



HORIZON 2020

Horizon 2020 & Estonia

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- Main features of Horizon 2020
- First calls and lessons learned
- Next work programme
- Estonian participation
- Some tips

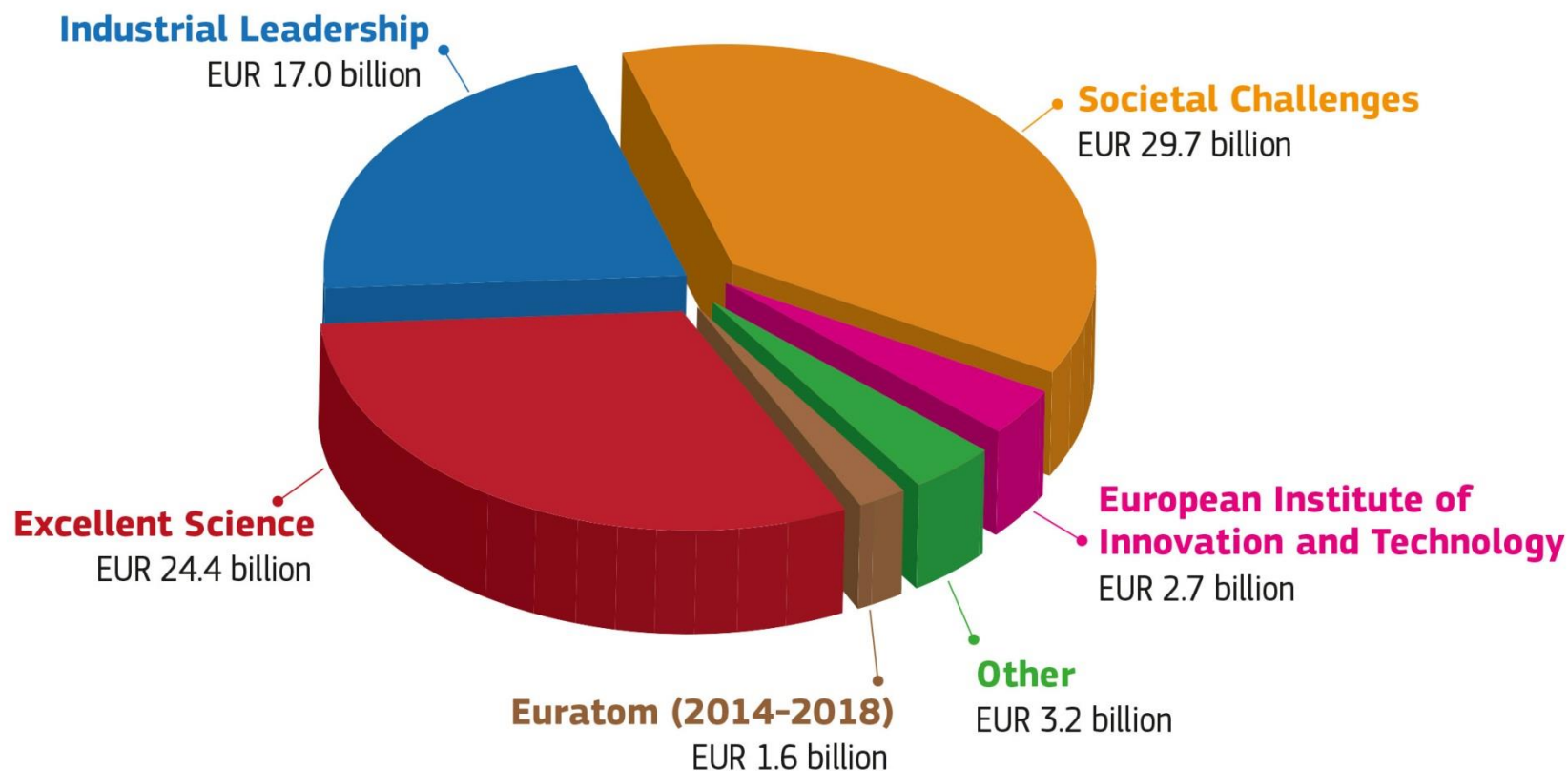
Main features of Horizon 2020

Three priorities



€ 79 billion from 2014 to 2020

HORIZON 2020 BUDGET (in current prices)



What is new?

- **A single programme** bringing together three separate programmes/initiatives*
- **Coupling research to innovation** – from research to retail, all forms of innovation
- **Focus on societal challenges** facing EU society, e.g. health, clean energy and transport
- **Simplified access**, for all companies, universities, institutes in all EU countries and beyond



New approach to work programmes and calls

- **More strategic**
- **Two year work programmes**
(2014-2015: > € 15 billion)
- **Less prescriptive calls**
(64 calls in 2014)
 - ✓ **Broader and fewer topics**
 - ✓ **First call deadlines as from March 2014**



First Horizon 2020 calls 12 focus areas

Some examples:

- ✓ **Personalising health and care**
(€ 543 million - 2015)
- ✓ **Blue growth: unlocking the potential of seas and oceans**
(€ 24 million- 2015)
- ✓ **Overcoming the crisis: new ideas and strategies to overcome the crisis in Europe**
(€ 17 million - 2015)



Strong focus on SMEs

- **20% of budget**
 - ✓ from societal challenges and LEITs
- **New SME instrument**
 - ✓ > € 500 million in 2014-2015
- **Support measures under 'Innovation in SMEs'**
- **Access to risk finance**
- **Participation with Member States (Public-Public)**
Eurostars joint programme



