

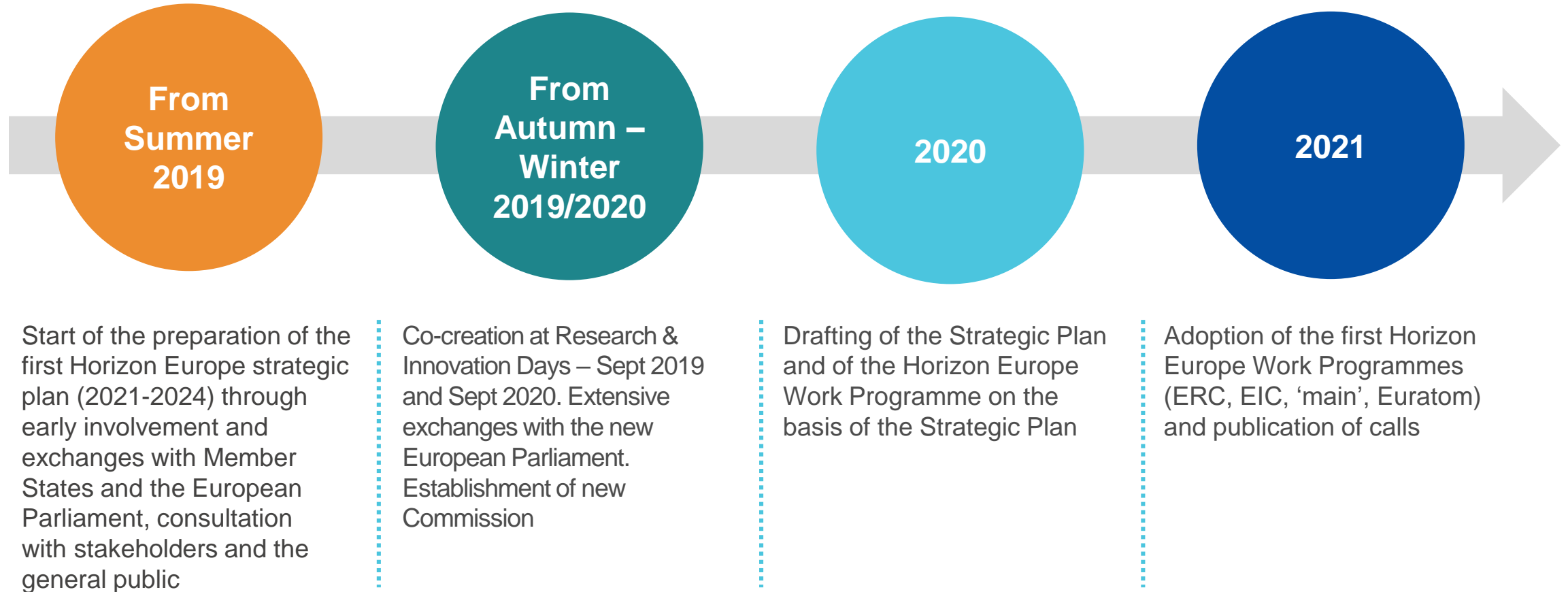


Horizon Europe Work Programme 2021/22

Evento Annuale 2021 POR Lombardia FESR-FSE 2014-20

*Niccolò Querci
DG Research & Innovation*

Steps towards the first Horizon Europe work programme



The 'main' Work Programme for 2021-2022

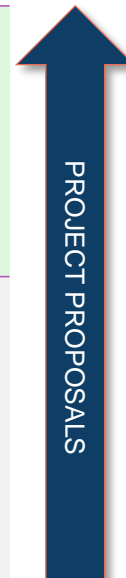
- EUR 14.5 billion over the two-year period to address key EU priorities.
- In order to support our ambition and obligation to make Europe the first climate-neutral continent by 2050, it will direct a minimum of 35 % of the funding available to climate objectives.
- In support of the digital transition, it will foster research and innovation to make this decade Europe's digital decade, and lay the ground work for new digital enterprises even further into the future.
- It will direct investments to build the NextGeneration EU, helping repair the immediate economic and social damage brought about by the coronavirus pandemic and to create a post-COVID-19 Europe that is greener, more digital, more resilient and better fit for the current and forthcoming challenges.

