



Horizon Europe

58th European Space Sciences Committee Plenary Meeting
2nd of October, Académie Royale de Belgique

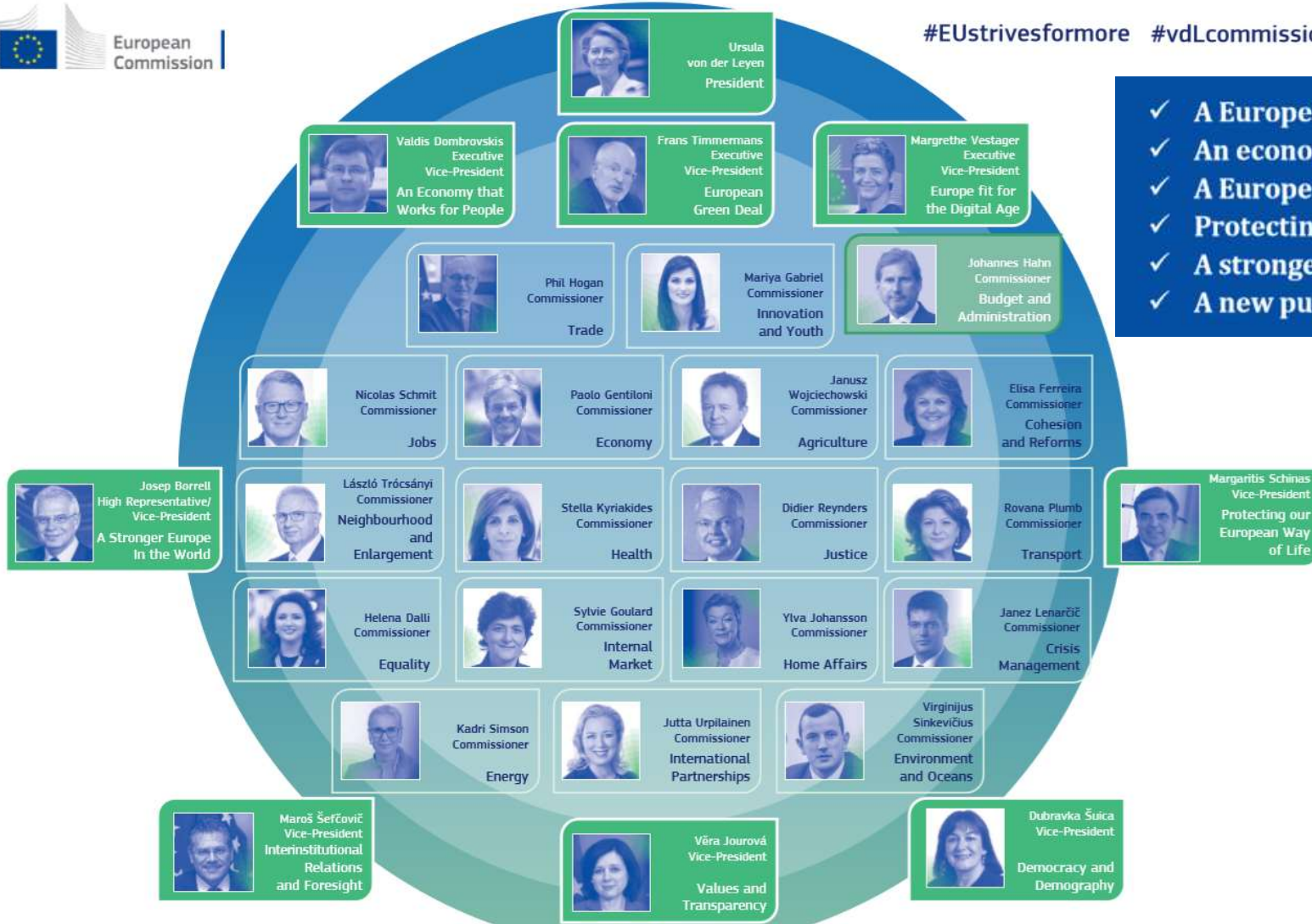
R. Dénos
DG GROW

Unit I1 Space policy and research



#EUstrivesformore #vdLcommission

