



Norges delegasjon
til den europeiske union

Forsknings- og innovasjonspolitik i Europa

Hva vet vi om Horisont Europa i dag?



NARMA-konferanse 2019

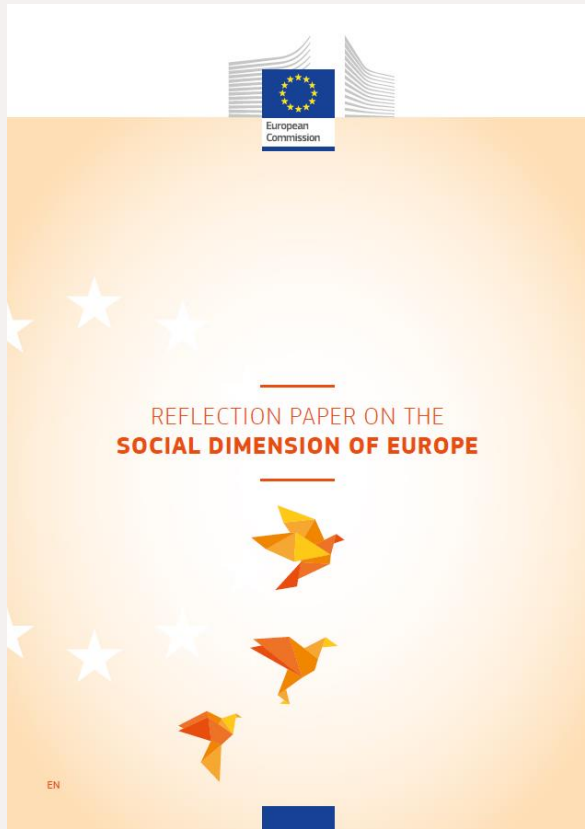
Brussel | 5. mars 2019
Are Straume, forskningsråd



5 Scenarios

1. Carrying on
2. Nothing but the single market
3. Those who want more do more
4. Doing less more efficiently
5. Doing much more together





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EU BUDGET FOR THE FUTURE

#EUBudget #EURoad2Sibiu #FutureOfEurope



Features

1. 1.200 Bn. EUR (running prices)
2. CAP and Cohesion ↓
3. Security, Migration, R&I, Digital and Education ↑
4. Climate from 20 to 25 pct.
5. Rule of law
6. Budget – realistic? Raise own income and raise MS contributions





WHAT DOES THIS MEAN IN FINANCIAL TERMS?

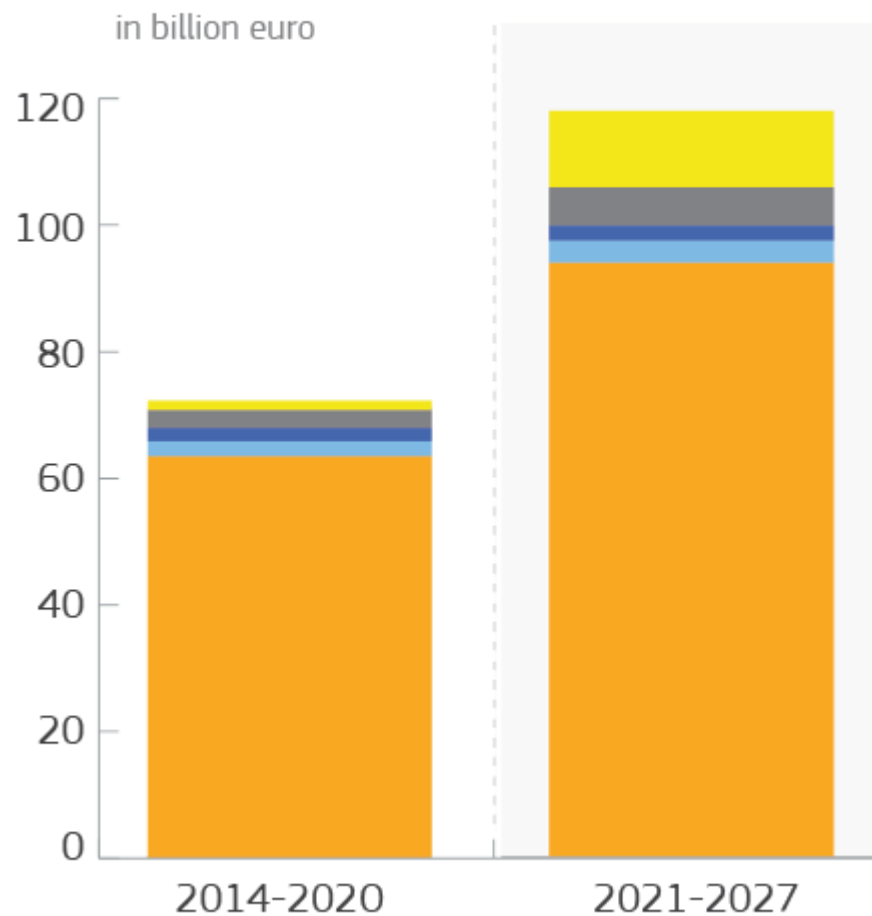
Building on the success of the EU's past flagship research and innovation programmes, the Commission proposes to increase investment in research and innovation by allocating **€114.8 billion** from the future long-term EU budget.