The Horizon Europe impact logic

Strategic Planning and Programming
(EC)



EU POLICY PRIORITIES	Overall priorities of the European Union (Green Deal, Fit for the Digital Age,...)
KEY STRATEGIC ORIENTATIONS	Set of strategic objectives within the EC policy priorities where R&I investments are expected to make a difference
IMPACT AREAS	Group of expected impacts highlighting the most important transformation to be fostered through R&I
EXPECTED IMPACTS = DESTINATIONS	Wider long term effects on society (including the environment), the economy and science, enabled by the outcomes of R&I investments (long term). It refers to the specific contribution of the project to the work programme expected impacts described in the destination. Impacts generally occur some time after the end of the project.
EXPECTED OUTCOMES = TOPICS	The expected effects, over the medium term, of projects supported under a given topic. The results of a project should contribute to these outcomes, fostered in particular by the dissemination and exploitation measures. This may include the uptake, diffusion, deployment, and/or use of the project's results by direct target groups. Outcomes generally occur during or shortly after the end of the project.
PROJECT RESULTS	What is generated during the project implementation. This may include, for example, know-how, innovative solutions, algorithms, proof of feasibility, new business models, policy recommendations, guidelines, prototypes, demonstrators, databases and datasets, trained researchers, new infrastructures, networks, etc. Most project results (inventions, scientific works, etc.) are 'Intellectual Property', which may, if appropriate, be protected by formal 'Intellectual Property Rights'



Application process
(researchers)



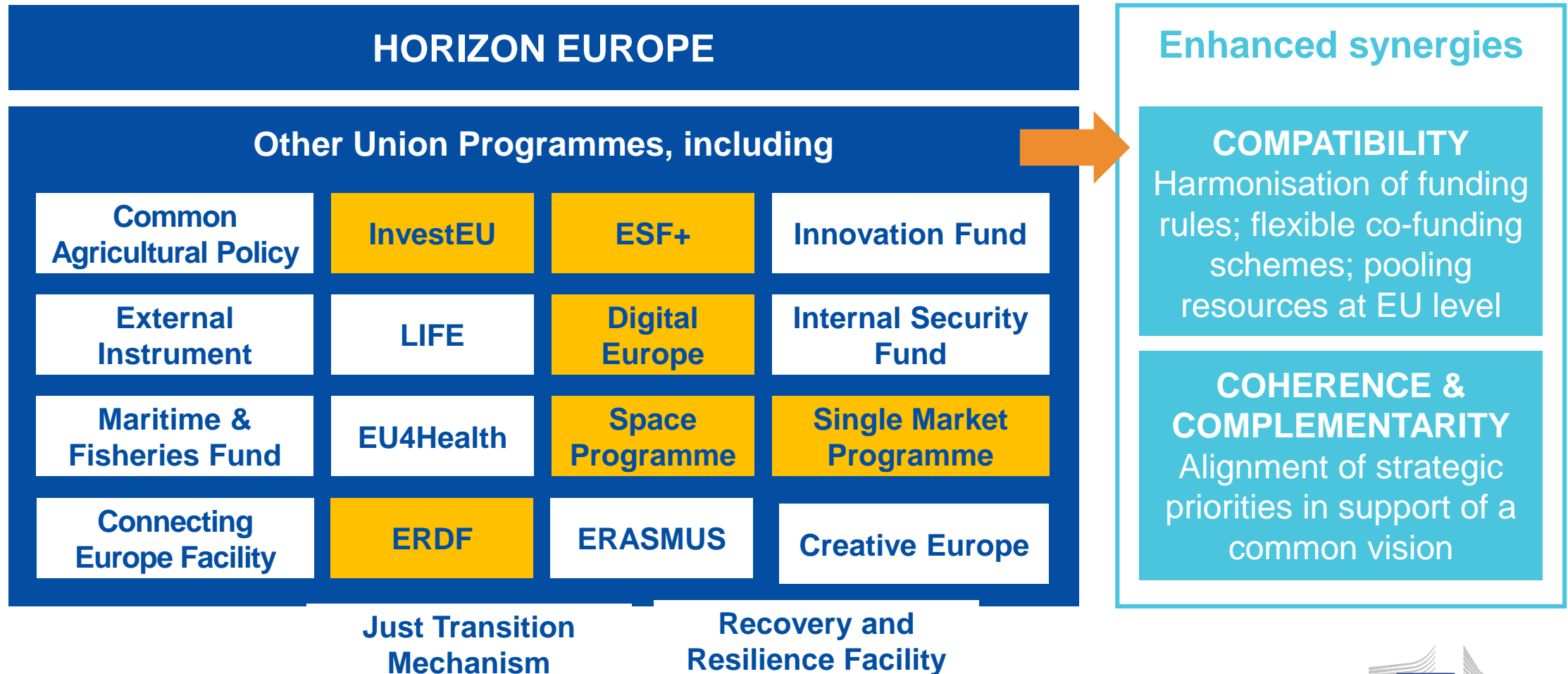
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Our understanding of synergies

$$1+1 > 2$$

- **Funding** is necessary, but not an objective in itself.
It goes beyond the combination of funding sources.
=> **FUEL**
- **Strategy** is the key to efficiency of investments, effectiveness of measures and quality of results.
=> **ENGINE**

Commission proposal for synergies with other Union programmes



Horizon Europe and ERDF

Pillar 1 Excellent Science



European Research Council

Marie Skłodowska-Curie
Actions

Research Infrastructures

Pillar 2 Global Challenges and European Industrial Competitiveness



Clusters

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

Pillar 3 Innovative Europe



European Innovation Council

European innovation
ecosystems

European Institute of
Innovation
and Technology

Policy Objective 1

A more competitive and smarter Europe by promoting innovative and smart economic transformation and regional ICT connectivity