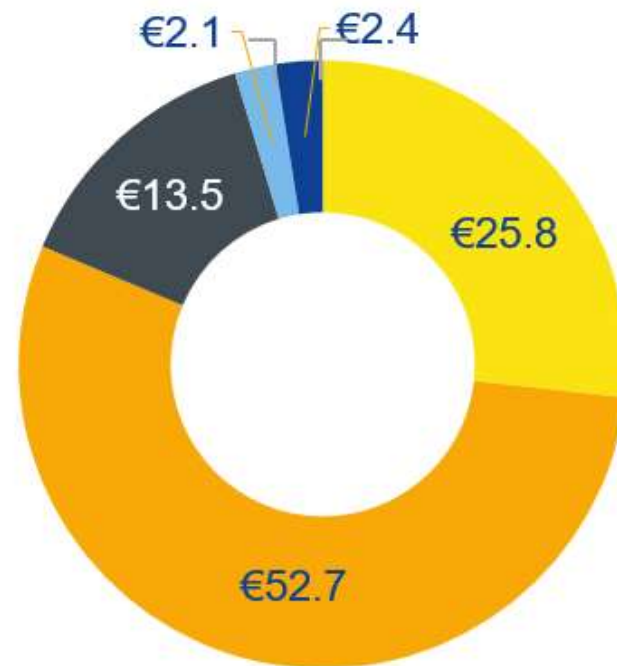
- ✓ A European Green Deal
- ✓ An economy that works for people
- ✓ A Europe fit for the digital age
- ✓ Protecting our European way of life
- ✓ A stronger Europe in the world
- ✓ A new push for European democracy