Digital Europe Programme & Connecting Europe Facility - Digital	Yellow
International Thermonuclear Experimental Reactor (ITER)	Grey
Euratom Research and Training Programme	Dark Blue
Innovation Window InvestEU Fund	Light Blue
Horizon Europe	Orange

Source: European Commission

Note: Compared to the Multiannual Financial Framework 2014-2020 at EU-27 (estimate)

Investing in the future

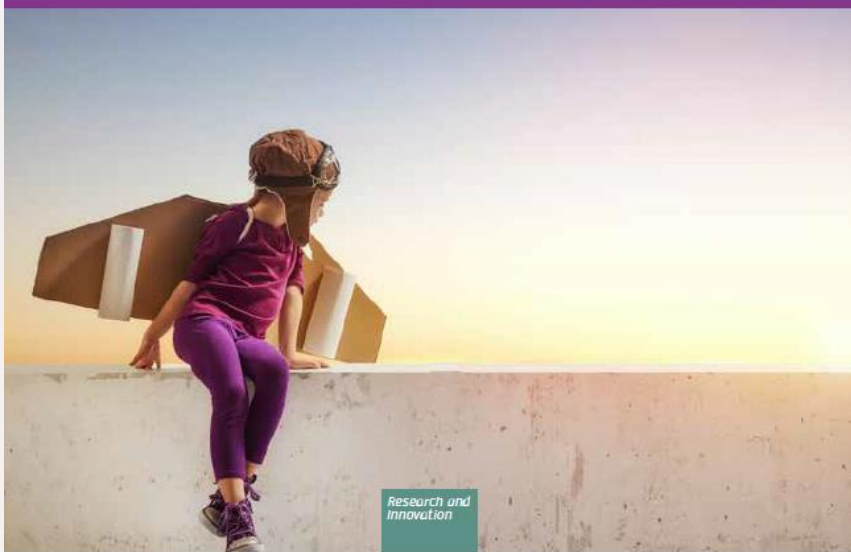




LAB – FAB – APP

Investing in the European future we want

Report of the independent High Level Group on maximising the impact of EU Research & Innovation Programmes

