



Investigating the Impact
of the **Innovation Union**

Innovation Union

I3U Project – Final Conference
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EUROPE 2020

- Europe 2020: strategy of the European Commission for 2010-2020
“smart, sustainable, inclusive growth”
- Follows the Lisbon Strategy for 2000-2010
“the most competitive and dynamic knowledge-based economy in the world”

TARGETS

- Employment
 - 75% of people aged 20–64 to be in work
- Research and development (R&D)
 - 3% of the EU's GDP to be invested in R&D
- Climate change and energy
 - greenhouse gas emissions 20% lower than 1990 levels
 - 20% of energy coming from renewables
 - 20% increase in energy efficiency
- Education
 - rates of early school leavers below 10%
 - at least 40% of people aged 30–34 having completed higher education
- Poverty and social exclusion
 - at least 20 million fewer people in – or at risk of – poverty/social exclusion

FLAGSHIP INITIATIVES

- Innovation Union
- Youth on the move
- Digital agenda for Europe
- Resource efficient Europe
- Industrial policy for the globalization era
- Agenda for new skills and jobs
- European platform against poverty

EUROPEAN UNION = 34 COMMITMENTS

Components:

- Education
- Research
- Governance of innovation
- Finance
- Single innovation market
- Openness
- Internal cohesion
- External collaborations
- Evaluation

STRENGTHENING THE KNOWLEDGE-BASE

Education

1. Train enough researchers to meet national R&D targets and promote attractive employment conditions
2. Develop international ranking system to benchmark university performance + create “knowledge alliances” between education and business and address innovation skill gaps
3. Develop e-skills for innovation and competitiveness

STRENGTHENING THE KNOWLEDGE-BASE

Research

4. Remove obstacles to cross-border mobility and cooperation
 - European Research Area
5. Give priority to European research infrastructures
 - ESFRI: European Strategy Forum on Research Infrastructures

STRENGTHENING THE KNOWLEDGE-BASE

Governance of innovation

6. Focus on societal challenges, streamline funding instruments, strengthen ERC, reinforce industry-driven priorities
7. Simpler access and stronger involvement of SMEs
8. More science-based policies through Joint Research Center and Forum on Forward Looking Activities
9. Promote innovation-driven research through European Institute of Innovation and Technology

GETTING GOOD IDEAS TO MARKET

Finance

10. Put in place financial instruments to attract private finance
11. Ensure that venture capital funds can invest freely in the EU – no tax discrimination
12. Strengthen cross-border matching of innovative firms with suitable investors
13. Review State aid R&D&I

GETTING GOOD IDEAS TO MARKET

Single innovation market

14. EU patent and unified system of dispute settlement

15. Regulatory framework, in particular for eco-innovation and European innovation partnership

16. Standardization to ensure interoperability and to foster innovation

17. Procurement market across the EU, incl. pre-competitive and public procurement

18. Eco-innovation

GETTING GOOD IDEAS TO MARKET

Openness

19.Promote design and creative industries

20.Promote open access to results from publicly-funded research

21.Facilitate effective research collaboration and knowledge transfer

22.Develop a European knowledge market for patents and licensing

23.Safeguard against the use of IPR for anti-competitive purposes

MAKING IT HAPPEN

Internal cohesion

24. Member States should use Structural Funds for innovation projects

25. Smart specialisation in member States

26. Social innovation

27. Develop public sector innovation scoreboard

28. Inclusive innovation: spread the knowledge to all occupational levels and sectors

29. Pooling forces: European innovation partnerships

MAKING IT HAPPEN

External collaborations

30. Retaining and attracting international talent

31. Scientific cooperation with third countries

32. Promote global research infrastructure and collaboration

MAKING IT HAPPEN

Evaluation

33. Self-assessments of challenges, needed reforms

34. Develop indicators for benchmarking innovation performance

INVESTIGATING THE IMPACT OF THE INNOVATION UNION (IU)

1	UNIVERSITEIT MAASTRICHT	UN-MERIT	Netherlands
2	ISTITUTO DI STUDI PER L'INTEGRAZIONE DEI SISTEMI (I.S.I.S) - SOCIETA'COOPERATIVA	ISINNOVA	Italy
3	SEURECO SOCIETE EUROPEENNE D'ECONOMIE SARL	SEURECO	France
4	WIENER INSTITUT FUR INTERNATIONALE WIRTSCHAFTSVERGLEICHE	WIIW	Austria
5	UNIVERSITETET I OSLO	UiO	Norway
6	UNIVERSITE LIBRE DE BRUXELLES	ULB	Belgium
7	ZENTRUM FUER EUROPAEISCHE WIRTSCHAFTSFORSCHUNG GmbH	ZEW	Germany
8	EKONOMSKI INSTITUT ZAGREB	EIZ	Croatia
9	SZKOLA GLOWNA HANDLOWA W WARSZAWIE	WERI-SGH	Poland

- Individual evaluation of each commitment
 - State of implementation
 - Direct effects
 - Integration in eco-system
 - ✓ Capabilities, conditions, interactions, obstacles
 - ✓ Data and parameter estimates for NEMESIS model
- Evaluation of the whole Innovation Union
 - from a system of innovation perspective
 - using the NEMESIS econometric model

Thank you

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