

COMMECT

Bridging the digital divide and addressing the need of Rural Communities with Cost-effective and Environmental-Friendly Connectivity Solutions

Towards robotics empowered rural regions

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AIOTI & DunavNET

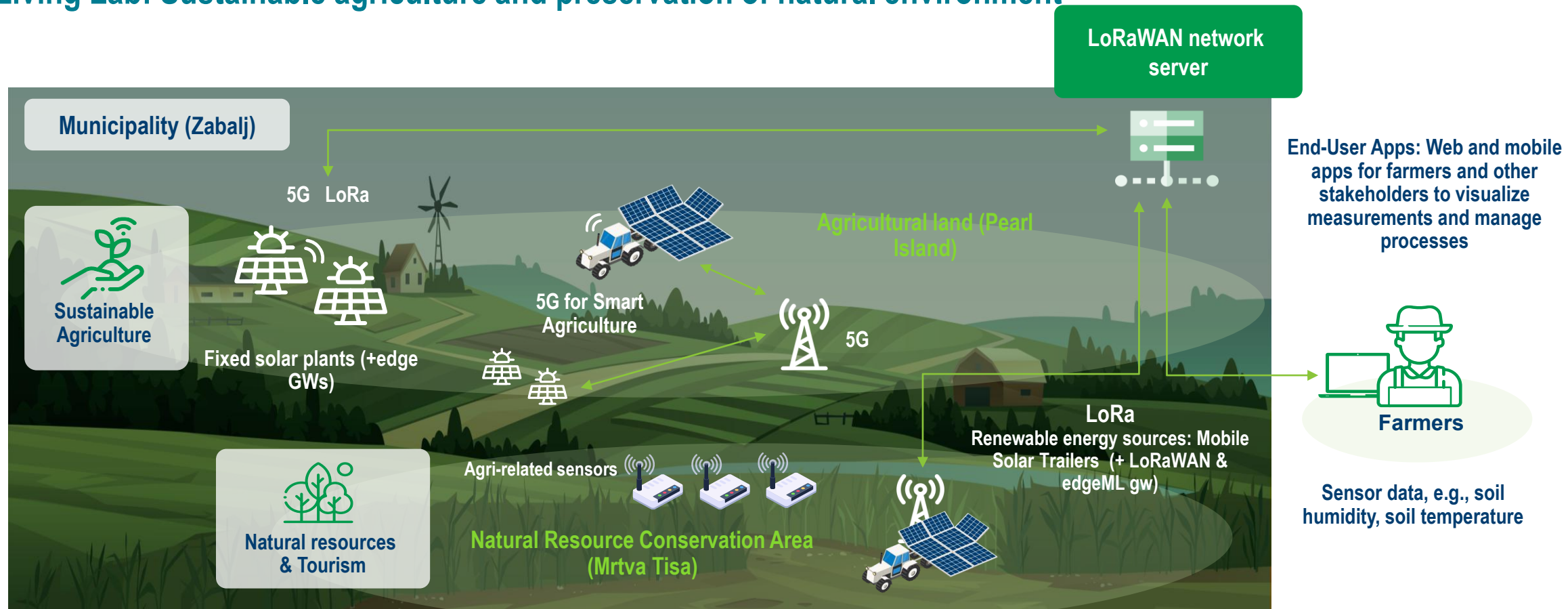


COMMECT is a Horizon Europe project
Grant Nr 101060881





Living Lab: Sustainable agriculture and preservation of natural environment







COMNECT Living Lab #2 Connected Forestry



Kongsvinger, Norway



Primary Stakeholders and end-users



JOHN DEERE

SKOGBRAND



Photo credit: Kai Roger Lindberget



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Remote operational support from expert for forest machine operators

- Remote guidance and support for forest operators using high quality video transmissions from forest machinery over 5G networks
- Deployment of local private 5G networks specifically tailored for forestry areas

