

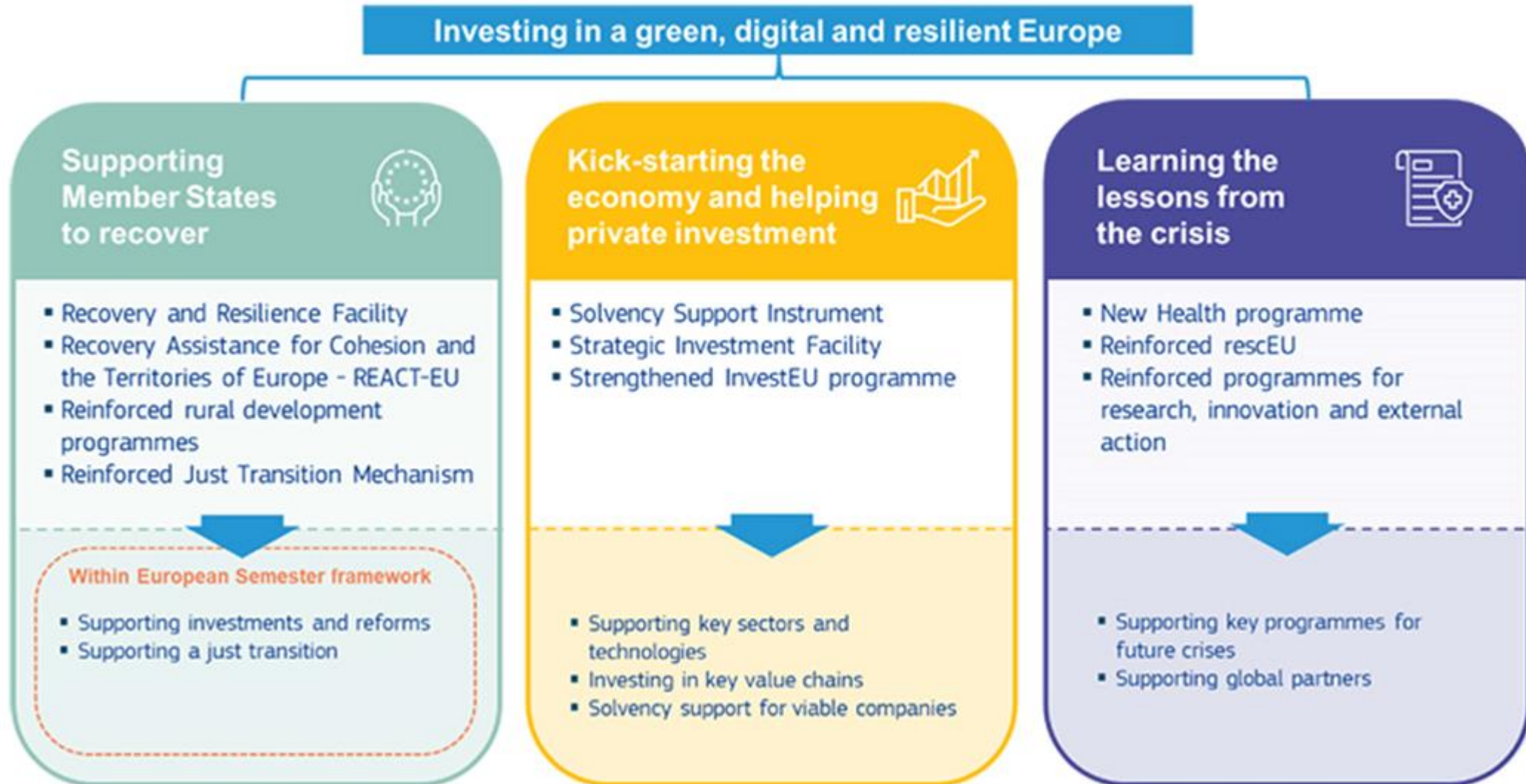


European
Commission

THE ROLE OF RESEARCH AND INNOVATION IN **EUROPE'S RECOVERY**

Julien Guerrier, Director A, DG R&I

'Next Generation EU': a €750 b plan



More at the Europa [Recovery website](#)



“Our renewed commitment to modernize our economies, making them greener, more digital and more resilient, will ensure that we come out stronger from this crisis. Research and innovation are vital to ensure a sustainable recovery for all.”

