

Horizon 2020 infoday

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Agenda

1. General presentation Horizon 2020
2. Financial issues Horizon 2020
3. Science with and for Society
4. MSCA and JRC
5. SC9 and SC12
6. Bilateral meetings

1. General presentation Horizon 2020

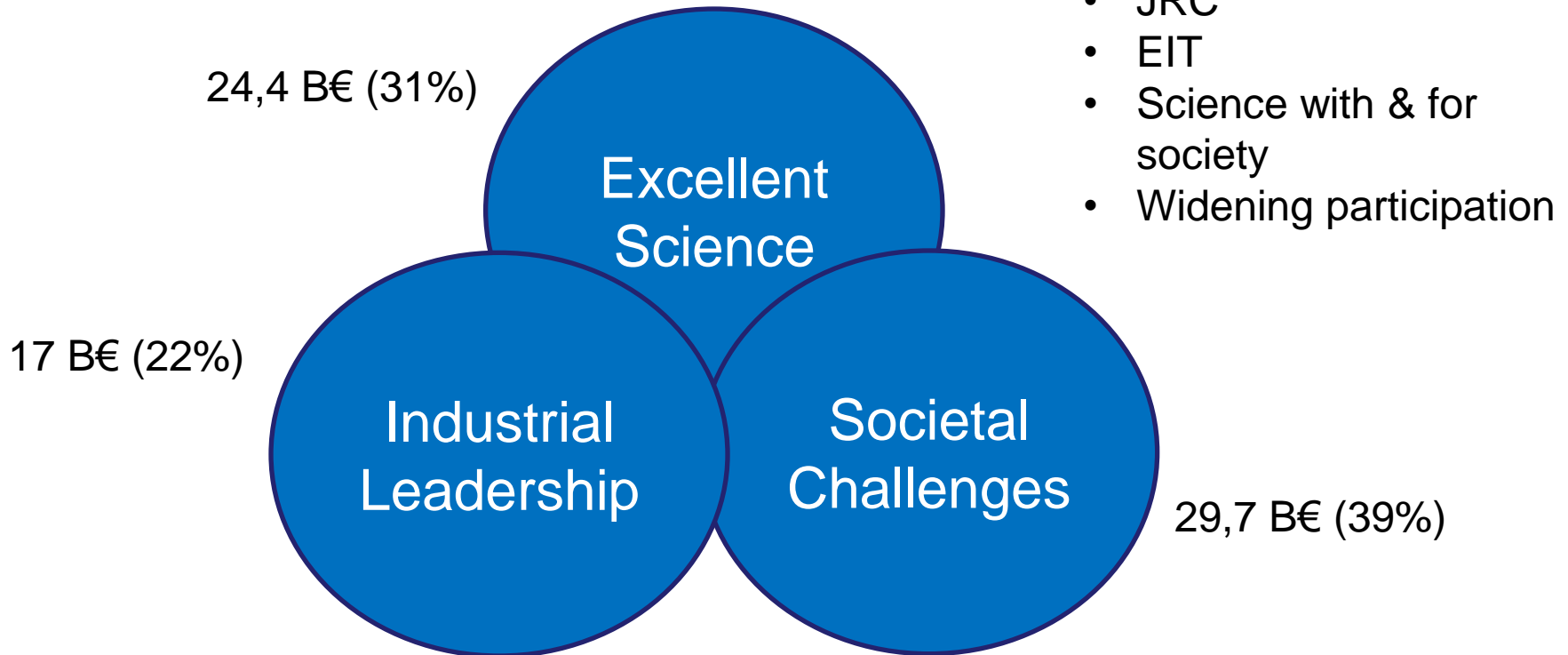
What is Horizon 2020?

- New Framework Programme for Research and Innovation for 2014-2020 (75 billion €)
- Financial instrument to implement the Innovation Union
- Coupling research to innovation
- Challenge based

Main changes

- Single programme, combining all R&I instruments (FP7, CIP and EIT)
- Single set of rules
- 1 project = 1 funding rate
- Shorter time-to-grant (8 months)
- No negotiation (project as it is)
- 2 year work programme
- Less prescriptive calls, focusing on challenges

3 pillars



Horizon 2020

Excellent Science	Competitive Industries	Societal Challenges
European Research Council*	Leadership in enabling and industrial technologies:	Health, demographic change and wellbeing*
Future and emerging technologies	<ul style="list-style-type: none">• dedicated support for ICT *• nanotechnologies• advanced materials• biotechnology• advanced manufacturing and processing• space*	Food security, sustainable agriculture, marine and maritime research and the bio-economy*
Marie Skłodowska Curie actions*	Access to risk finance	Secure, clean and efficient energy
European Research infrastructures (incl. e-infrastructures)*	Innovation in SMEs	Smart, green and integrated transport
		Climate action, resource efficiency and raw materials*
		Inclusive, innovative and secure societies*
		Secure Societies*

