Active & Healthy Living in the Digital World

DG Communications Networks, Content and Technology (DG CONNECT)
Directorate H Digital Society, Trust & Cybersecurity
Unit H3, eHealth, Well Being and Ageing
Birgit Morlion

AAL Programme - Call 2021 Info Day
On-line - 27 January 2021

Commission Priorities
Political Guidelines 2019 – 2024

- *A European **Green Deal***
- *A Europe for the **Digital Age***
- *An Economy that Works for **People***
- *Promote our **European Way of Life***
- *A Stronger **Europe in the World***
- *A New Push for **European Democracy***

Ursula von der Leyen,
Commission President

European Commission

PRIORITY

A Europe fit for the digital age

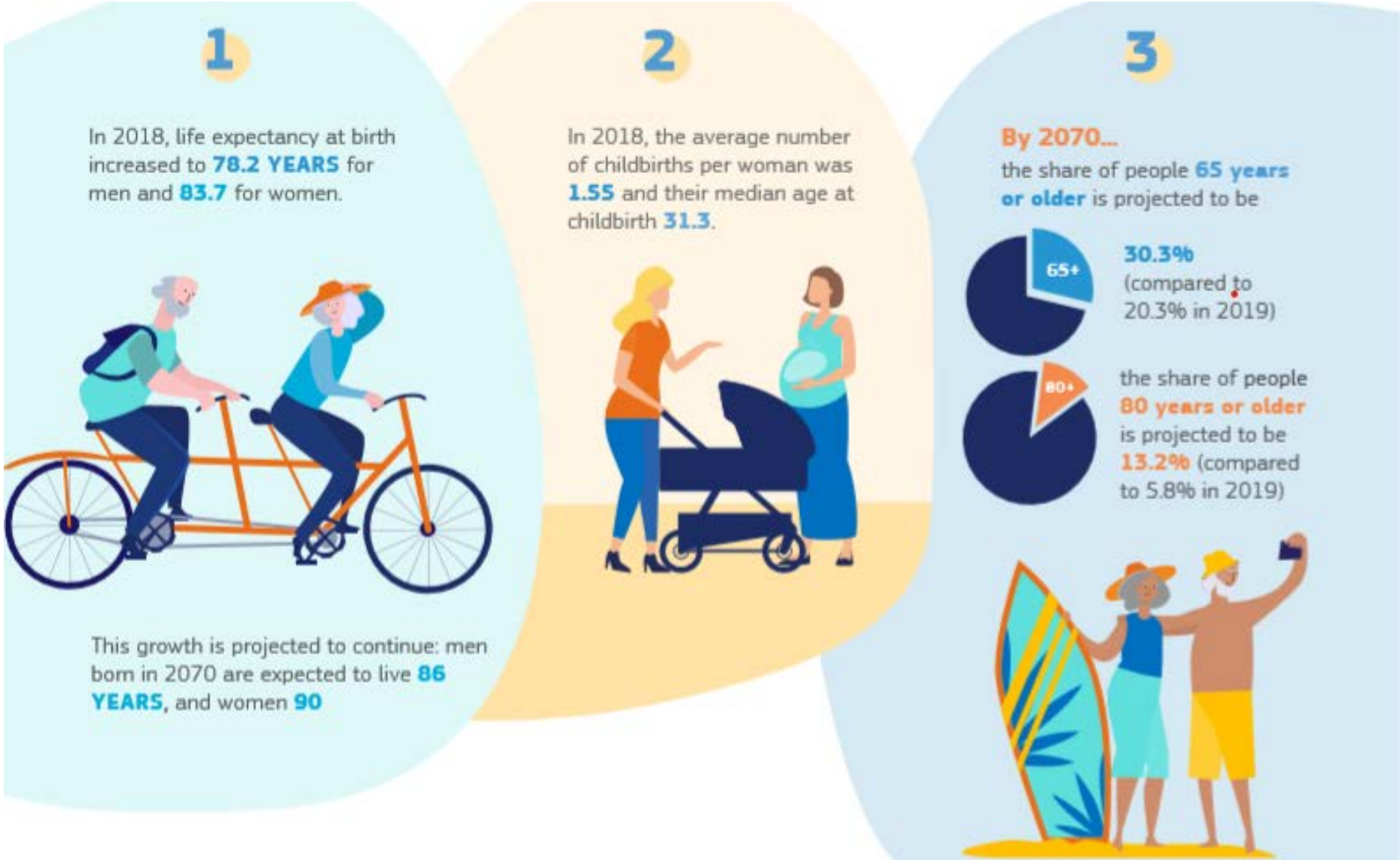
Empowering people with a new generation of technologies