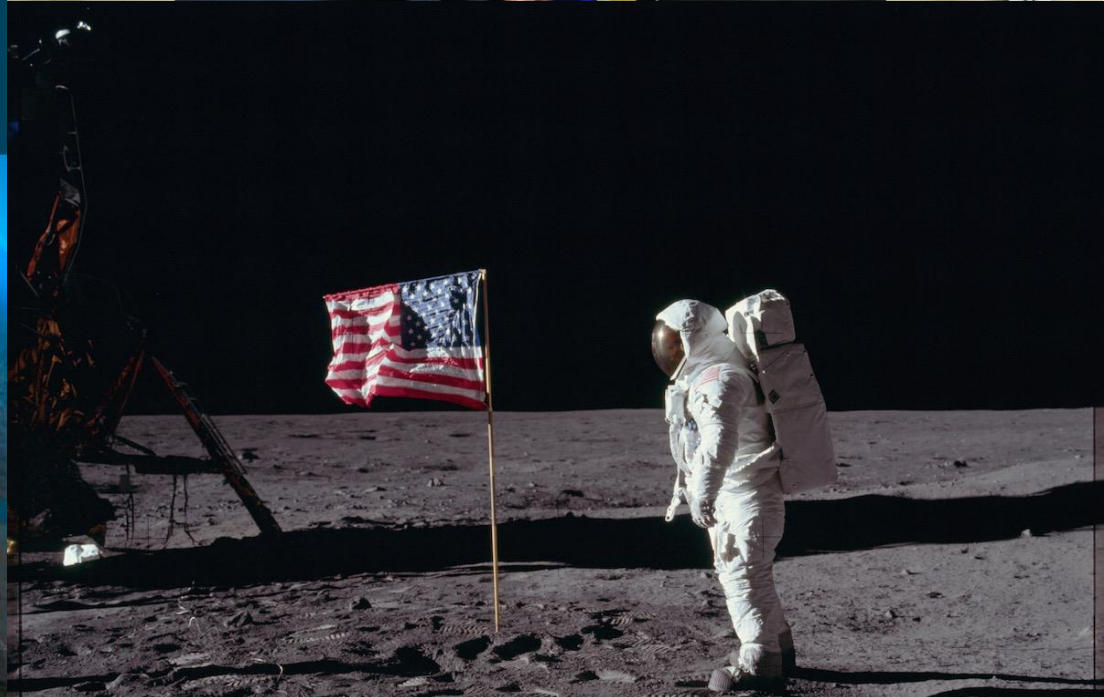


Summary of recommendations

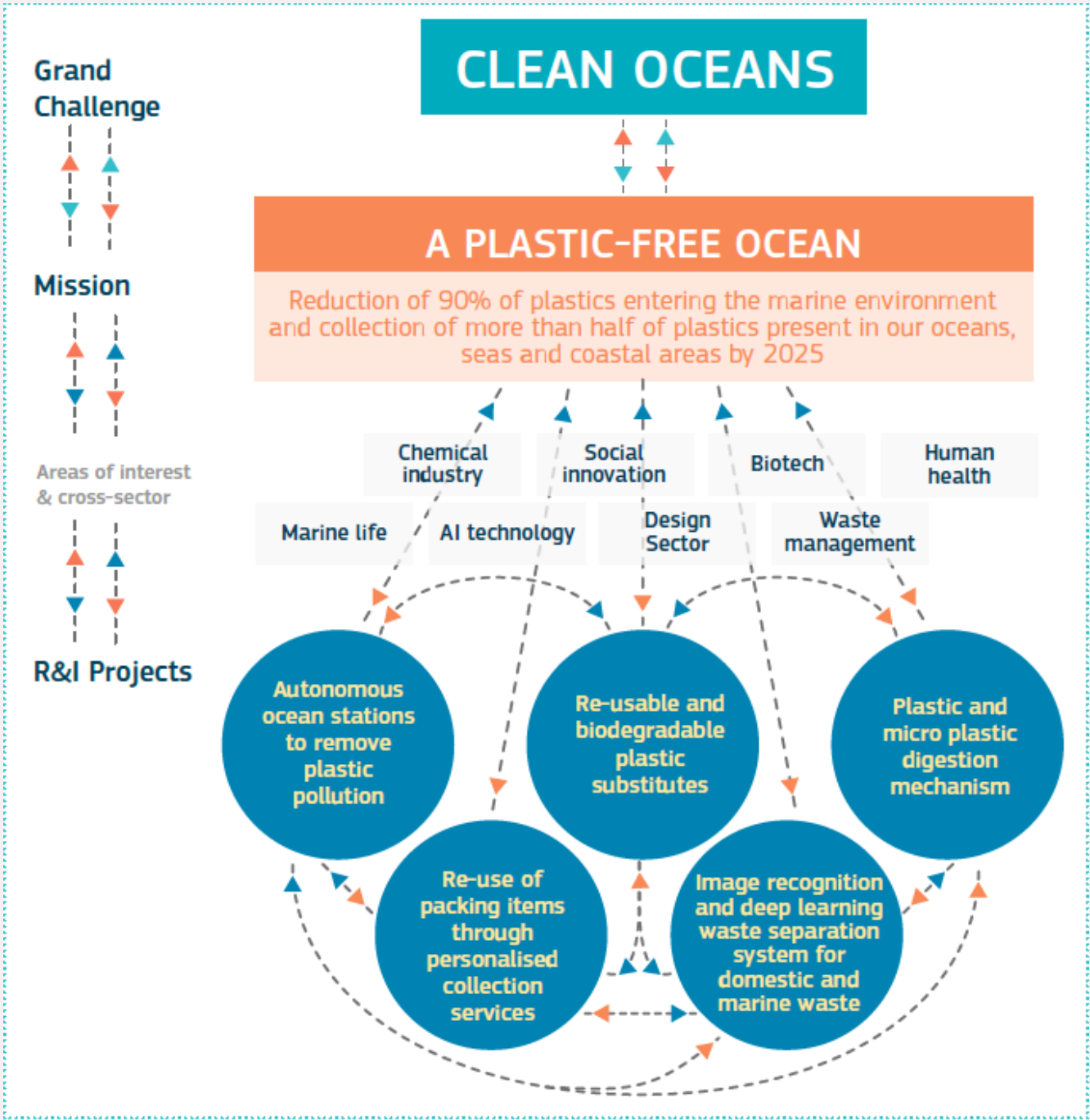
The following recommendations are aimed at maximising the impact of future EU research and innovation programmes. Each of them is exemplified by a key action.

- 1. Prioritise research and innovation in EU and national budgets**
Action: double the budget of the post-2020 EU research and innovation programme.
- 2. Build a true EU innovation policy that creates future markets**
Action: Foster ecosystems for researchers, innovators, industries and governments; promote and invest in innovative ideas with rapid scale-up potential through a European Innovation Council.
- 3. Educate for the future and invest in people who will make the change**
Action: modernise, reward and resource the education and training of people for a creative and innovative Europe.
- 4. Design the EU R&I programme for greater impact**
Action: make the future programme's pillars driven by purpose and impact, fine-tune the proposal evaluation system and increase flexibility.
- 5. Adopt a mission-oriented, impact-focused approach to address global challenges**
Action: set research and innovation missions that address global challenges and mobilise researchers, innovators and other stakeholders to realise them.
- 6. Rationalise the EU funding landscape and achieve synergy with structural funds**
Action: cut the number of R&I funding schemes and instruments, make those remaining reinforce each other and make synergy with other programmes work.
- 7. Simplify further**
Action: become the most attractive R&I funder in the world, privileging impact over process.
- 8. Mobilise and involve citizens**
Action: stimulate co-design and co-creation through citizen involvement.
- 9. Better align EU and national R&I investment**
Action: ensure EU and national alignment where it adds value to the EU's R&I ambitions and missions.
- 10. Make international R&I cooperation a trademark of EU research and innovation**
Action: open up the R&I programme to association by the best and participation by all, based on reciprocal co-funding or access to co-funding in the partner country.
- 11. Capture and better communicate impact**
Action: brand EU research and innovation and ensure wide communication of its results and impacts.





