VERSO LA STRATEGIA S3 2021-2027
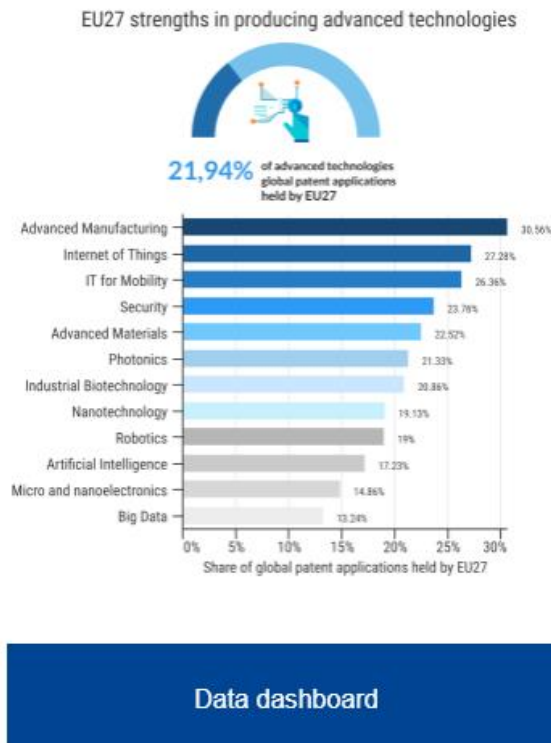
Scenario internazionale e Programmi UE

PRIORITÀ
TECNOLOGIE DIGITALI

7 luglio 2021

Le tecnologiche nelle politiche europee

- **KETs** – *Key enabling technologies (LINK) – DG RTD*

  - advanced manufacturing
  - advanced materials
  - life-science technologies

  - micro/nano-electronics and photonics
  - artificial intelligence
  - security and connectivity

- **ATI** – *Advanced Technologies for Industry (LINK) – DG GROW*

Principali programmi con focus tecnologico

HORIZON EUROPE

European Innovation Council

Clusters

European Institute of Innovation and Technology (**EIT**)

European Partnerships

Research infrastructures

LIFE+

EU4HEALTH

Interregional Innovation Investments (I3)

DIGITAL EUROPE

High Performance Computing (EuroHPC Joint Undertaking)

EDIH (European Digital Innovation Hubs)

Cybersecurity

CONNECTING EUROPE FACILITY

Transport

Energy

Telecom

TECNOLOGIE DIGITALI

Horizon Europe	Destination	Applicazioni (non esaustivo)
Clusters 1 - Health	• Staying healthy in a rapidly changing society • "Tackling diseases and reducing disease burden" • Unlocking the full potential of new tools, technologies and **digital solutions** for a healthy society • Maintaining an innovative, sustainable and globally competitive health-related industry	• Intelligenza artificiale, per medicina predittiva • Telemedicina • Digital tools come biomarkers • Sensori/attuatori micro-elettronici • Cybersecurity
Cluster 2 - Culture, creativity and inclusive society	• Innovative research on the European cultural heritage and the cultural and creative industries	• L'uso di tecnologie digitali è in generale raccomandato
Cluster 3 - Civil Security for Society	• Increased Cybersecurity • Disaster-Resilient Society for Europe • Strengthened Security Research and Innovation	• Digital systems and infrastructures • AI • Quantum resistant cryptography • Data in prediction models
Clusters 4 - Digital, Industry and Space	• World leading **data and computing technologies** • **Digital and emerging technologies** for competitiveness and fit for the green deal • Open strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and **data** • A human-centred and ethical development of **digital and industrial technologies**	• Soluzioni fotoniche • Micro e nanoelettroniche • Cyber-sicurezza e Blockchain • Cyber-connettività e 5g • IoT e services; • IA e machine learning • Big-data e analytics • Quantum tech

TECNOLOGIE DIGITALI

Horizon Europe	Destination/Focus	Applicazioni (non esaustivo)
Cluster 5 - Climate, Energy and Mobility	• **Cross-sectoral solutions** for the climate transition • Safe, Resilient Transport and **Smart Mobility services** for passengers and goods	• Digitalization of battery testing • Intelligent mobility services and logistics
Cluster 6 - Food, Bioeconomy, Natural Resources, Agriculture and Environment	• Fair, healthy and environment-friendly **food systems** from primary production to consumption • Resilient, inclusive, healthy and green rural, coastal and urban communities • Innovative governance, environmental observations and **digital solutions** in support of the Green Deal	• Digitalization • Animal walfare 2.0 • Blockchain • Precision and remote farming • Data economy
Partnerships	High Performance Computing; Key Digital Technologies (KDT); Artificial Intelligence, Data and Robotics; Photonics; Innovative Health Initiative; Health and Care Systems Transformation; Personalised Medicine; Connected and Automated Driving (CCAM); Agriculture of data; Open Science Cloud (EOSC); EIT Digital-KIC	
EIC	• EIC Accelerator (challenge driven call)	• Strategic Health and Digital Technologies

TECNOLOGIE DIGITALI

Altri Programmi	Destination/Focus	Applicazioni (non esaustivo)
EU4HEALTH	• Strengthen health systems, their resilience and resource efficiency	• Improving health data and promote the uptake of digital tools and services and the digital transformation of healthcare systems • Promoting the implementation of best practices and **data sharing**
S3 Partnership	• Artificial Intelligence and Human Machine Interface • Cybersecurity • Photonics • Tourism digitalisation and safety • Wireless ICT • S3 High Tech Farming Partnership • Smart Sensor Systems 4 Agri-food • Traceability and Big Data in the agri-food value chain	

Grazie per l'attenzione!

Regione Toscana - Ufficio di Collegamento con l'UE
Direzione Giunta Regionale
Rond Point Schuman, 14 1040 - Bruxelles
ufficio.bruxelles@regione.toscana.it
www.regione.toscana.it/bruxelles/