The European Commission is working on a digital transformation that will benefit everyone. Digital solutions that put people first will

- open up new opportunities for businesses
- encourage the development of trustworthy technology
- foster an open and democratic society
- enable a vibrant and sustainable economy
- help fight climate change and achieve the green transition

European Commission

Report on the Impact of Demographic Change in Europe



European Commission

Report on the Impact of Demographic Change in Europe

4 In the EU as a whole, the composition of our households is changing – households composed of two parents with children are being joined by households consisting of people living alone, single parents or couples without children.

5 Some of us opt to move around or live abroad, but the size of these flows is volatile and can change quickly.

The Commission's Demography Report presents the main drivers of demographic change and the impact they are having across Europe. It launches a process that will help identify concrete actions and solutions, mindful of lessons learned from COVID 19, to support people, regions and communities that are most affected and to enable them to adapt to changing realities.

6 The share of Europe's population in the world is shrinking and by 2070 it will account for just about **4%** of the world's population.

Early 2021

Green Paper on ageing

European Commission

https://ec.europa.eu/info/strategy/priorities-2019-2024/new-push-european-democracy/impact-demographic-change-europe

EC Policy Framework “Smart Ageing”

- Green Paper on Active Ageing, Q1 2021
- Long Term Vision on Rural Areas, Q2 2021
- Report on Demographic Change, June 2020
- EPSCO - Council conclusions ‘Human Rights, Participation and Well-Being of Older Persons in the Era of Digitalisation”, 09 October 2020 (German Presidency)
- EPSCO – Council conclusions on “Demographic Challenges – the Way Ahead”, 06 June 2020 (Croatian Presidency)
- EPSCO - Council conclusions on the Economy of Wellbeing, 24 October 2019 (Finnish Presidency)
- ECOFIN - Conclusions on age-related spending (May 2018)

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Supporting Research, Innovation and uptake of digital solutions

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EU programmes 2021 - 2027

EU-wide collective effort				National regional and local		Financial instrument
Horizon Europe	**Digital Europe**	Connecting Europe Facilities	EU4Health	Cohesion	Agriculture funds	InvestEU
Research **Innovation**	**Strategic capacities**: computing, data, testbeds, etc. **Advanced digital skills** **EU-Wide deployment**	**Broadband and 5G** roll out **Connecting Communities**	**Data Spaces for Health** **Telemedicine** **eHDSI**	**Digital connectivity** in white and grey areas Support to enterprises in line with **Smart specialisation** **Digital skills** for all citizens	Making use of Big Data for **CAP monitoring** **Broadband rollout** in rural areas	**Leverage private capital** for investments in SMEs, research, digital, infrastructure, skills…

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Horizon Europe: evolution not revolution

THREE PILLARS FOR IMPLEMENTATION

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Health Cluster Horizon Europe
Six destinations

1. Staying healthy in a rapidly changing society

2. Living & working in a health-promoting environment

3. Tackling diseases & reducing disease burden

4. Ensuring access to innovative, sustainable & high-quality healthcare

5. Unlocking the full potential of new tools, technologies & digital solutions for a healthy society

6. Maintaining an innovative, sustainable & globally competitive health industry

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Candidates for European Partnerships in health

Details of candidates for European Partnerships under Horizon Europe. Partnership proposal, contact details, details of partners.

European Partnership on Health and Care Systems Transformation

The partnership aims to contribute to the transition towards more sustainable, resilient, innovative and high-quality people-centred health and care systems.

It will pool a critical mass of European, national and regional scientific resources to more efficiently address similar challenges related to health and care systems transformation.

As a result, the context relevant evidence will meet the needs of national/regional health and care systems by facilitating the transfer and uptake of cost-effective technological, service, organisational and policy innovations.