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Summary of recommendations

Funding: empower the innovator, simplify, incentivise private investment

1. Simplify current schemes into a small set of "EIC Awards" (grants and other forms of funding) supporting the emergence and the scaling up of breakthrough market-creating innovation
2. Enable grants, loans and equity investments to be awarded in combination
3. Create an EIC advisory board to put the focus on the innovator
4. Change evaluation, selection and management to enable risk taking and flexibility
5. Design websites, application forms, etc., with innovators' needs uppermost

Awareness: champion innovators, communicate success

6. Set up comprehensive monitoring and information systems that combine data from EIC with other sources
7. Collect and make available intelligence on emerging technologies coming from national and EU programs
8. Communicate success stories

Scale: build the camp, leverage European ecosystems

9. Help EIC awardees access high-quality partnerships and networks across Europe
10. Continue improving access to risk finance for innovators
11. Partner and share practice with other innovation agencies and programmes
12. Help EIC awardees overcome regulatory barriers and improve the early identification of regulatory barriers for emerging technologies

Talent: connect people, create prestige for innovators

13. Introduce prestigious "EIC fellowship" to recognise leading innovators
14. Pair up EIC awardees with experienced peers





WHAT IS NEW IN THE COMMISSION PROPOSALS?

Horizon Europe, with a budget of **€97.9 billion**, is the biggest ever research and innovation funding programme. It is designed around three pillars:

- > the **Open Science pillar** supports researchers through fellowships and exchanges as well as funding to projects defined and driven by researchers themselves, through the European Research Council and the Marie-Skłodowska-Curie actions.
- > The **Global challenges pillar** directly supports research relating to societal challenges, setting EU-wide missions with ambitious goals around issues that worry us daily such as such as the fight against cancer, clean mobility and plastic-free oceans. Industrial leadership will be prominent within this pillar and throughout the programme as a whole.
- > The **Open Innovation pillar** aims to make Europe a front runner in market-creating innovation. A European Innovation Council will offer a one-stop shop for high potential and breakthrough technologies and innovative companies with potential for scaling up.

Open Science

Global challenges

Open Innovation



**HORIZON
EUROPE**



Norsk posisjon og endringsforslag

- Art. 18.5 – egen prosess
- Posisjonspapir – arbeidsgruppe, dialogmøte og regjeringsbehandling
- One-pagers, herunder forslag til missions



Status for Horisont Europa forhandlingene

Hva har skjedd?

Europaparlamentet

- Draft reports fra Nica og Ehler sommeren 2018
- Diskutert første gang i ITRE 10. september 2018
- Avstemning 21. november 2018 i ITRE
- Avstemning i plenar 11.-12. desember 2018

Rådet

- COMPET 28. september
 - Double legal bases
 - Strategisk programmering
 - Widening
 - Missions and partnerships
- Artikkel for artikkel
- PGA 30. november

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Status for Horisont Europa forhandlingene

Hva har skjedd?

Art. 18.5:

“For actions related to Union strategic assets, interests, autonomy or security, the work programme may provide that the participation can be limited to those legal entities established in Member States only, or, to those legal entities established in specified associated [or other third countries] in addition to Member States. **Any limitation of the participation of legal entities established in associated countries which are EEA members shall be in accordance with the terms and conditions of the EEA Agreement.**”



Status for Horisont Europa forhandlingene

Hva skjer fremover?

