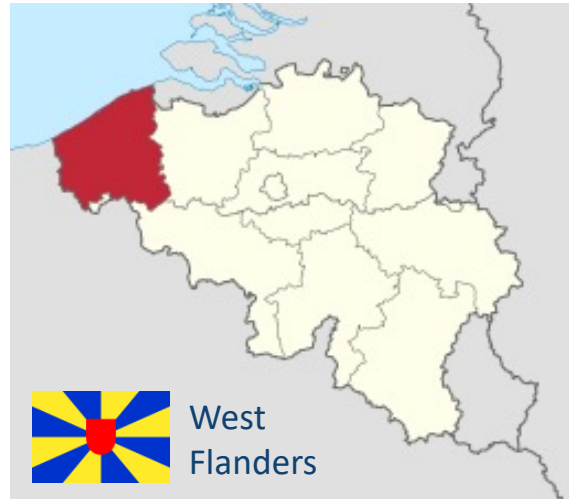
proximus

NRB
DARING TO COMMIT

telenet

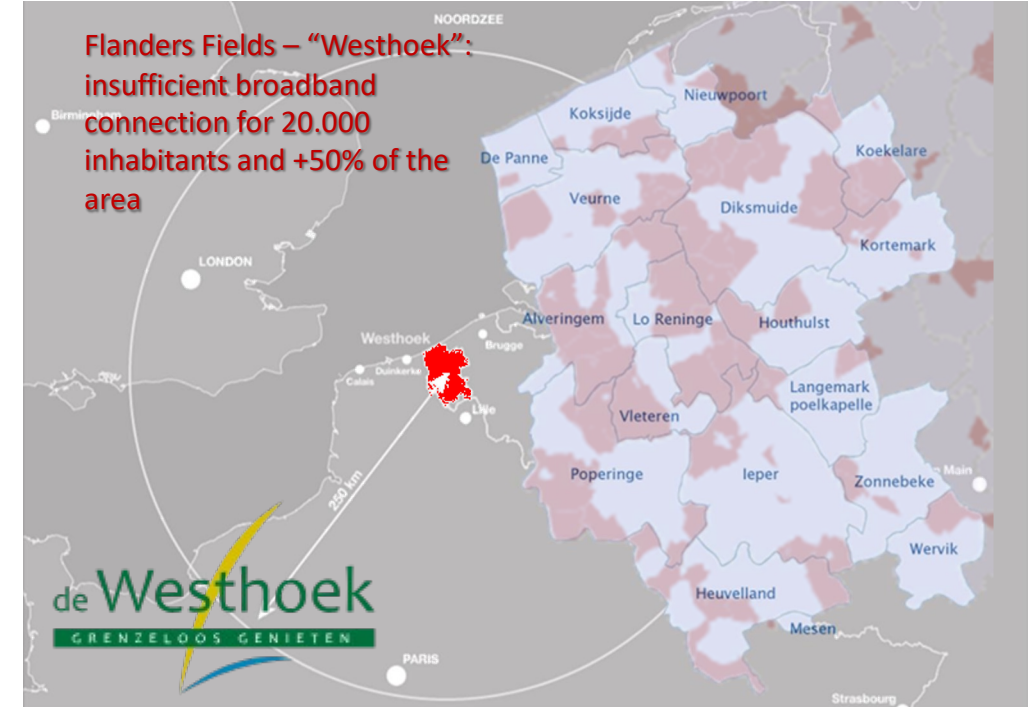
CITYMESH

orange



execution of the socio-economic provincial policy

Together with our partners, we are making West Flanders a province where entrepreneurs can grow in a sustainable way. We stimulate entrepreneurship, invest in space to do business, bring innovation closer to the entrepreneur, develop the talent available in West Flanders and provide tailored data and information.



17 municipalities, 201k inhabitants,
rich history, tourism, agriculture

Projectpartners:



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Flanders Smart Fields

2022 – Opportunity call 5GSC and HADEA



European Health and Digital Executive Agency

- Realizing high-performance 5G network infrastructure
- To drive innovative 5G applications
- With a focus on healthcare and education
- As a blueprint for other initiatives

Projectpartners:

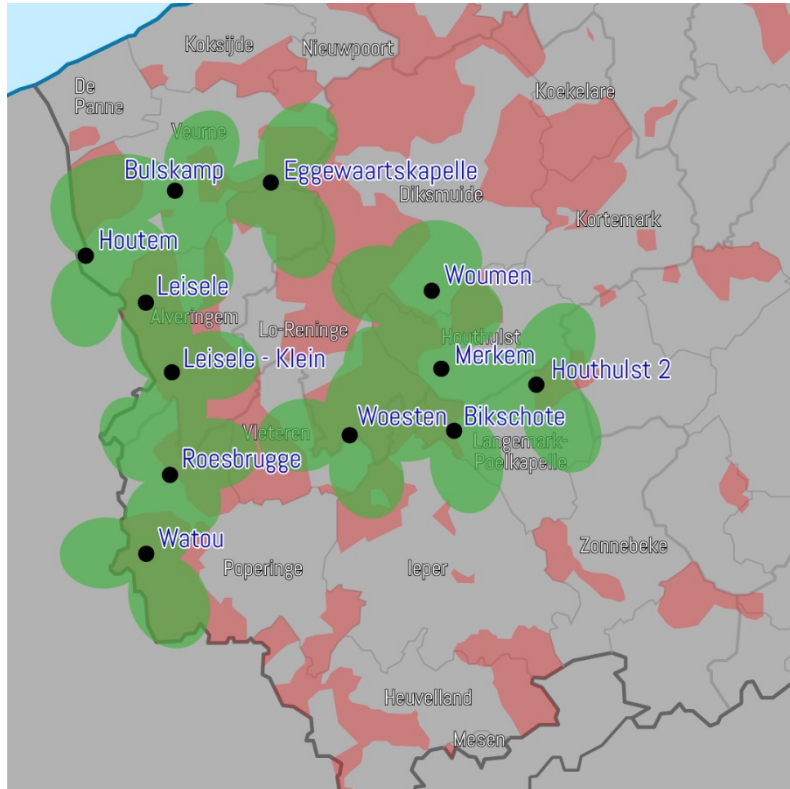


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Flanders Smart Fields

2024 – Realizing 5G stand-alone infrastructure



*Simulation of possible blind spot coverage with 12 sites
Final location and coverage is subject of the ongoing site surveys*



Use case 1: Transportation of blood samples by drone



Use case 2: Remote classroom for students unable to attend classes



Use case 3: Remote assistance for connected emergency response vehicles

Flanders Smart Fields network:

- 12 sites to cover maximum of “blind spots”
- 5G Mobile Private Network
- Seamless roaming with commercial MNO
- Deployment 2024 - 2025

Projectpartners:



Met de steun van:



Flanders Smart Fields

2024 – Oct 4th Inauguration & demonstration



Projectpartners:



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Partners



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