A New Push for European Democracy

Horizon Europe

Budget: €100 billion*

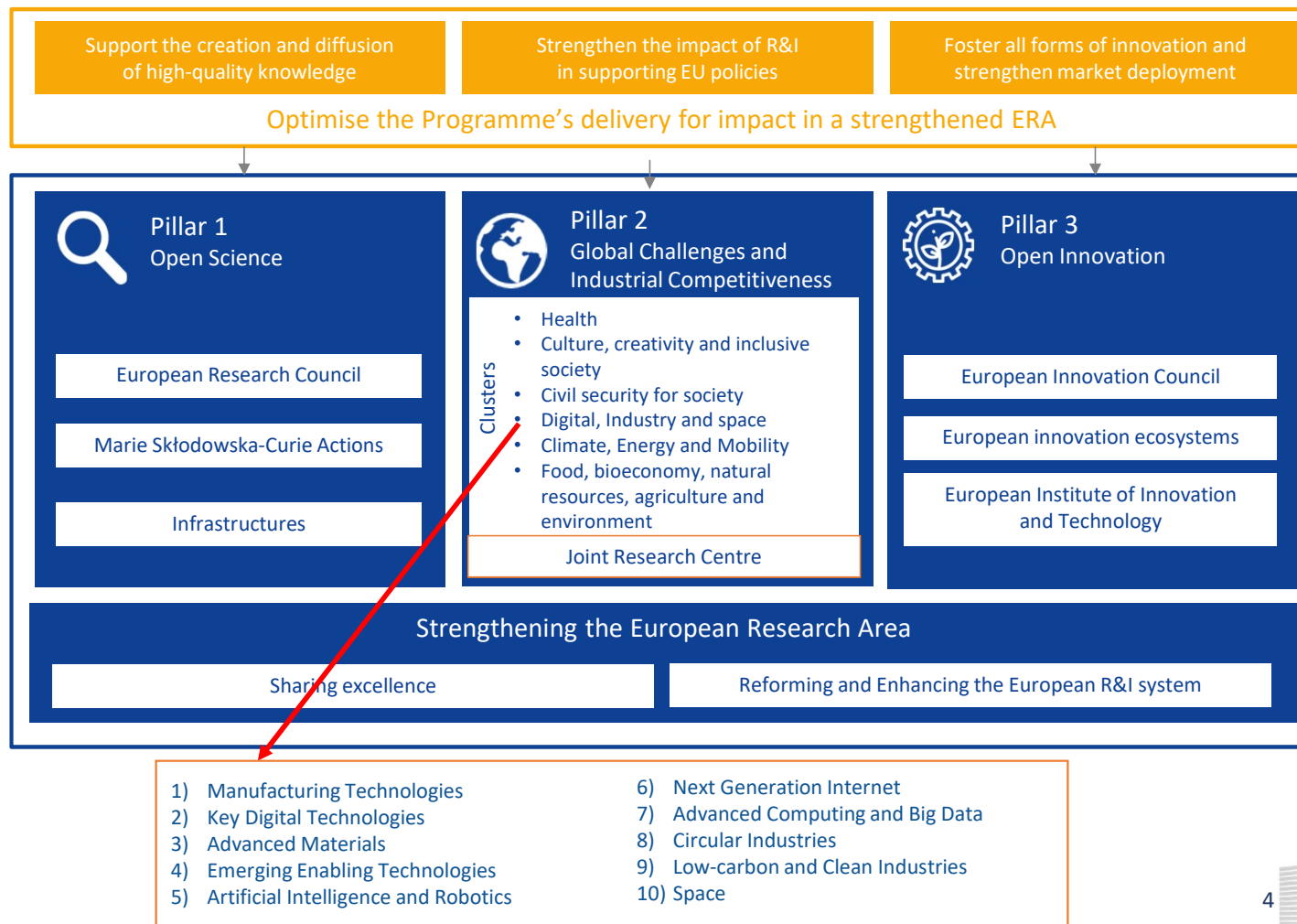


€ billion
In current prices

- Open Science
- Global Challenges & Ind. Competitiveness
- Open Innovation
- Strengthening ERA
- Euratom

* This envelope includes EUR 3.5 billion allocated under the InvestEU Fund.

Space under Horizon Europe



Public Consultation

NEWS | 28 June 2019 | Brussels, Belgium | Research and Innovation

Have your say on future objectives for EU-funded research and innovation

- Questions
- Horizon Europe
- Cluster level is the lowest level of granularity
- Opening 28 of June
- Closing: initially 8th of September postponed to 4th of October
- First feedback 24-26/09 R&I Days + Co-Creation Sessions

Space relevant sessions at R&I Days

25/09:

14h00-15h00 The EU Space Programme for You

16h00-17h00 Industry working for people and planet (Cluster 4)

26/09

14h00-16h00 European Partnerships: impact for the society

MFF

Horizon Europe Regulation

Horizon Europe Specific Programme Decision

Strategic Planning
(incl. Partnerships, Shadow PC)

R&I for Space Programme

SRIA Space
Partnership ↔ ?