Draft partnership proposal (June 2020)

Contact

Commission services: RTD-HS-PARTNERSHIP@ec.europa.eu

Partners (main contact): Drafting Group of Member State representatives, THCSpartnership@gmail.com

https://ec.europa.eu/info/files/european-partnership-health-and-care-systems-transformation_en

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Towards a European Partnership on Transforming Health and Care systems (THCS)

Horizon Europe – Cluster 1 - Health

Destination 4: Ensuring access to innovative, sustainable and high-quality health care in the EU

Key problem drivers:

- Demographic changes.
- Poor uptake of technological innovations.
- Climate changes, environmental factors and globalisation.
- Changes in political and social landscape.

The opportunity offered by the THCS co-funded partnership:

To pool a critical mass of European/national/regional scientific resources to research, develop and test organisational, service and policy innovations. The context-specific knowledge and evidence will inform health policies and facilitate uptake of innovations, as well as their scaling-up and transfer to other countries and regions.

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Digital Europe Programme:

strategic autonomy

Main objectives

Compete globally

Other regions of the world invest huge amount of public capital in advanced technologies. For example, the US and China spend € 10-20 billion annually on AI alone

Better address Europe's economic and societal challenges

E.g. climate, health, mobility and public services

Achieve scale through collective co-investments

Given the size of investments needed, scale required and risks involved Europe needs to pool the resources together

Ensure broad take-up of digital technologies across all regions of EU

In deploying latest technologies to offer best services to citizens and business

Regain control over Europe's value chains

and ensure Europe's technological sovereignty

Support SMEs to acquire or access the latest technologies and skills

More than 400,000 EU vacancies in these fields

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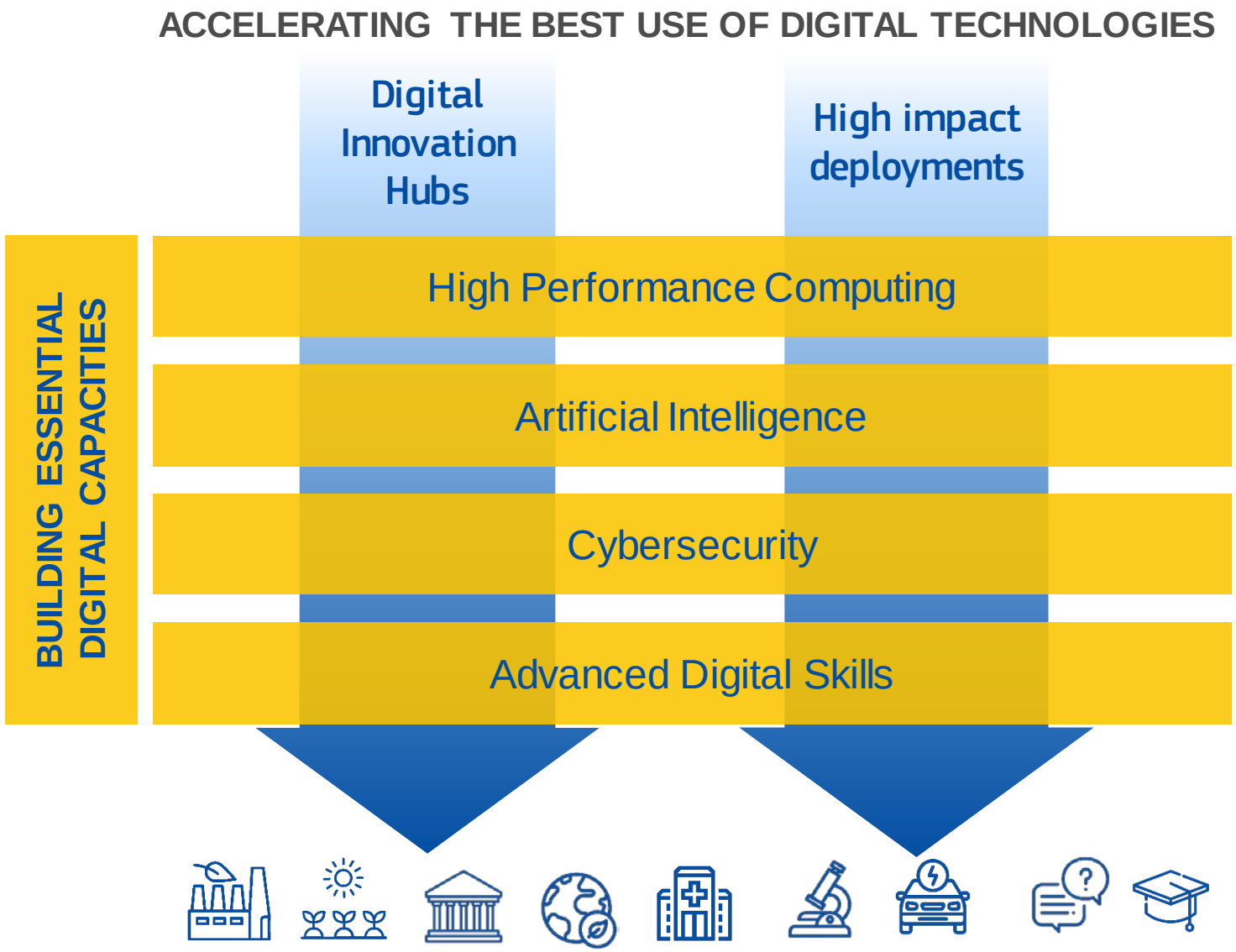
Digital Europe programme structure