Developing and enhancing research and innovation capacities and the uptake of advanced technologies

Reaping the benefits of digitisation for citizens, companies, research organisations and public authorities

Enhancing sustainable growth and competitiveness of SMEs and job creation in SMEs, incl. by productive investments

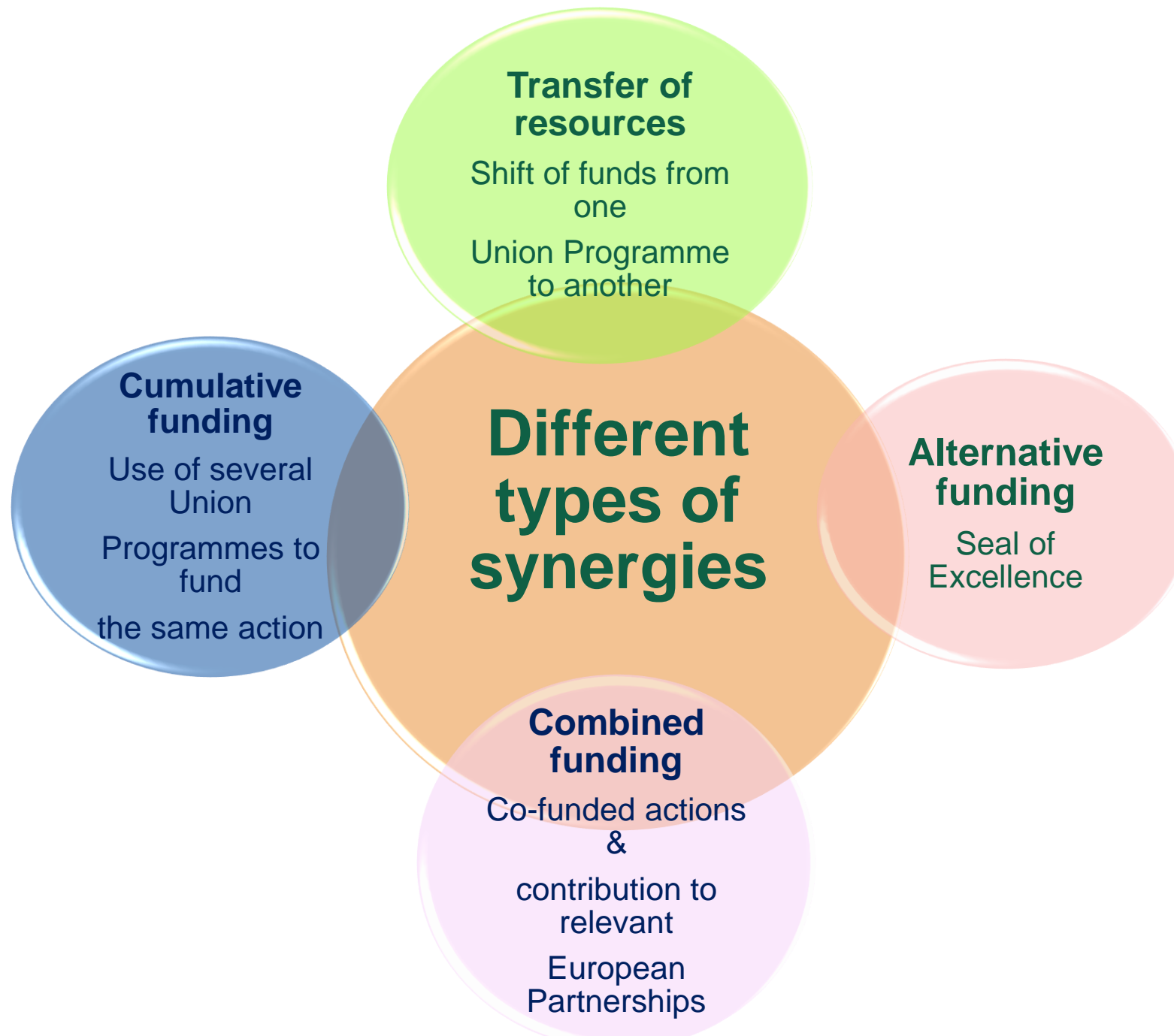
Developing skills for smart specialisation, industrial transition and entrepreneurship

Enhancing digital connectivity

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system



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With Horizon Europe, we step up our ambition for a sustainable future. The programme will maximise its impact by strengthening our scientific and technological bases, boosting our innovation capacity, driving the green and digital transitions and supporting an inclusive recovery.

Mariya Gabriel

Commissioner for Innovation, Research, Culture, Education & Youth

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European
Commission



Thank you!

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<http://ec.europa.eu/horizon-europe>



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