European Institute of Innovation and Technology (EIT)
Joint Research Centre (JRC)*
Spreading Excellence and Widening Participation
Science with and for Society*

Excellent Science

- **European Research Council (ERC)**
Frontier research, all fields of science, all nationalities
- **Marie-Sklodowska-Curie actions (MSCA)**
Training and career development
- **Future and Emerging Technologies (FET)**
Collaborative research to open up new and promising fields of research & innovation
- **European Research Infrastructures (RI)**
Ensure access to world-class RI (incl. e-RI) in EU and beyond

Industrial Leadership

- Leadership in enabling and industrial technologies (LEIT)
 - Information and Communication Technologies (ICT)
 - Nanotechnologies, advanced materials, advanced manufacturing & processing
 - Biotechnology
 - Space
- Access to risk finance
- Innovation in SMEs

Societal Challenges

- Health, demographic change and wellbeing
- Food Security, Sustainable Agriculture and Forestry, Marine and Maritime and Inland Water Research and the Bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Inclusive, innovative and reflective societies
- Secure Societies

2. Financial issues Horizon 2020

EUROFED

Horizon 2020

RESEARCH AND INNOVATION

Simpler funding rules, that take into account the stakeholders' preference for

Simplification: the new main word in Horizon 2020

Simplification: a major feature of Horizon 2020



Significant innovations in H2020



- **EU Financial Regulation and Rules for participation are valid for all H2020 components** (e.g. EIT, JTI, Article 185...); exceptions are possible where necessary.
- **Standard funding rates** for all project participants and activities
- (one funding rate/project)
- **25% flat rate for indirect costs**

Maximum reimbursement rates	Research and technological development activities (*)	Demonstration activities	Other activities
Network of excellence	50% 75% (**)		100%
Collaborative project(****)	50% 75% (**)	50%	100%
Coordination and support action			100% (***)

Significant innovations in H2020

- **Shortening of the average „time-to-grant“**
- **Simplified controls and audits**
 - ✓ max. one Certificate on the Financial Statements per project/participant
- **Simplification of time-keeping records**
- **Open Access as basic principle for scientific publications**
- **Electronic signatures**

Funding Instruments

Funding actions	Funding rates
Research and Innovation action	100 %
Innovation action (close to market) <i>funds new, modified or improved products, processes or services</i> <i>- creating prototypes, tests, demonstrations, pilot projects, large-scale product validation and developing marketability</i>	70 % 100 % for NPOs
Co-ordination and support action	100 %
European Research Council (ERC)	100 %
Marie Skłodowska-Curie action	100 % (except Co-fund)
SME Instrument	70 %

New!

New!

Funding actions	Goals
Prizes <i>New!</i>	<ul style="list-style-type: none">• To create incentive investments in research and development in specific areas• Awards based on results• Uncomplicated procedure for granting funds
Fast Track to Innovation <i>New!</i>	<ul style="list-style-type: none">• Speeding up the development of technologies towards innovative products, processes and services• Increasing private investment in R & I
Pre-Commercial Procurement – Co-fund (PCP)	<ul style="list-style-type: none">• Co-financing research and development in innovative products and services that are not yet on the market
Public Procurement of Innovative Solutions (PPI) – Co-fund	<ul style="list-style-type: none">• Co-financing to procure innovative products and services that are already on the market or have just been launched onto the market
Various other Co-fund <i>New!</i>	<ul style="list-style-type: none">• Co-financing (e.g. ERA-NET procedures, Fellowship programme etc.)

Funding partners from third countries

- **Differentiation according to country groupings**
- Funding, if specified in the **Work Programme**
- **„Industrialised States“, BRIC and Mexico**
=> no automatic funding, except in the case of:
 - ✓ Funding as specified in the Work Programme or
 - ✓ Participation is essential for the realisation of the project or
 - ✓ Existing bilateral agreement



