INNOVATION POLICY
IN THE DIGITAL AGE

KEY POLICY OBJECTIVES

#1
DATA ACCESS
Ensure data access, consider data diversity and constraints

#2
COMPETITION, COLLABORATION & INCLUSIVENESS
Foster collaborative innovation ecosystems and ensure competitive and inclusive innovation

#3
PUBLIC RESEARCH, EDUCATION & TRAINING
Build a strong public research system and a skilled labour force

#4
BUSINESS INNOVATION & ENTREPRENEURSHIP
Provide support and incentives to business & entrepreneurship

#5
CROSS-CUTTING POLICY CHALLENGES
Set national policies in view of global markets and that respond to citizens’ concerns

OTHER POLICY DOMAINS THAT INFLUENCE INNOVATION
- Education
- Health
- Transportation
- Tax
- Environment
- Competition

DEGREES OF CHANGE VARY BY POLICY DOMAIN
Some need to adapt target or content while preserving main process.
Others require in-depth reform, rethinking policy rationale.

KEY PRINCIPLES FOR INNOVATION POLICY

AGILITY
Implement small scale policy experiments & mission-oriented programs.

SECTORAL APPROACH
A sectoral perspective is needed for data access & diffusion policies.

INCLUSIVE
Support digital innovation to serve social & environmental purposes.

CHANGES TO INNOVATION POLICIES TO ACHIEVE KEY OBJECTIVES

DATA ACCESS
• Provide conditions for data access for innovation, considering data diversity & concerns
• Develop markets for data

COMPETITION, COLLABORATION & INCLUSIVENESS
• Collaborate with competition authorities in addressing market power in the digital age
• Create spaces for collaboration & co-creation
• Support digital technology adoption by SMEs
• Support generic digital technology development to respond to societal challenges

PUBLIC RESEARCH, EDUCATION & TRAINING
• Promote open science
• Support interdisciplinarity
• Provide training in digital skills
• Invest in digital research infrastructure

BUSINESS INNOVATION & ENTREPRENEURSHIP
• Promote anticipatory, responsive policies
• Support service innovation
• Adapt IP system

CROSS-CUTTING POLICY CHALLENGES
• Collaborate internationally to frame policies in view of global markets
• Engage with citizens
• Ensure government access to digital skills