



EUROPEAN UNION

EU MISSIONS



Concrete solutions for our greatest challenges

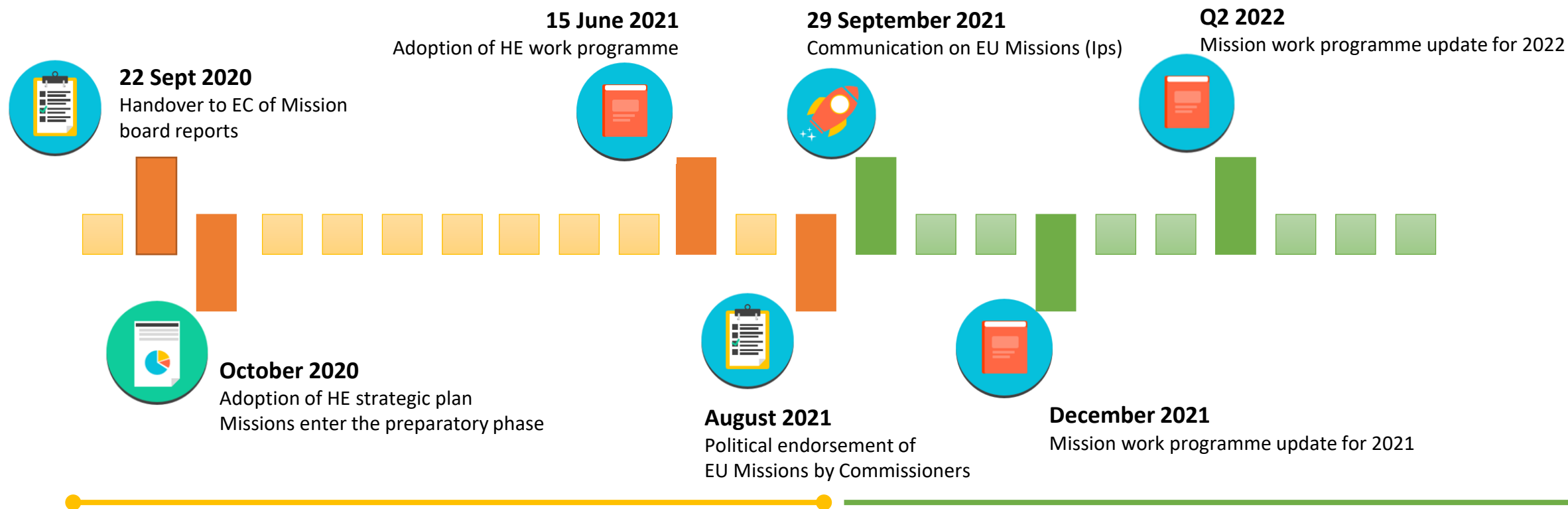
Neville Reeve, Head of Sector for Missions

DG Research and Innovation

#EUmissions #HorizonEU



Timeline



Missions' preparatory phase:

Preparation of solid implementation plans
Preparatory actions in the WP to lay foundation for missions' implementation

Missions' implementation phase:

Two Missions work programme amendments (Q4 2021, Q2 2022) to start missions implementation on the ground.



What are missions?

R&I missions should:

- Be bold and inspirational, with wide societal relevance
- Indicate a clear direction: targeted, measurable and time-bound
- Be ambitious but realistic research and innovation actions
- Spark innovation across disciplines, sectors and actors
- Be based on a bottom-up approach of multiple solutions



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Why do we need missions

- Bring Europe **closer to people**

What does the EU do concretely about issues citizens care about?

- Delivering **EC priorities**

Green Deal, Beating Cancer Action Plan, Conference on the Future of Europe...

- Different way to **Impact**

portfolio approach, aligning programmes and policy



The communication on Missions

The context

- **climate and health crises** need to be tackled in new and innovative ways
- **new way of working** across policy areas, fields of expertise and science, engaging with companies, local communities and the innovation community

EU Missions

- **rooted in research and innovation**, aiming to address **societal challenges** and reconnect citizens with the EU
- directly **support EU priorities** such as the European Green Deal, Europe's Beating Cancer Plan and the New European Bauhaus



How will EU Missions operate?

Delivering impact through:

- *A new role for research and innovation*
- *An 'all-in' approach*
- *A new relationship with citizens*



Five EU Missions

Adaptation to
Climate Change



Cancer



Climate-neutral
and Smart Cities



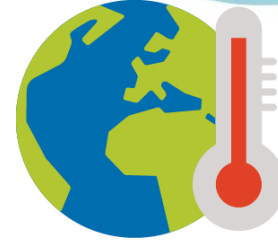
Restore our
Ocean and Waters



Soil Deal
for Europe



Adaptation to Climate Change



Support at least 150 European regions and communities to become climate resilient by 2030

- Preparing and planning for climate resilience;
- accelerating transformations to climate resilience;
- demonstrating systemic transformations to climate resilience (75 large-scale demonstrations of systemic transformations to climate resilience across European regions and communities).