Time-to-grant: „5+3“

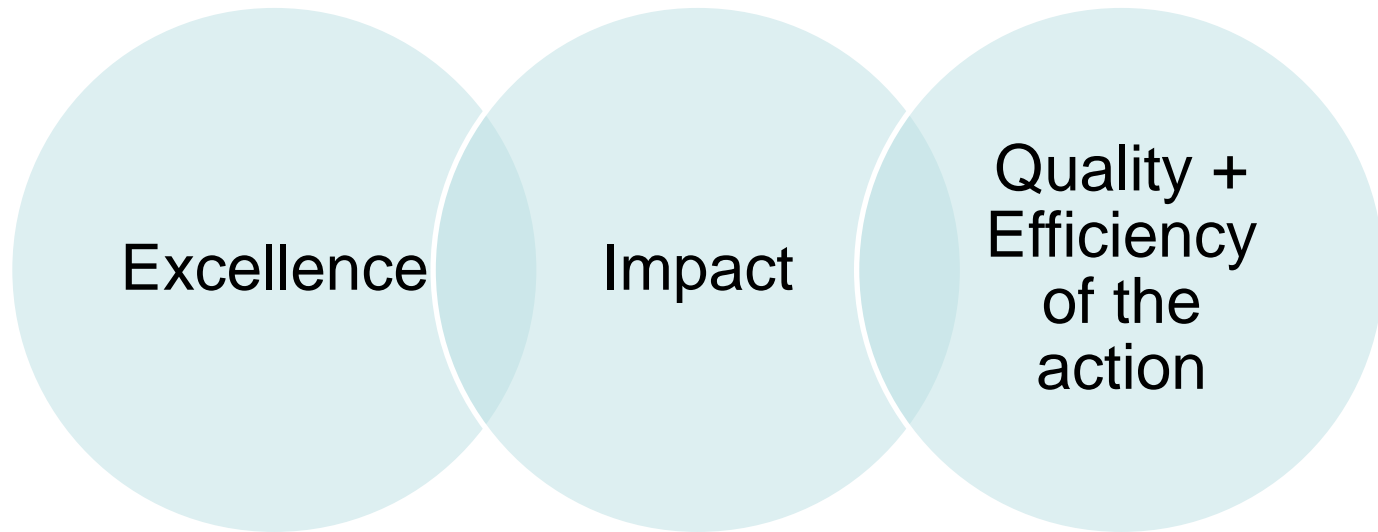
- Information on the **evaluation results** max. **5 months** from Call-Deadline (two-stage Calls: 2nd Call deadline)
- Thereafter max. **3 months to conclusion of contract**



- Longer period of time-to-grant possible:
ERC projects / justified exceptional cases (complex projects) /
request of consortium

To speed up: each proposal will be evaluated „as it is“, not as „what it could be“; no more paper

Evaluation of proposal – standard award criteria

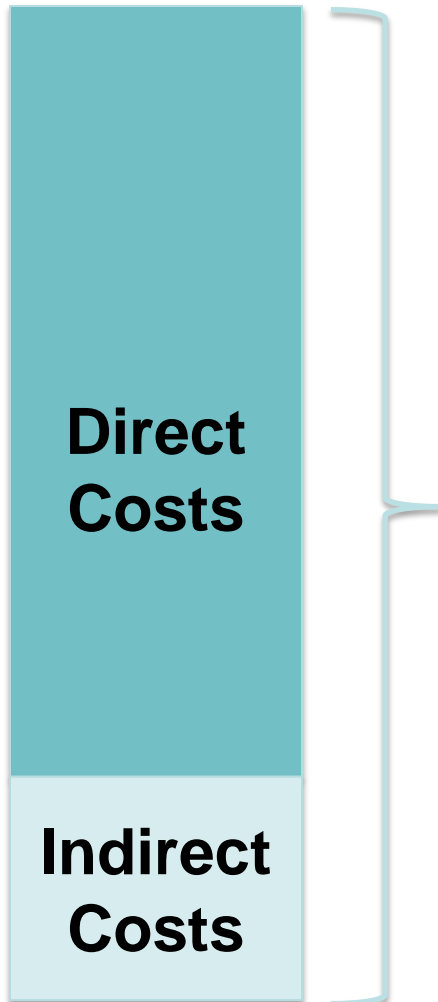


- ✓ ERC frontier research actions = „only excellence“
- ✓ Innovation actions = higher weighting for „impact“

Funding rate

- For “**Research and Innovation actions**“: **100 %**
Indirect costs: 25 % of the direct, eligible costs
(except subcontracting + third parties in-kind contribution not used on the beneficiaries premises)

Funded to 100%



Direct Costs	Indirect Costs	Total	Funding rate	Funding
100 €	25 €	125 €	100 %	125 €

Funding rate

- For „Innovation actions“: **70 %**
„non-profit“ org.: **100 %**
- **Indirect Costs: 25 % of the direct eligible costs**
(except subcontracting + third parties in-kind contribution
not used on the beneficiaries premises)

Generally funded to 70 %

Type of organisation	Direct costs	Indirect costs	Total	Funding rate	Funding
Generell	100 €	25 €	125 €	70 %	87,5 €
Non profit org.	100 €	25 €	125 €	100 %	125 €

Direct
Costs

Indirect
Costs

Overview of cost reporting

•Types of costs:

- Actual costs
- Unit costs
- Flat-rate costs, e.g. for indirect costs

Standard cost categories:

- 1) Personnel costs
- 2) Subcontracting costs
- 3) Other direct costs (e.g. travel expenses, equipment /infrastructure depreciation, services...)
- 4) Indirect costs



Personnel Costs

Actual costs (hourly rate):

- **actual gross costs**
(last completed financial year at the end of the period to be reviewed)
- ***divided by the annual productive hours***
(example: total days in a year 365 – weekends 104 – annual holidays 21 – extra holidays – illness/others 15 = +/- 210)
- **multiplied by the number of hours worked on the project**

Time-keeping records

For employees who spend **100 %** of their working time on the project, written confirmation is sufficient to confirm that they have worked exclusively on the project.