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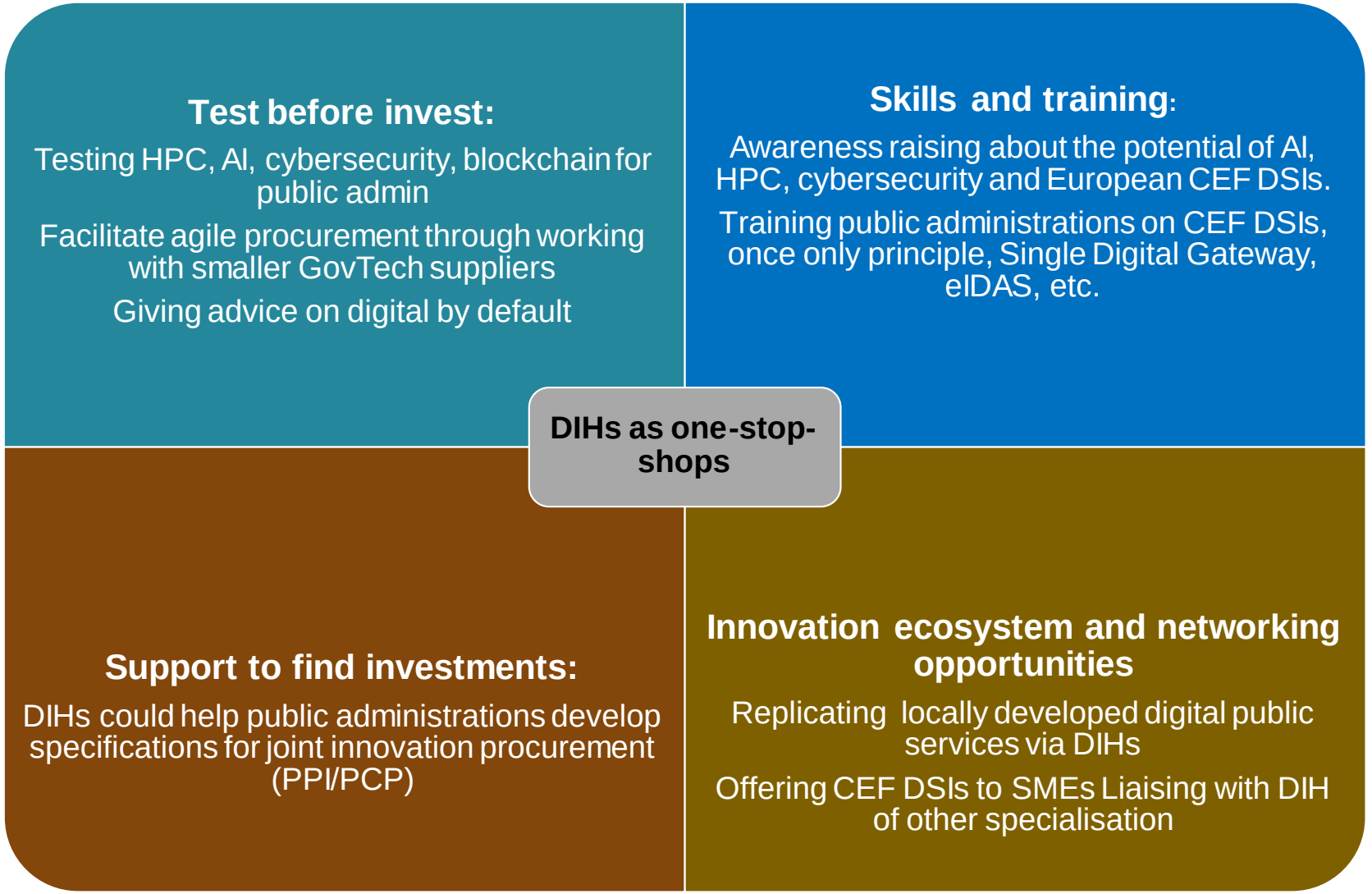
Digital Innovation Hubs