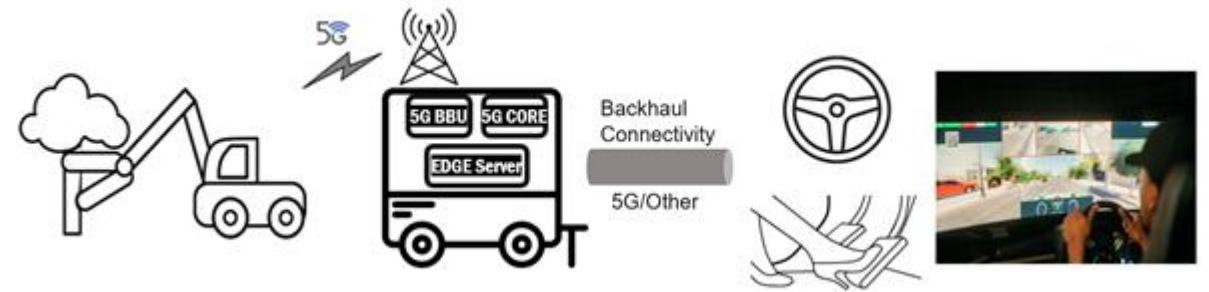
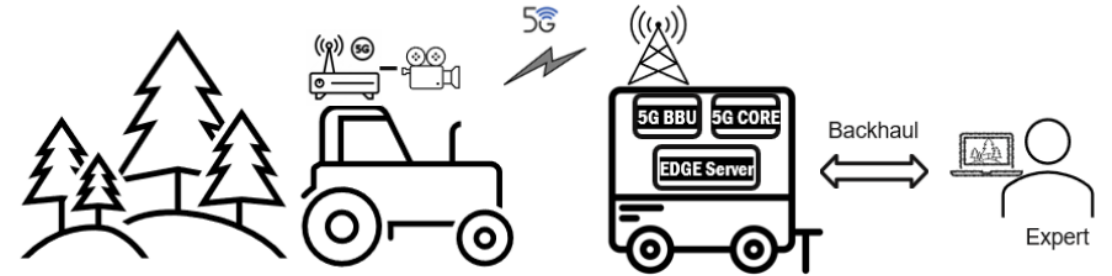
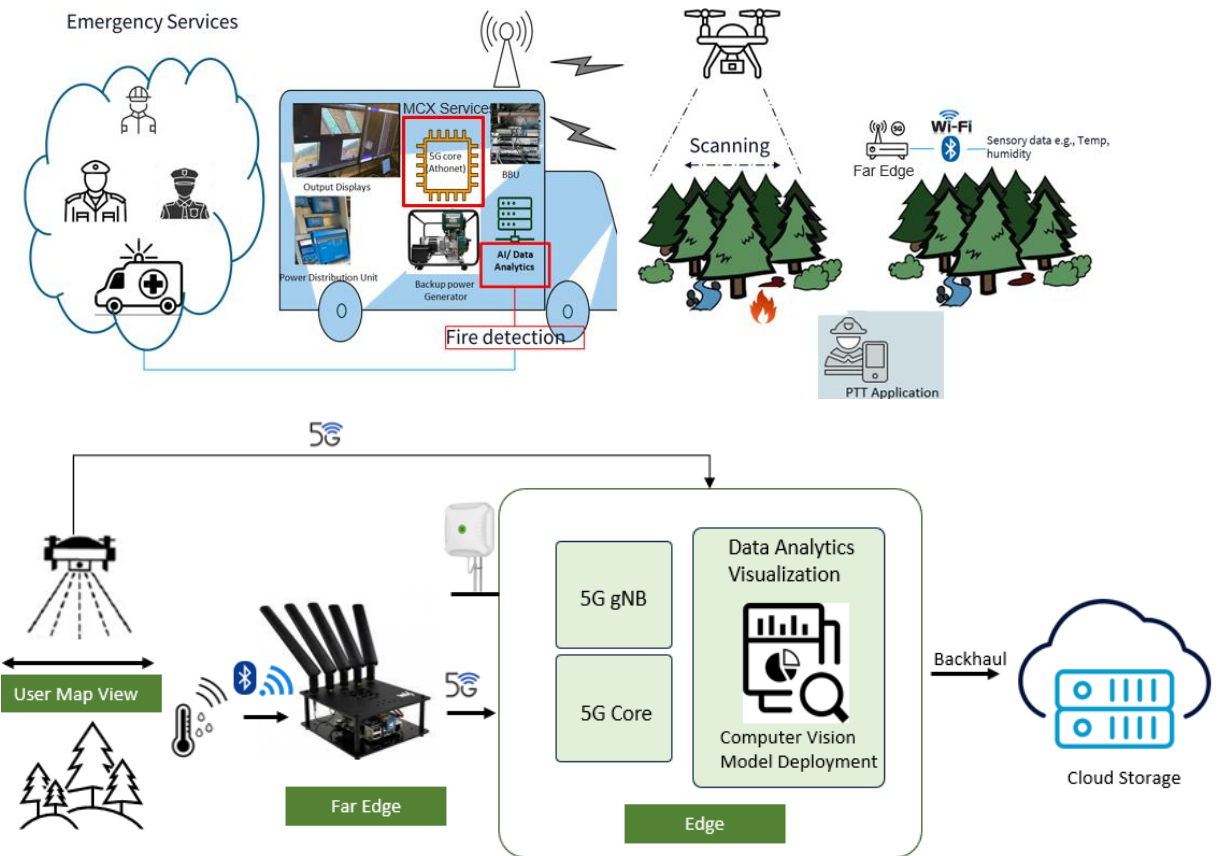


