



National AI strategies in Europe: Where are we now and what's next?

How can stakeholders engage with national AI strategies and support the development of a wider AI ecosystem in Europe?

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Coordinated plan on AI 2021

CREATING EU GLOBAL LEADERSHIP IN HUMAN-CENTRIC AI WITH MEMBER STATES

Key message and vision ~ "The global leadership of Europe in adopting the latest technologies, seizing the benefits and **promoting the development of human-centric, sustainable, secure, inclusive and trustworthy artificial intelligence (AI)** depends on the ability of the European Union (EU) to accelerate, act and align AI policy priorities and investments."

Building a more inclusive skills-based economy





Building a more inclusive skills-based economy

- In June 2020, <u>Microsoft launched a global</u> <u>skills initiative</u> aiming at bringing more **digital** skills to 25 million people worldwide
- Combined existing and new resources from LinkedIn, GitHub, and Microsoft
- Grounded in three areas of activity:

(1) The use of data to identify in-demand jobs and the skills needed to fill them;

(2) Free access to learning paths and content to help people develop the skills these positions require;

(3) Low-cost certifications and free jobseeking tools to help people who develop these skills pursue new jobs



Ambizione Italia #DigitalRestart





Digital Skill

Training initiatives for young people and the unemployed to spread and

strengthen digital skills

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Alliance for Smartworking Encouraging innovation by enabling new, flexible and digital ways of working Find out more >



SME Plan

A digital solutions platform to accelerate the recovery of SMEs

Find out more >



Alliance for Sustainability An alliance to seek innovative technological solutions to environmental issues Find out more >



AT HUBS

Supporting an innovation ecosystem for the relaunch of industry

Find out more

- A five-year commitment initiative to invest 1.3 billion EUR in support of innovation and growth in Italy through training, digital transformation, and open innovation efforts.
- Training of about 1.5 million people among students, professionals and the unemployed over the next three years. The training programs will leverage Microsoft Learn and the LinkedIn platform to develop the digital skills required by the labor market.
- Microsoft will create AI hubs to help Italian citizens and businesses develop and deploy AI solutions in retail, design and fashion, manufacturing, financial services, healthcare, and infrastructure through dedicated grants and resources.





Focus on SMEs

Microsoft Reactors are community spaces where developers and startups can meet, learn, and connect with local peers while also gaining access to industry-leading ideas and technology from Microsoft, partners, and the open source community. Microsoft Reactor spaces can be found across the world, including in Stockholm and London.





Microsoft's Global Social Entrepreneurship Program, launched in 2020, supports social impact startups as they build and scale globally. It is available in 140 countries, and actively seeks to support underrepresented founders with diverse perspectives and backgrounds.

Microsoft ScaleUp.

Microsoft ScaleUp provides startups access to world-class technology, mentorship and other community benefits that further their expansion on a global scale



Al for Earth Al for Accessibility Al for Humanitarian Action

AI for Cultural Heritage

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Al for Health



AI for Earth

Air pollution affects more than 90% of the world's population. German company **Breeze Technologies** received an AI for Earth grant to support organisations to create better clean air action plans with the power of the internet of things and AI



Al for Accessibility





The French digital services company, Equadex, has been using Microsoft Cognitive Services and Microsoft's Azure cloud platform to develop the app namely Helpicto. Helpicto provides an innovative solution to help children with autism communicate with their environment. Helpicto uses <u>speech to text</u> to generate a sentence. It then uses <u>language understanding</u> to categorize keywords. The final objective is to build a sequence that represents a specific situation

Al for Humanitarian Action

Al for Humanitarian Action uses Al solutions to support disaster recovery, address the needs of children, protect displaced populations, and promote human rights worldwide. For example, Microsoft recently collaborated with the Norwegian Refugee Counsel, NetHope, and the University College of Dublin to create a chatbot that uses Al technology to connect youths with online learning resources when they do not have access to schools.



AI for Cultural Heritage

The Musée des Plans-Reliefs is bringing to life the historic **Mont-Saint-Michel relief** map—an example of the 17th century's most advanced mapping technology—using Al and mixed reality to create an experience that uses current mapping innovations to immerse viewers in a vital piece of French history and culture.



AI for Health

Leprosy still exists with over 200,000 new cases diagnosed ever year. If the disease is diagnosed when it is a skin lesion, it can be cured without causing damage to the body.

The Novartis Foundation is

training an AI algorithm to recognize images of leprosy lesions to enable people to take pictures of suspicious lesions and send them to healthcare professionals for a quicker diagnosis.



Thank you!