https://ec.europa.eu/digital-single-market/en/digital-innovation-hubs-dihs-europe

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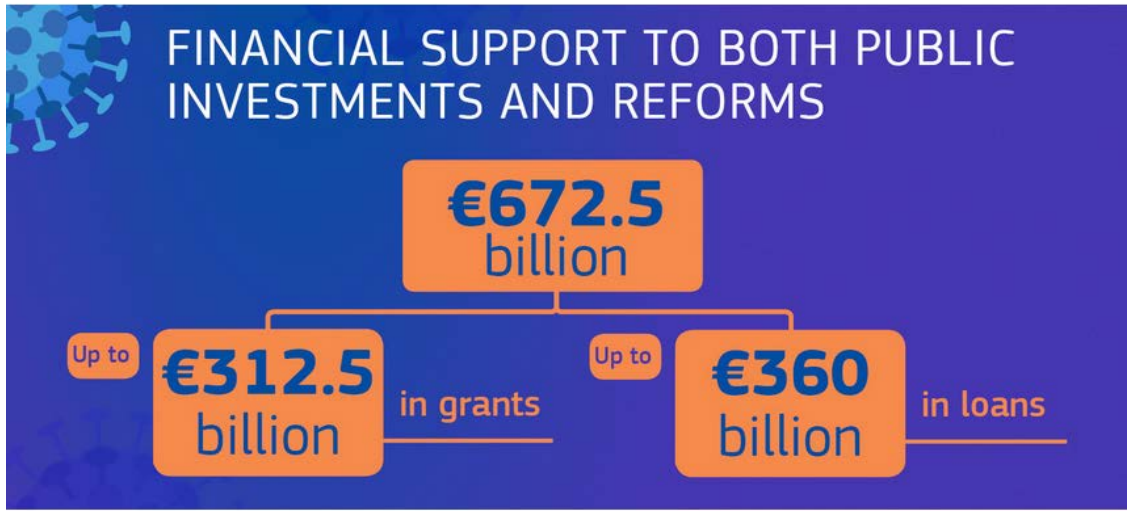
The Recovery and Resilience Facility

- The Commission proposed the RRF in May as the centerpiece of the Next Generation EU recovery instrument.
- Access to the Facility based on National Plans, drawn up and submitted by Member States (deadline 30 April 2021)
- To be operational as of 1 Jan 2021 until 2026
- Effective implementation of Next Generation EU can deliver 2% of additional GDP by 2024 and create 2 million jobs.



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We will succeed only if citizens and communities are empowered to become agents of the transition.

Thank you

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- https://ec.europa.eu/digital-single-market/en/policies/ehealth
- https://ec.europa.eu/digital-single-market/en/news/eu-funded-research-and-innovation-field-ict-health-wellbeing-and-ageing-overview
- https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme_en
- https://ec.europa.eu/digital-single-market/en/europe-investing-digital-digital-europe-programme
- https://ec.europa.eu/info/live-work-travel-eu/health/coronavirus-response_en

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Slide 9&10: pictures, source: pixabay.com

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