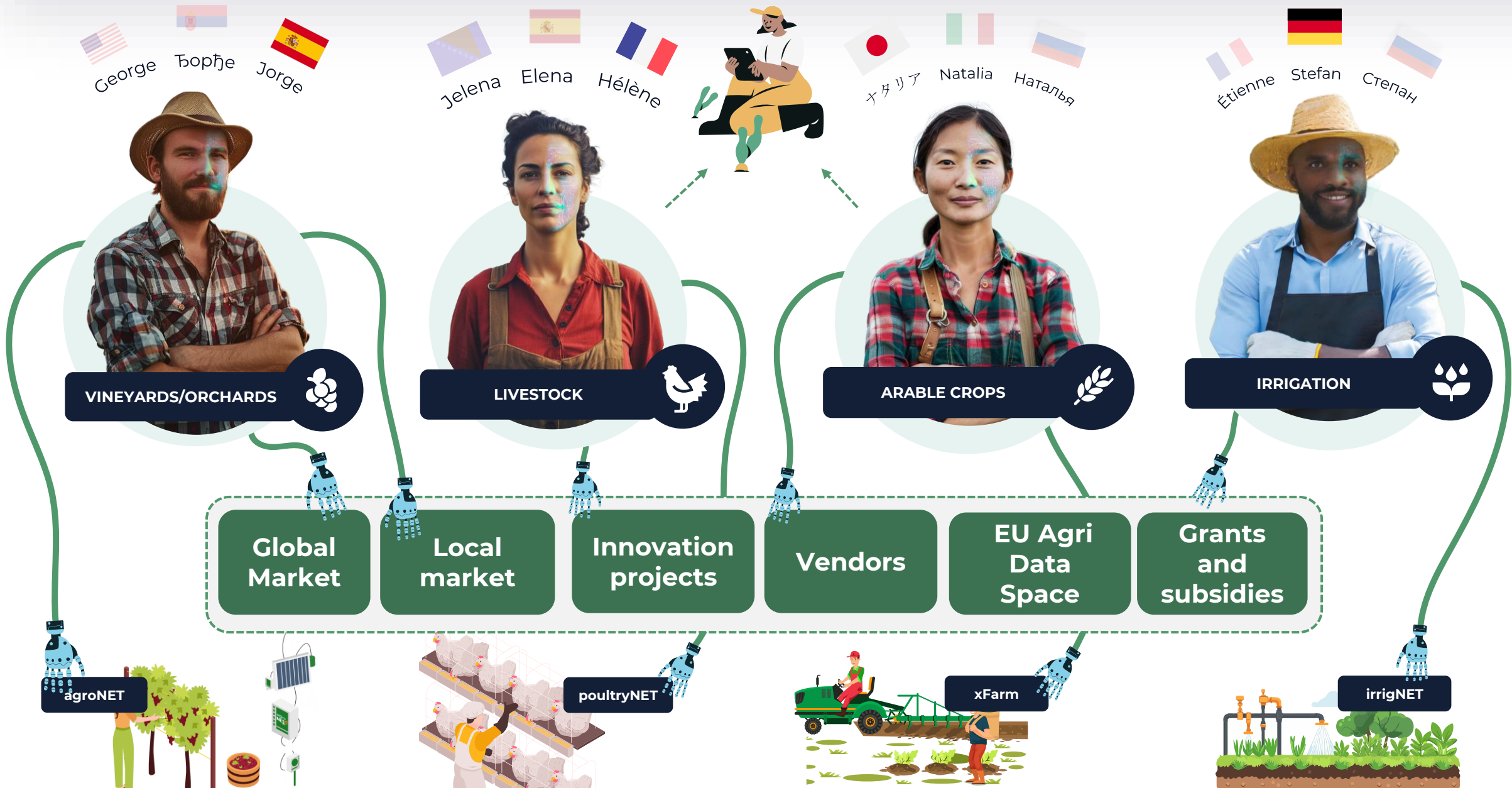
Figure. Remotely controlled Forestry Machinery concept

Complex situational awareness services in the forest

- Monitoring and surveillance environment to protect forests from different accidents like forests fires
- Enhance efficiency and safety of emergency personnel.
- LL components:
 - Drones
 - Ground Sensors
 - Edge Computing (Near Edge and Far Edge)
 - Private 5G Network



Ag AI agents. Experts. Advisors. Personalities.



Thanks.

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