What’s new in Horizon 2020?

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Innovation Union at a glance

STRENGTHENING THE KNOWLEDGE BASE

1. Training researchers

2. University ranking system

3. Developing new curricula

4. ERA Framework

5. European Research infrastructures

6. Programmes focusing on EU2020 **(HORIZON 2020)**

7. Involvement of SMEs in R&I

BRINGING IDEAS TO MARKET

8. Forum on Forward Looking Activities

9. EIT to expand its activities

10. New financial instruments for private finance

11. Free Venture Capital funds

12. Cross-border matching of innovative firms

13. Review of State aid R&D&I

14. EU Patent

15. Screening of key regulatory frameworks

16. Modernise standard-setting

17. Pre-commercial and public procurements

18. Eco-innovation action plan

19. European Design Board

20. Open access

21. Knowledge transfer

22. European market for patents and licensing

23. Safeguard of IPRs

ENSURING TERRITORIAL AND SOCIAL COHESION

24. Smart Specialisation

25. Focus on Innovation in the next Structural Funds

26. European Social innovation pilot

27. Research programmes on public sector and social innovation

28. Partners consultation on knowledge economy

INTERNATIONAL DIMENSION

29. European Innovation Partnerships

30. Policies for researchers to reside in Europe

31. Scientific cooperation with third countries

32. International agreements on research infrastructures

MONITORING INNOVATION

33. MS to carry out self assessments

34. New indicator for fast-growing companies and monitoring

What is Horizon 2020

- The financial pillar of the Innovation Union
- A single programme bringing together three separate programmes/initiatives*
- Coupling research to innovation – from research to retail, all forms of innovation

*The 7th Research Framework Programme (FP7), innovation aspects of Competitiveness and Innovation Framework Programme (CIP), EU contribution to the European Institute of Innovation and Technology (EIT)

What’s new

- A strategy behind and more political (you need to know the policy behind the call/topic)
- Broad approach to innovation (social, service, public sector..)
- An holistic and integrated approach – system
- Greater emphasis on innovation (testing, piloting, demonstrations ,proof of concept, validation, experimental development..)
- Support to closer to market applications (support to SMEs, innovation services, venture capital)

What’s new

- Focus on societal challenges facing EU society, e.g. health, clean energy and transport
- Emphasis on better integrate demand and supply and user centred
- Support to market demand (e.g specification for new standards, procurements)
- Experimenting “new” forms of innovation
- Time to grant from submission should be max 8 months

Horizon 2020 approach to innovation

Building on success

ETPs, PPPs, Financial instruments

Expanding nature & types of activity

SME instrument; support for demos and demand side

Beyond traditional actors and technology focus

EIPs

Simplification

Building projects in Horizon 2020…

New types of calls and proposals

- ✓ Calls are challenge-based, and therefore more open to innovative proposals

  L*ess prescriptive – calltext do not outline the expected solutions or ways to solve the challenge*

  Allow applicants to propose the best solutions accordingly

- ✓ There is a greater emphasis on impact, in particular through each call or topic impact statements

  Proposal should explain the expected impact and how the applicants intend to achieve this.

  Impact should take into consideration how solutions can support reaching European policy objectives

  Evaluators will assess this potential contribution

New types of calls and proposals

- ✓ More emphasis on innovation

  Horizon 2020 supports all stages of the research and innovation process including non-technological innovation and activities closer to the market

- ✓ Encouraging bringing together different disciplines, sectors and actors to tackle specific challenges
- ✓ More emphasis on end-users needs
- ✓ No grant negotiation phase!

  Experts evaluate each proposal as submitted, NOT on its potential with certain changes. Shortcomings should be reflected in a lower score, explain the shortcoming but can not make recommendations!

Evaluation criteria

Instructions: Keep slide if it refers to the type of action of your call/topic. Otherwise, delete it.

Research and Innovation Actions/Innovation Actions/ SME instrument

✓ For the first stage of a two-stage procedure, only the aspects of the criteria in yellow are evaluated

Excellence

Clarity and pertinence of the objectives

Soundness of the concept, including trans-disciplinary considerations, where relevant

Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art (e.g. ground-breaking objectives, novel concepts and approaches)

Credibility of the proposed approach

Impact

The expected impacts listed in the work programme under the relevant topic

Enhancing innovation capacity and integration of new knowledge

Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets; and, where relevant, by delivering such innovations to the markets

Any other environmental and socially important impacts (not already covered above)

Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant

Implementation

Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources

Complementarity of the participants within the consortium (when relevant)

Appropriateness of the management structures and procedures, including risk and innovation management

Interpretation of the scores

0. The proposal fails to address the criterion or cannot be assessed due to missing or incomplete information.
1. Poor. The criterion is inadequately addressed, or there are serious inherent weaknesses.
2. Fair. The proposal broadly addresses the criterion, but there are significant weaknesses.
3. Good. The proposal addresses the criterion well, but a number of shortcomings are present.
4. Very Good. The proposal addresses the criterion very well, but a small number of shortcomings are present.
5. Excellent. The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

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Thank you!

Find out more:

www.ec.europa.eu/research/horizon2020