~ November 2019



Update on Horizon Europe

From top to bottom :
increasing level of granularity

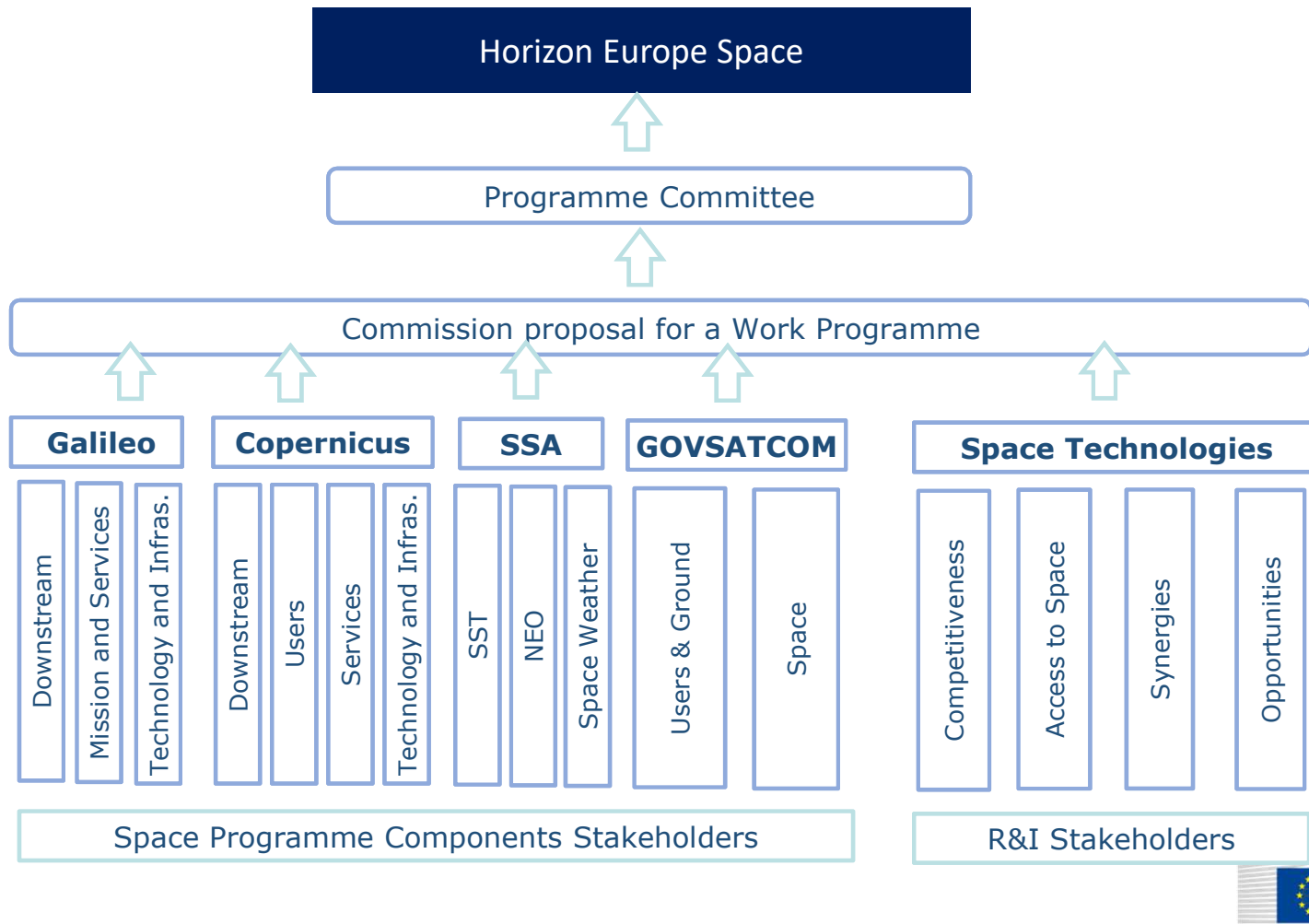
Horizon Europe
Space Work Programme



Indicative Timeline for Horizon Europe

- Negotiation on the Regulation and the Decision (Specific Programme) on hold; pending MFF negotiations
- 24-26/09: R&I Days
- 4th of October: Closing of the Public consultation
- 1st of November: New Commission
- 2019-Q4, 2020/Q1: Update of the Strategic Plan
- 2020/Q1: Adoption of the Strategic Plan by the COM (Comitology)
- 2019-Q4 – 2020/Q2: Drafting of the first WP
- Early 2021: Launch of the first wave of HE Partnerships

Schematic of the consultation process



Space TEC Strategic Research and Innovation Agenda

Foster Competitiveness

- Foster Competitiveness of end to end systems and associated services
- Future space ecosystems: on-orbit operations, new system concepts
 - New industrial processes and production tools
 - Enabling technologies
- Contribution to space science

Reinforce access to space

- Innovation for competitiveness, targeting initial operational capability by 2030
- Disruptive concepts for access to space
- Fostering and enabling new commercial space transportation solutions
- Modern, flexible and efficient European test, production and launch facilities, means and tools

Synergies

- Technology non-dependence
 - Technology transfer
- Dual use and synergies with defence
- Building on common technology roadmaps
- Standardisation and certification approaches