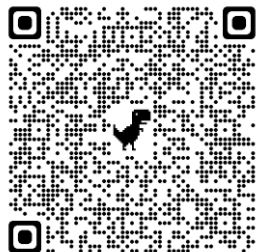
Cancer



Improve the lives of more than 3 million people by 2030 through prevention, cure and for those affected by cancer including their families, to live longer and better.

- Improve the understanding of cancer
- Prevention, including early detection and screening
- Optimise diagnostics and treatment
- Support the quality of life

Provide a vital research and policy development support for the **Europe's beating cancer plan.**





Restore our Seas and Waters



Restore the health of our ocean and waters by 2030

- Protect and restore marine and fresh water ecosystems and biodiversity
- Prevent and eliminate pollution of our ocean, seas and waters, and
- Make the sustainable blue economy carbon-neutral and circular



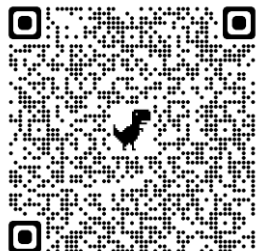


Climate Neutral and Smart Cities



Deliver at least 100 climate-neutral and smart European cities by 2030 and these cities should act as demonstration and innovation hubs to allow for all European cities to become climate-neutral by 2050.

- Cities can contribute to our European Green Deal targets to reduce GHG emissions by 55% by 2030 - leading in climate and digital innovation.
- Huge co-benefits to their citizens – lower energy bills, cleaner air, safer walking and biking in cities, less congestion.





Soil Deal for Europe



Create 100 living labs and lighthouses to lead the transition towards healthy soils by 2030.

- Protect and restore soils in Europe and beyond.
- Put communities and stakeholders at the centre of the innovation process to co-create knowledge and solutions in real-life conditions.
- Have to act together so that future generations inherit clean, productive and resilient soils for food, people, nature and climate.



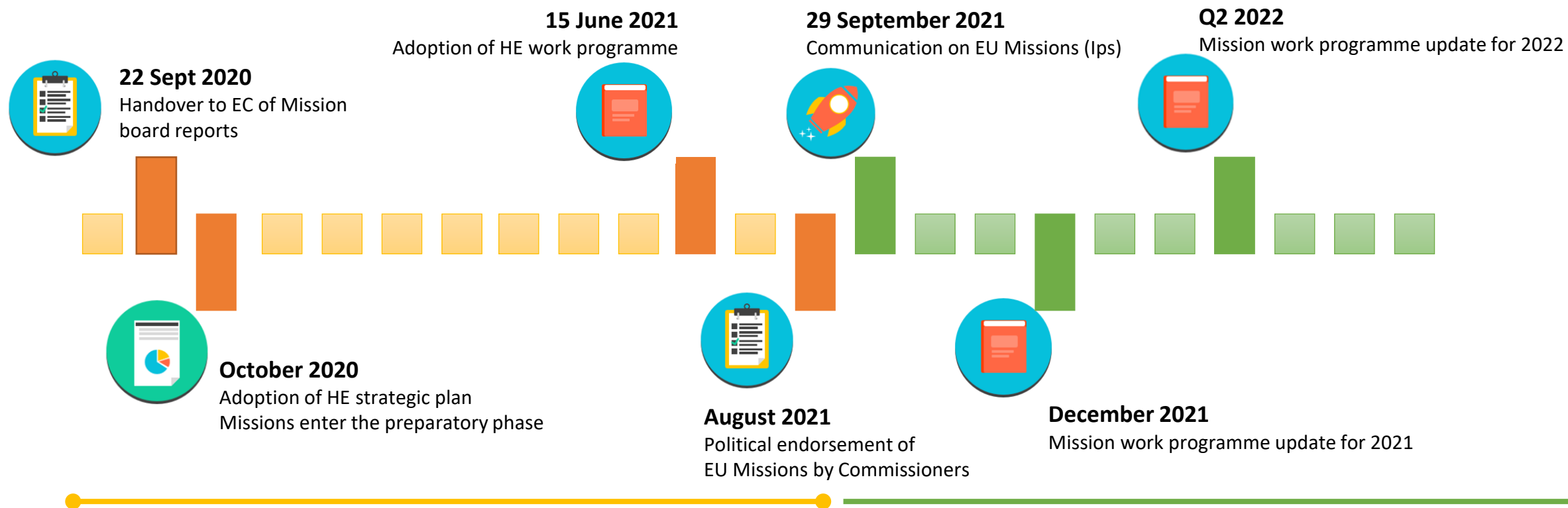


Working with Member States etc.

- Strong support demonstrated
- Missions' success depends on a combined approach
 - compelling vision for aligning priorities and policies; joining resources; linking programmes; parallel actions
 - need to maintain flexibility and retain control – no one size fits all and limits to top-down
 - likely specialisation by countries and clusters of countries (champions)
- Policy learning between countries will be important
- New initiatives from EU – Missions Core Network, National Contact Points, Working Group of Programme Committee
- Missions support to the European Research Area



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Thank you!

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