

DIGITISATION: ECONOMIC AND SOCIAL IMPACTS IN RURAL AREAS

DESIRA Declaration: Together for a more inclusive and sustainable rural digitalisation in Europe

We, 120 participants from 20 countries, met for DESIRA Final Conference in Brussels from the 26th to 27th of April 2023, gathering citizens, researchers, policymakers, European Union institutions, representatives of civil society organisations and private companies.

We understand that **digitalisation generates socio-economic impacts** in rural areas, agriculture and forestry and we pursue to improve the capacity of rural stakeholders, farmers and foresters to **respond to the challenges that digitalisation entails**.

We recognise that digitalisation is an integral part of a broader "twin" transition that the European Union has committed to pursuing in line with the United Nations' Sustainable Development Goals. We recognise that achieving a sustainable and inclusive digital transformation requires a comprehensive understanding of the intended and unintended benefits, challenges and obstacles associated with digital technologies.

We emphasise the importance of establishing sustainable **rural digitalisation** as a **strategic objective**, with priorities based around **rural issues** and set through **community engagement**. This requires a **coordinated strengthening** of policies related to rural digitalisation, identifying responsible parties for implementation, assessing available resources, and determining how they should be allocated. Furthermore, it is necessary to expand the scope of digitalisation **beyond agriculture** and extend it beyond the timeframe of the Common Agricultural Policy.

Additionally, policymaking for rural digitalisation requires an **evaluation of the current status of digitalisation** in rural areas and to consider **adopting flexible policy approaches** that can accommodate rapid changes as well as **diverse policy pathways** that account for contextual differences across rural areas

The **European Commission should provide instruments** to make rural digitalisation policies effective and therefore, to enable for alignment, monitoring and accountability of policies in the Member States.

We endorse **future policies to provide directionality** to the technological pathways and to integrate them with the specificity of the contexts where technology applies, rather than fostering only market-based digitalisation. This implies the adoption of **Responsible and Research Innovation principles** into the digitalisation strategies.



DESIRA receives funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 818194



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As a result, we propose ten pathways to support policies towards more inclusive and sustainable rural digitalisation in Europe that are fully aligned with the EU's Long-Term Vision for Rural Areas:

1. To ensure accessible, highquality connectivity and digital infrastructures in rural areas.

It means an affordable, reliable, stable connectivity that presents low latency and redundancy. Physical and backbone infrastructure are required to fully benefit from agriculture/forestry 4.0 and to move towards digital sovereignty.

2. To increase interoperability of digital technologies for rural areas, forestry and farming.

Achieving real interoperability of digital systems needs to tackle legal, organisational, data structure/semantic and technical elements.

3. To improve rural, forest and agriculture data governance and data management following ethical principles.

There should be clarity about how data is collected, managed, processed, and owned to fully benefit from the use of data.

4. To streamline digital education and competencies adapted to different groups in rural areas.

Digital strategies should tackle all three components of the digital divide: infrastructure, skills, and uptake.

5. To promote innovation and digital ecosystems in rural areas.

Knowledge and innovation can contribute to achieving the goals of the LTVRA and the European Green Deal -capitalising on localised Agricultural Knowledge and Innovation Systems- and generate new business opportunities.

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6. To provide easy-to-use and affordable digital services to rural communities, farming and forestry.

Digital services should be more transparent and user-friendly to increase their adoption. Digital services should be co-designed with rural users and pass rural proofing.

7. To mainstream digital solutions to support service provision and administrative routines in rural areas.

Digital technologies can support improving and enhancing -not replacing- the quality of the service provision in rural areas.

8. To support data-driven decisions in farming, forestry and rural areas.

This should be the last step of the digital transformation, as it can only happen when there are advanced digital skills, high-quality connectivity and full trust in the digital ecosystem.

9. To monitor rural digitalisation policy's progress, impacts and efficiency.

Making disaggregated rural digitalisation data available and establishing mechanisms to push States to fulfil Member the objectives related rural to digitalisation.

10. To raise awareness about the value of rural areas and to foster public engagement in rural issues.

Society at large should recognise the goods and services provided by rural areas, the inter-dependency of all territories and the role of rural areas in the EU's green and digital transitions.



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Signatories commit to supporting rural areas in their transition to digitalisation and:

- To **generate research-based evidence** about rural digitalisation and to make it accessible.
- To **share available resources** to improve rural digitalisation, including funding and supporting instruments, at regional and local levels.
- To work on **reducing the rural digital divide** (enhancing interoperability of digital systems; generating and sharing accessible and safe data and tools; contributing with resources to improve digital education; supporting ethical development of technologies; etc.).
- To **strengthen collaboration and knowledge exchange** among researchers and rural stakeholders.
- To **engage in transdisciplinary and collaborative projects** regarding rural digitalisation.
- To support and disseminate rural digitalisation projects that follow Responsible Research and Innovation approach.

In Brussels, 27th of April 2023,

If you want to endorse this Declaration, please visit: Sign the DESIRA Declaration for a digital future! (google.com)