Costs for Subcontracting

Subcontractors

- **Performance and estimated costs** are to be set out and agreed upon in the **GA** or
- Justified necessity and not foreseeable
- Best price-performance ratio or the lowest price
- Consideration of public procurement law, if applicable

Other direct costs

Purchase of goods, works und services:

- Best price-performance ratio or lowest price
- Public procurement law, if applicable

The **Value-Added-Tax (VAT)** is **eligible** provided that it will not be deductible.

Certificate on Financial Statements & Audit

Certificate on the Financial Statements

- Only for funding **≥ 325.000 EUR**
- Are to be submitted **only once at the end of the project**

Audit

- Possible within two years after „Balance Payment“

Liability



- The Consortium is collectively responsible with regards to the project content and implementation.
- **NO financial joint and several liability**
(Guarantee fund)

Open Access

Scientific (peer-reviewed) publications:

- **Open Access as a basic principle** („green“ or „gold“)
- **No “obligation to publish“!**
- beneficiary must aim to deposit research data needed to validate the results
- OA costs are eligible for the duration of the project.

Research data:

- **Pilot “open Research Data Pilot“**

Further information

Horizon 2020 Webpage (EC)

<http://ec.europa.eu/programmes/horizon2020/>

Reference documents (eg. RfP, Model GA, manuals aso):

http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html

Participant Portal

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

3. Science with and for Society

Science with and for Society

- Horizontal theme, not in one of the 3 pillars
- Publication date: 11 December 2013
- WP Science with and for society wants:
 - to build effective cooperation between science and society
 - to recruit new talent for science
 - to pair scientific excellence with social awareness and responsibility

Science with and for Society

- Action lines:
 - Making science education and careers attractive for young people (SEAC)
 - Promoting gender equality in research and innovation (GERI)
 - Integrating society in science and innovation (ISSI)
 - Developing governance for the advancement of responsible research and innovation (GARRI)
- + 0,5% of budgets for SC en IL will be earmarked for RRI/SwafS actions

Gender in H2020

- Gender equality is a commitment for H2020
- 3 objectives:
 - Gender balance in research teams
 - Gender balance in decision-making
 - Integrating gender/sex analysis in R&I content
- Gender included in ranking factors to prioritise proposals with the same scores
- Gender training is eligible cost in projects

4. Marie Skłodowska-Curie Actions and JRC

Marie Skłodowska-Curie actions

- Innovative Training Networks (ITN)

Main EU programme for structured doctoral training

Deadline: 9/04/14; 405 M€

Research and Innovation Staff Exchange (RISE)

To promote international and inter-sectoral collaboration through research and innovation staff exchanges

Deadline: 24/04/14; 70 M€

- Individual Fellowships (IF)

Deadline: 11/09/14; 240 M€

Joint Research Centre

- Scientific and technical arm of the European Commission.
- Provides scientific advice and technical know-how to support a wide range of EU policies.
- Collaboration with MS/AC through:
 - EU projects
 - Partnership agreement: joint research, info sharing
 - Scientific networks: validation, standardisation, technical support

Joint Research Centre

- ~ 3000 staffs
- The Institute for Reference Materials and Measurements (IRMM), Geel, Belgium
- The Institute for Transuranium Elements (ITU), Karlsruhe, Germany
- The Institute for Energy and Transport (IET), Petten, Netherlands
- The Institute for the Protection and Security of the Citizen (IPSC), Ispra, Italy
- The Institute for Environment and Sustainability (IES), Ispra, Italy
- The Institute for Health and Consumer Protection (IHCP), Ispra, Italy
- The Institute for Prospective Technological Studies (IPTS), Seville, Spain

5. Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy (BIO)

BIO

- Deadline (Blue Growth call):
 - 12 March 2014 (two-stage)
 - 26 June 2014 (one-stage)
- The challenge has four lines of activities:
 - Sustainable agriculture and forestry
 - Sustainable and competitive agri-food sector for a safe and healthy diet
 - Unlocking the potential of aquatic living resources (Blue Growth)
 - Sustainable and competitive bio-based industries

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