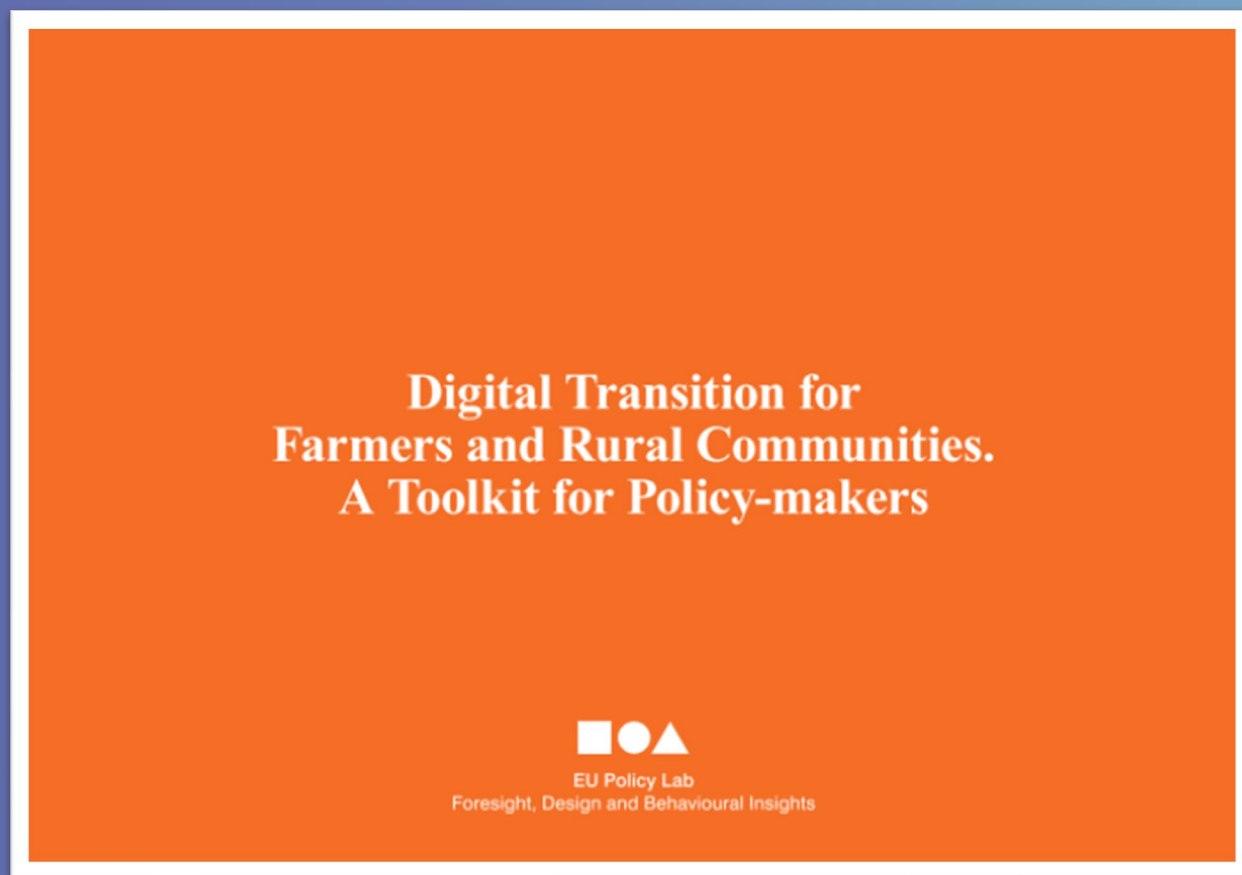


Digital Transition for Farmers & Rural Communities

Toolkit for policy-makers

Toolkit for policy-makers



https://knowledge4policy.ec.europa.eu/foresight/topic/digital-transition-toolkit_en