Forordningen

Trilogforhandlinger – Rådet, Europaparlamentet og Kommisjonen

- 9. januar, 29. januar, 21. februar og 12. mars

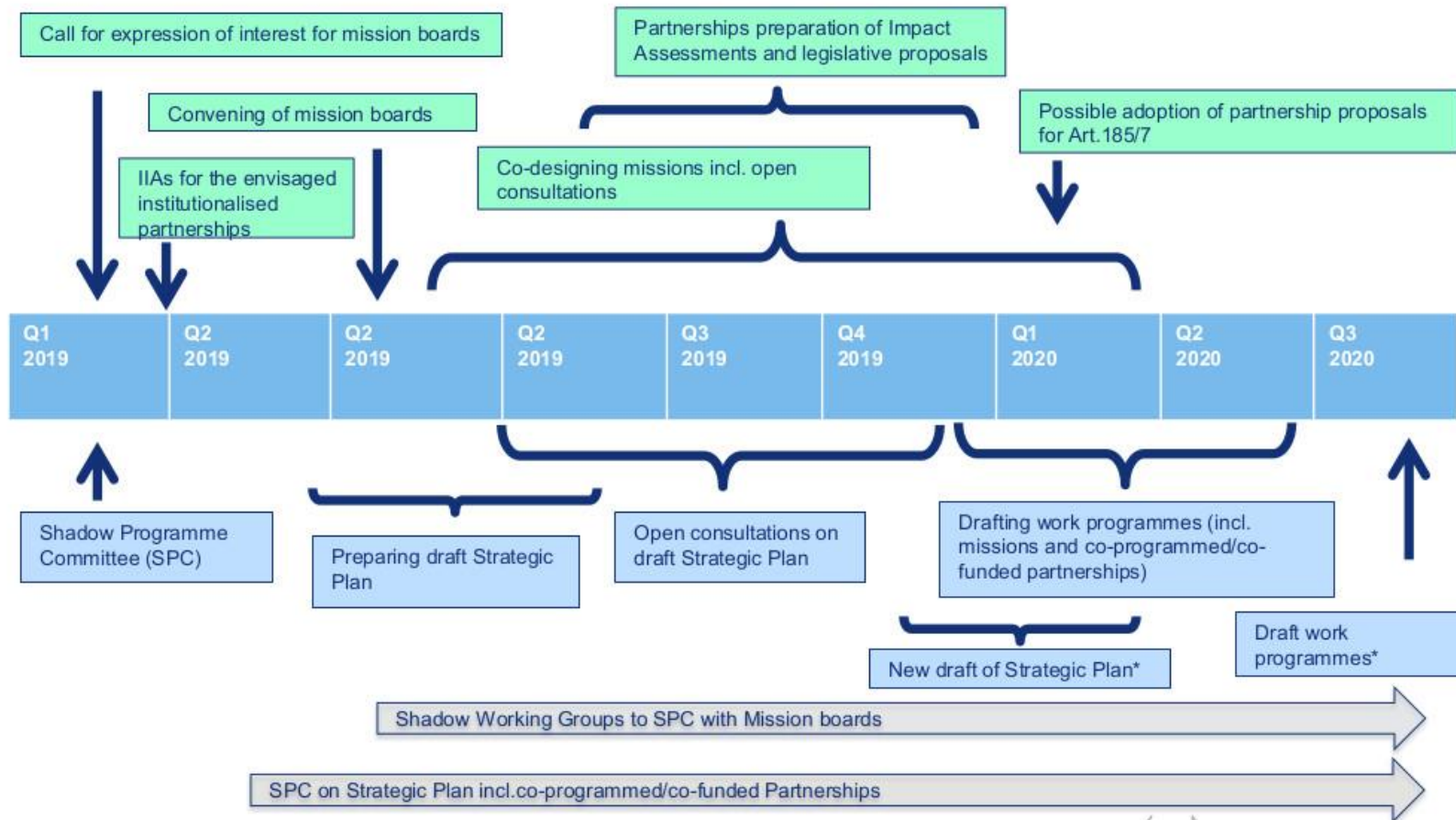
Hovedutfordringene:

- Missions og partnerskap
- EIC
- Widening

Særutfordring for Norge og andre tredjeland – Union First!



Indicative timeline- Missions, Partnerships & Strategic Planning



*Strategic Plan and work programmes can only be adopted after Horizon Europe enters into force

Version: 300119



Takk for oppmerksomheten



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