Mariya Gabriel, Commissioner for Innovation, Research, Culture, Education and Youth

INVESTMENTS IN RESEARCH AND INNOVATION ARE KEY FOR A SUSTAINABLE AND INCLUSIVE RECOVERY

R&I are critical levers to ensure a sustainable and inclusive recovery, while boosting the resilience of our production sectors, the competitiveness of our economies and the transformation of our socio-economic systems. There are a number of key strategic areas where R&I initiatives can assist the recovery, and assist in the short term.



€13.5 billion proposed increase of Horizon Europe budget through Next Generation EU, a €750 billion recovery plan



Horizon Europe proposed increase

	COM proposal May 2018	Draft Council conclusions (February 2020)	Recovery instrument	Total
Constant 2018 prices	83 491	80 900	13 500	94 400
Current prices	94 100	91 178	14 647	105 825

Amendments to Horizon Europe

- The recovery and resilience measures under the European Recovery Instrument will be carried out through the already existing instruments, including via Horizon Europe.
- That is why it was necessary to amend the Commission proposals to include references to the European Recovery Instrument where additional amount of EUR 13.5 b (in 2018 (constant) prices)/ EUR 14.6 b (current prices) is foreseen for Horizon Europe (article 9a of the Regulation and article 4a of the Specific Programme).
- On 29 May 2020 changes in Horizon Europe Regulation and Specific Programme were adopted.

Amendments to Horizon Europe

These amendments aim at:

- Enabling the implementation of the measures laid down in the proposal for Regulation establishing a European Recovery;
- Enabling financing from the European Recovery Instrument as external assigned revenues in accordance with Article 21(5) of the Financial Regulation;
- Ensuring compliance with the targeted deadlines laid down in Article 4 of the proposal for Regulation establishing a European Recovery Instrument through proper cross referencing

€13.5 b proposed budget increase in a



- Support to health and climate-related R&I:
 - **Health cluster:** clinical trials, protective measures, virology, vaccines, treatments and diagnostics, and translation of research into public health
 - **Climate Energy and Mobility + Digital Industry and Space clusters:** scale up R&I resources and strengthen competitiveness of EU industry
 - Promote a recovery consistent with the **European Green Deal**
 - **EIC:** additional means for emerging and breakthrough innovations

More in @EUScienceInnov's [Factsheet](#), accompanying the recovery package

R&I boosts growth and competitiveness

- **Positive fiscal stance:** public investments in R&I should be prioritised
- Investments in innovative **SMEs, start-ups and midcaps** are critical
- Incentives for firms' activity and to invest in people and R&I **build resilience**



2/3

of **EU productivity growth** over the last decades has been **driven by R&I investments**



€11

Estimated leverage effect of each euro invested in R&I at EU level



€400-600 billion

by 2030 is the estimated **GDP gain** from Horizon 2020

More in @EUScienceInnov's [dedicated paper](#), accompanying the recovery package

R&I accelerates Europe's transformation

- Horizon will be strengthened to support a truly transformative recovery
- HE's **missions** have all direct links to the sectors mostly hit by the crisis
- HE's new **Partnerships** ensure long term strategic cooperation in areas that are key for Europe's sustainability



**Horizon 2020
European
Green Deal call**
to trigger green recovery



35%
Horizon Europe spending target
on tackling
climate change



€1.5 billion
mobilised under Horizon 2020
(2018-2020 period) for **Artificial
Intelligence** research

More in @EUSciencInnov's [Factsheet](#), accompanying the recovery package

R&I is key to battle the coronavirus outbreak

- Over €1 b from H2020 mobilised for [Coronavirus Global Response](#) to develop and universally deploy diagnostics, treatments and vaccines
- **Adjusted EU State Aid rules** facilitate COVID-19 relevant R&I
- R&I contributes to **common standards** e.g. for diagnostics tests, health data, product approvals, joint innovation procurement and clinical guidelines
- HE's health R&I activities will be complementary to **EU4Health**, which will focus on testing, approval, uptake and deployment

More in @EUScienceInnov's [dedicated paper](#), accompanying the recovery package

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