Toolkit content

I. THEORY

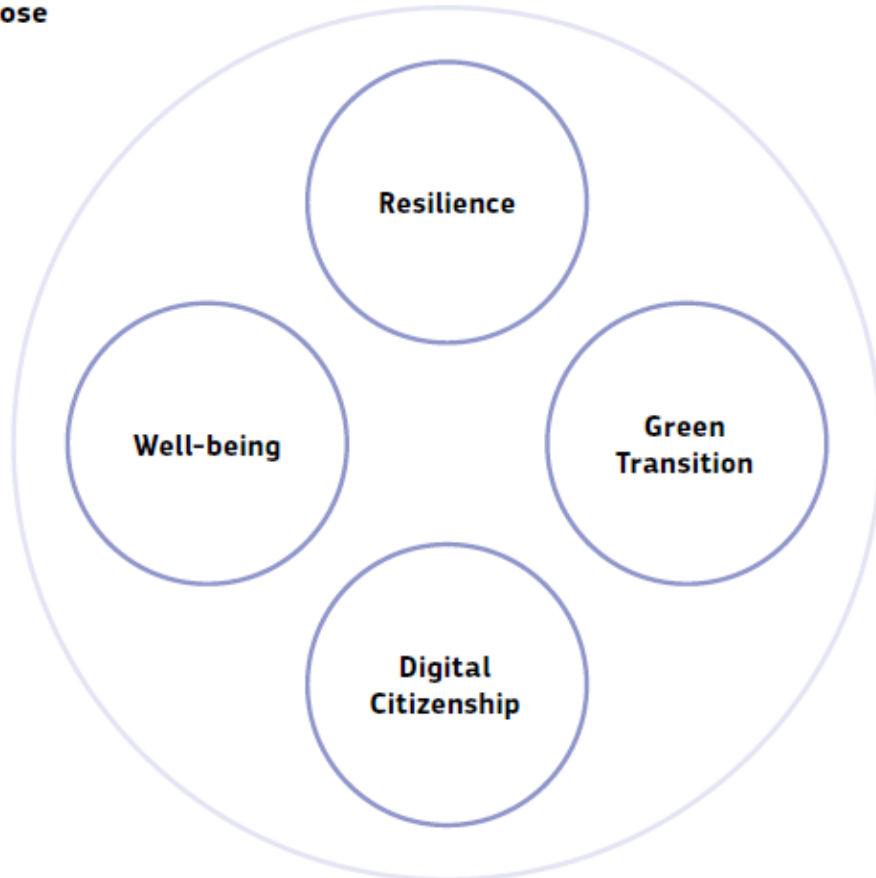
Questions to explore the purpose, values, and principles to guide your digital transition process

II. PRACTICE

Activities to discuss the key enablers for the transition & scenarios to stress-test your strategy

Purpose of the digital transition

Purpose



Resilience

The ability to cope with shocks and bounce forward towards systemic transformation. Digitalisation should increase economic, social, environmental, and geopolitical resilience.

Green Transition

The fundamental shift in production and consumption patterns needed to live within planetary boundaries. Digitalisation could ensure better systems management that increases efficiency and productivity.

Digital Citizenship

The ability to participate actively in society with the help of digital technology. Key aspects are digital rights and privacy, access, literacy, engagement, empowerment, and the right to not go digital and still thrive.

Well-being

Quality of life and opportunities to contribute meaningfully to the world. Digitalisation should contribute farmers' and rural communities' well-being by improving work conditions, access to services and infrastructure, and strengthening social ties.

Examples from THEORY

Resilience */rɪ'zɪliəns/*

Resilience is the ability to cope with shocks and bounce forward towards systemic transformation. Digitalisation should increase the economic, social, environmental, and geopolitical resilience.

This keyword relates to the purpose.
What do we need the digital transition for?

Theory → Purpose

1/21

In what way can digitalisation improve governance in our area?

Relates to Social Resilience

Theory → Purpose

3/45

What are our main dependencies? (raw materials, energy, technologies, etc.)

Relates to Geopolitical Resilience

Theory → Purpose

6/45

Values

Values



Trust

Confidence, reliability and mutual faith in the digital systems, technologies, organisations, and processes. Digital infrastructures and services should be safe by design, transparent, neutral and cybersecure, and respect users' privacy and data security.

Fairness & Equality

Encompasses fair pricing, payment terms, and relationships in the supply chain. Fairness is also about the equal distribution of benefits of digital technologies and access to digital technologies.

Power

The ability to influence and shape processes, decisions, and outcomes related to digital technologies and their implementation. It includes empowering farmers and rural communities to have a voice, agency, and control over their own digital transition.

Digital Sovereignty

Implies reducing dependency on companies or platforms that gather large amounts of data, leading to the accumulation of power and knowledge, often outside rural and farming communities or even national jurisdiction.

Care

Nurturing and protecting the well-being of farmers, rural communities, and the commons. Care implies an active consideration of possible negative outcomes and inequalities of digitalisation.

Examples from THEORY

Trust */trʌst/*

Confidence, reliability and mutual faith in the digital systems, technologies, organisations, and processes. Digital infrastructures and services should be safe by design, transparent, neutral and cybersecure, and respect users' privacy and data security.

This keyword relates to values that should guide the digital transition.

How do we build and sustain trust in digital systems, technologies, actors, and processes in our areas?

Relates to Trust

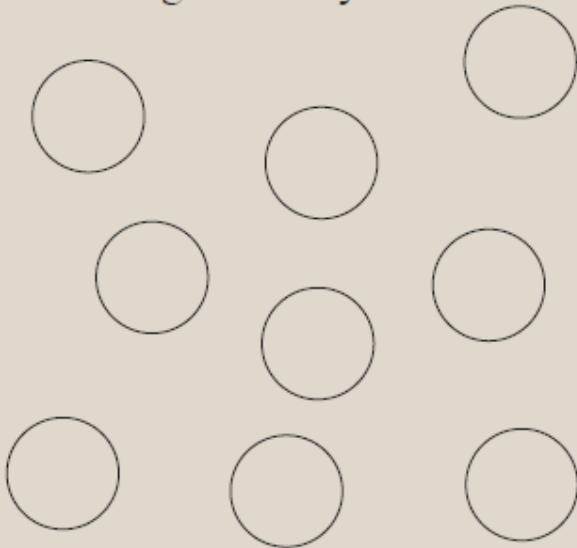
What types of incentives for data sharing would be most effective to build trust given our situation?

Relates to Trust

Examples from PRACTICE

Activity 1

Map out key actors and stakeholders in your digital ecosystem



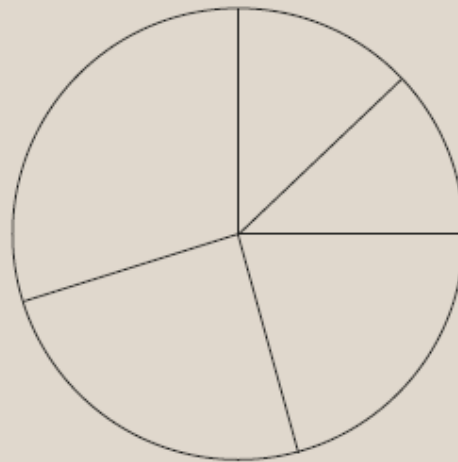
Note: Using the relevant actor cards, position each stakeholder on a flipchart.

Practice → Activities

1/5

Activity 5

Allocate budget for your digital transition strategy



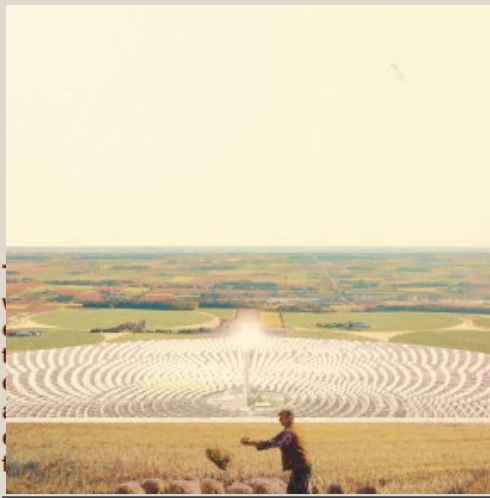
Note: Examples for partitions: capacity building, infrastructure and connectivity, development of the digital ecosystem and/or data schemes, collaboration and networking, research and development, etc.

Practice → Activities

5/5

What are the risks for our digitalisation strategy across the four scenarios?

Scenario 1 Navigating Storms



Practice → Scenarios

1/4

Scenario 2 Community revival amid technological collapse



Practice → Scenarios

2/4

Scenario 3 Reclaiming digital sovereignty



Practice → Scenarios

3/4

Scenario 4 Resilient roots to withstand the shocks



Practice → Scenarios

3/4



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