Evaluation criteria

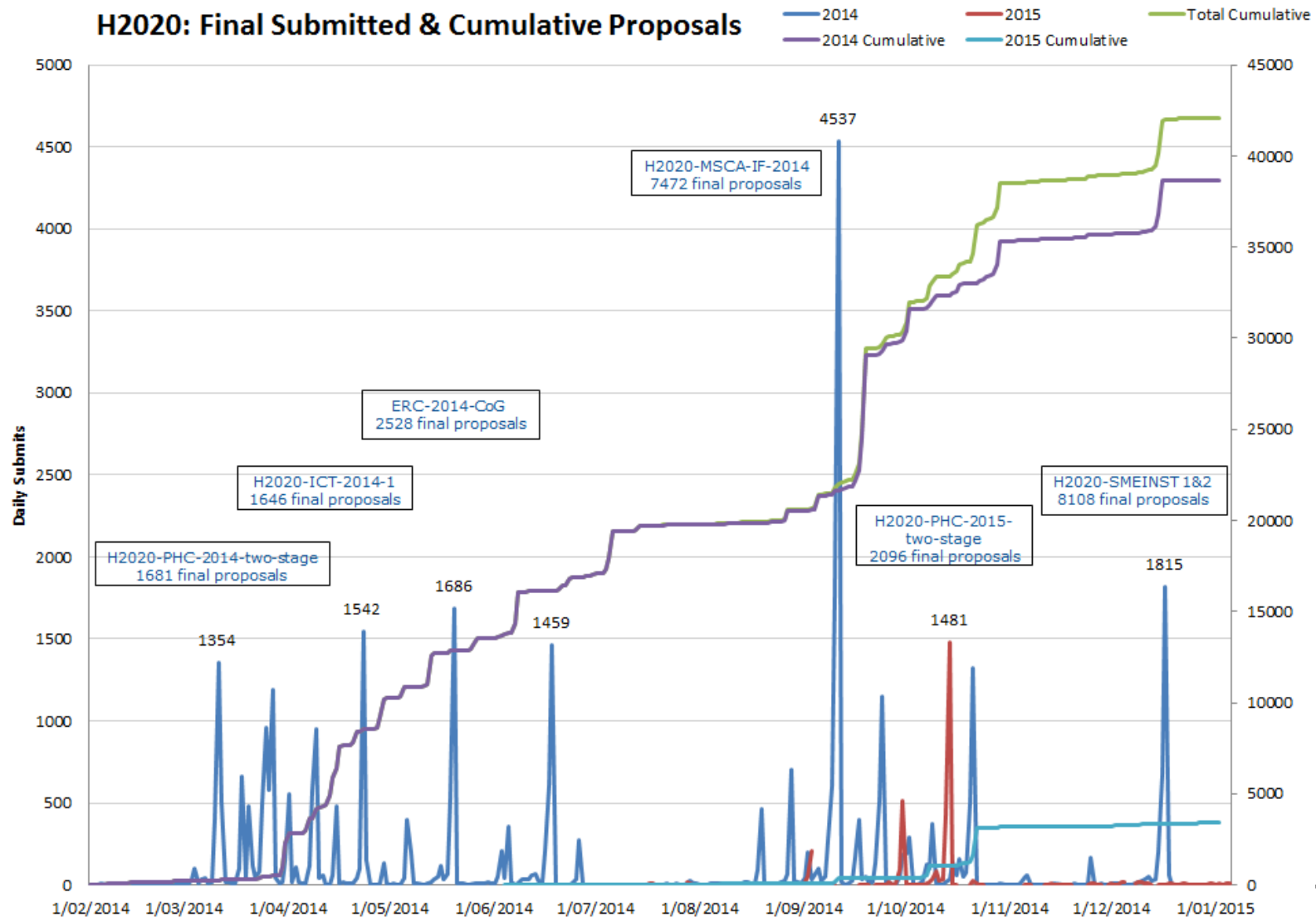


- ✓ **ERC** frontier Research actions >> only EXCELLENCE
- ✓ **Innovation actions** >> higher weighting for "IMPACT"

**Proposal evaluated by the experts "as it is"
and not as "what could be" = no need for negotiation**

First calls and lessons learned

H2020: Final Submitted & Cumulative Proposals



Response to H2020 calls

- More than **2.1 million visits on Participant Portal** in December 2013 and increasing in the following months, **just over 3 million visits**;
- More than **40,000 proposals** submitted by the end of the year;
- Nearly **10,000 expert evaluators** contracted (60,000 experts registered);
- Attracted **newcomers** and evidence of **increase in industry participation**;
- Positive **response to new innovation actions** and **SME instrument**;
- High oversubscription reflect the **popularity of Horizon 2020**.

Lessons Learned from first H2020 Calls

Analysis of the experiences with the first calls with the objectives:

- Take-stock;
- Prepare (necessary) corrective measures;
- Feed into WP cycle for 2016-17.

Based on

- **Statistical analysis of 33 concluded calls** (approx. half of calls launched in 2014, but comprising only ca. 5,250 proposals) covering the first six months of operation;
- Feedback from **Commission services and Executive Agencies;**
- **Observers Round Table;**
- Feedback from **some stakeholders, some Member States and certain NCPs.**

Lessons Learned from first H2020 Calls

Main conclusions and recommendations - Summary

- ✓ **Continue** the **challenge-based approach**, while improving their clarity and tightening impact requirements;
- ