H2020 , ключевые понятия и игроки

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GENERAL QUESTIONS

WHAT IS HORIZON 2020?

• Horizon 2020

Framework Programmes for Research and Technological Development

+

the innovation related activities of the Competitiveness and Innovation Framework Programme (CIP)

+ the European Institute of Innovation and Technology (EIT)

Framework

- Architecture framework
- Software framework
- Legal framework
- Qualifications framework
- Cultural framework
- …
- Framework Directive
- Framework Programme

Framework Programme

- What is it?
- How it works?
- What...?
- Who ...?
- Where ...?
- When ...?
- •...

HORIZON 2020

EUROPEAN COMMISSION

Excellent Science (24.4 B €)

- European Research Council (13.1 B €)
- Future and Emerging Technologies (2.7 B €)
- Marie Skłodowska-Curie Actions (6.1 B €)
- Research Infrastructures (2.5 B €)

Industrial Leadership (17 B €)

LEIT = Leadership in enabling and industrial technologies
- ICT
- Nano, new materials
- Biotechnology
- Space

(13.5 B €)

- Access to Risk Finance (2.9 B €)
- Innovation in SMEs (0.6 B €)

Societal Challenges (29.7 B €)

- Health (7.5 B €)
- Food (3.9 B €)
- Energy (6 B €)
- Transport (6.3 B €)
- Climate (3 B €)
- Inclusive Societies (1.3 B €)
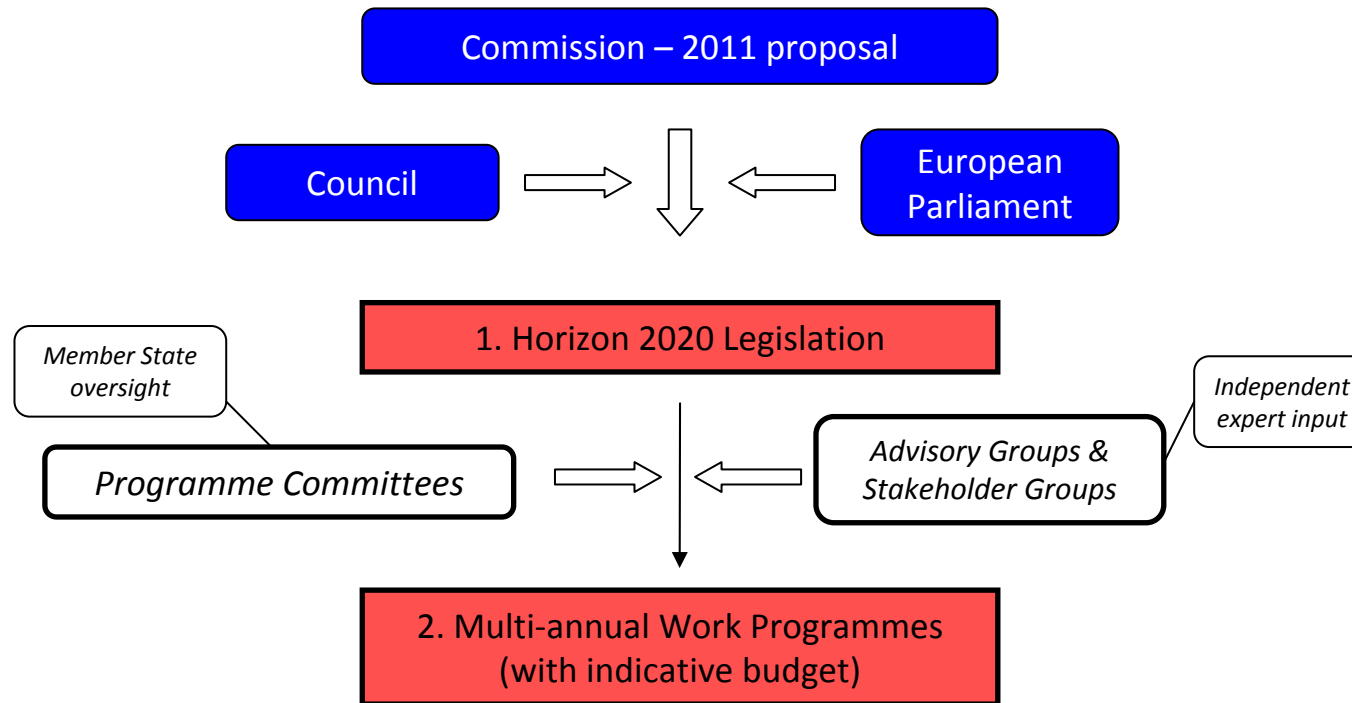- Security (1.7 B €)

Spreading Excellence (0.8 B €)

Science for Society (0.5 B €)

EIT (2.7 B €) | **JRC (1.9 B €)** | **Euratom (1.6 B €)**

From Legislation to Work Programme

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                    ┌─────────────────────────────────┐
                    │   Commission – 2011 proposal    │
                    └─────────────────────────────────┘

┌──────────┐                  ⇩                  ┌──────────────┐
│ Council  │  ⇨                          ⇦       │  European    │
└──────────┘                                     │  Parliament  │
                                                 └──────────────┘

                    ┌─────────────────────────────────┐
                    │    1. Horizon 2020 Legislation  │
┌──────────────┐    └─────────────────────────────────┘         ┌──────────────┐
│ Member State │                                                 │ Independent  │
│  oversight   │                                                 │ expert input │
└──────────────┘                                                 └──────────────┘
┌───────────────────────┐        ┌─────────────────────────┐
│ Programme Committees  │  ⇨ ⇦   │   Advisory Groups &     │
└───────────────────────┘        │   Stakeholder Groups    │
                                 └─────────────────────────┘

                    ┌─────────────────────────────────┐
                    │  2. Multi-annual Work Programmes │
                    │      (with indicative budget)    │
                    └─────────────────────────────────┘
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Work programmes are formulated by the Commission taking advice from
Programme Committees, Advisory Groups and key stakeholder groups, based on
the activities supported outlined in the legislative text. Programme Committees
approve Work Programmes

How to lobby for Horizon 2020

National Contact Points

Usually serve as experts to Programme Committees

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They know „who is who" in Europe

•

Are well networked

•

Work confidential and neutral

- National Contact Points (NCPs) are publicly funded to provide advice and assistance to participants within specific areas of Horizon 2020

- Clarification of documentation and rules

- Guidance on choosing thematic priorities and instruments

- Advice on administrative procedures and contractual issues

- Feedback on proposals

- Assistance in partner search

- All member states and associated countries have NCPs:

- http://ec.europa.eu/research/participants/portal/page/nationalcontactpoint

- (or just search on "NCP Horizon 2020"…)

- How to influence the content of WPs

the Working Programmes, and the contents of future calls, are revised biannually.

versions of the 'Work Programmes' and the 'Strategic Research Agendas' for the technology platform(s) are the most important documents

The 'Strategic Research Agendas' can be found at the web site of each platform.

Identify the people who are members of those groups that the commission primarily consults with concerning the contents of the Work Programmes

Take contact with as many as possible of those people to discuss the contents of the Work Programme

Motivate your European partners to take similar steps as above

National R&D Offices in Brussels

All main research organisations and national authorities have their representations in Brussels

- They act parallel to the „official" Permanent Representation

- Informal Group of the Liaison Offices:

  www.iglortd.org

Informal Group of Liaison Offices (IGLO)

Countries

- ELO (Estonian Liaison Office for EU RTD)
- HunOR (Hungarian Liaison Office for Research and Innovation)
- MOST (Moldovan Office for Science and Technology)
- ROST (Romanian Office for Science and Technology)
- SwissCore (Swiss Contact Office for Research, Innovation and Education)
- SOST (Spanish Office for Science and Technology)
- RCN (Norwegian Liaison Office for EU RTD)
- SLORD (Slovak Liaison Office for Research and Development)
- DANRO (Danish EU Research Liaison Office)
- FNRS (Fonds de la Recherche Scientifique, Vallonia,Belgium)
- FWO (Fonds Wetenschappelijk Onderzoek, Flanders, Belgium)
- Enterprise Ireland (Irish EU R&D Liaison Office)
- KoWi (European Liaison Office of the German Research Organisations)
- CZELO (Czech Liaison Office for Research, Development and Innovation)

Institutions

- PolSCA (Polish Science Contact Agency of the Academy of Sciences)
- VINNOVA (Swedish Governmental Agency for Innovation Systems)
- FiLi (Finnish Liaison Office for EU Research and Development, with delegates from the Academy of Sciences and TEKES)
- CNR (Italian National Council for Research)
- ENEA (EU Liaison Office of the Italian National Agency for New Technologies,
- the Energy and the Sustainable Economic Development)

Associations

- EOC (European Office of Cyprus)
- NethER (Netherlands House for Education and Research)
- SBRA (Slovenian Business and Research Association)
- CLORA (French Club des Organismes de Recherche Associés)
- TuR&Bo (Public#Private Partnership of Turkish Research and Business Organizations)
- UKRO (UK Research Office)

European Technology Platforms

(1) Advisory Council for Aviation Research and Innovation in Europe (ACARE)
(2) Association for R&D actors in Embedded Systems (ARTEMIS)
(3) European Aquaculture Technology and Innovation Platform (EATIP)
(4) European Biofuels Technology Platform (EBTP)
(5) European Construction Technology Platform (ECTP)
(6) European Photovoltaic Technology Platform (EU PV TP)
(7) European Rail Research Advisory Council (ERRAC)
(8) European Road Transport Research Advisory Council (ERTRAC)
(9) European Robotics Technology Platform (EUROP/euRobotics)
(10) European Steel Technology Platform (ESTEP)
(11) European Technology Platform for Advanced Engineering Materials (EuMaT)
(12) European Technology Platform for Global Animal Health (ETPGAH)
(13) European Technology Platform for High Performance Computing (ETP4HPC)
(14) European Technology Platform for Nanoelectronics (ENIAC)
(15) European Technology Platform for the Future of Textiles and Clothing
(16) European Technology Platform for Sustainable Chemistry (SusChem)
(17) European Technology Platform for Wind Energy (TPWind)
(18) European Technology Platform on Logistics
(19) European technology Platform on Nanomedicine
(20) European Technology Platform on Renewable Heating & Cooling (RHC-Platform)

(21) European Technology Platform on Smart Systems Integration (EPoSS)
(22) European Technology Platform on Sustainable Mineral Resources (ETP-SMR)
(23) Food for Life
(24) Forest Based Sector Technology Platform
(25) Integral Satcom Initiative (ISI)
(26) Manufuture
(27) Net!Works
(28) Networked and Electronic Media (NEM)
(29) Networked European Software and Services Initiative (NESSI)
(30) Photonics
(31) Plants for the Future
(32) Smart Grids European Technology Platform
(33) Sustainable Farm Animal Breeding and Reproduction Technology Platform (FABRE-TP)
(34) Sustainable Nuclear Energy Technology Platform (SNETP)
(35) Technology Research Platform for organic food and farming (TP Organics)
(36) Water supply and sanitation Technology Platform (WssTP)
(37) Waterborne
(38) Zero Emissions Platform (ZEP)

Cross ETP initiatives
(1) Nanofutures
(2) Industrial Safety

Increasing the participation of Moldovan researchers in FP7:
Making a success of FP7 Association

- 1 Jan 2012

- Moldova formally became associated to FP7

- First Eastern Partnership country

- Second European Neighbourhood Policy country (after Israel)

- 14th associated country: Albania, Bosnia and Herzegovina, Croatia, Faroe Islands, FYROM, Iceland, Israel, Liechtenstein, Moldova, Montenegro, Norway, Serbia, Switzerland, Turkey

Association:
What does it involve?

New opportunities

- All FP7 calls fully open to the participation of Moldovan researchers and research organisations

- Identical terms and conditions as EU Member States

- Core consortium members - eligibility conditions

- New opportunities in Ideas and People programmes and under Regions of Knowledge

- Still eligible for SICA - but as an AC

Association:
What does it involve?

Increased information flow

- Moldovan representatives in FP7 programme committees

- Moldovan NCPs to attend all information and training sessions

- Moldovan representative in the JRC Board of Governors

- Moldovan financial contribution to FP7 budget

FP7: Moldovan participation to date

- 151 FP7 proposals submitted involving 168 Moldovan applicants
- Highest numbers of applications in the areas of international cooperation, social science, ICT and environment research
- 24 FP7 grant agreements signed, involving 35 Moldovan research organisations, receiving €2.8 million
- Success rate of 18.6% (cf EU average 20%)
- Highest success in Marie Curie Actions, international cooperation, health and research infrastructures

H2020 – Moldova association

EUROPEAN COMMISSION

PRESS RELEASE

Brussels, 1 July 2014

Western Balkans countries, Moldova sign up to Horizon 2020

Five Western Balkan countries (Albania, Bosnia and Herzegovina, the former Yugoslav Republic of Macedonia, Montenegro and Serbia), and the **Republic of Moldova** today secured full access to the European Union's new seven year research and innovation programme, Horizon 2020. The six countries signed association agreements in Brussels together with Robert-Jan Smits, Director-General for Research and Innovation at the European Commission. All six countries have experience of cooperation on research and innovation with the EU through the seventh framework programme (FP7), and are seeking to build on this under Horizon 2020.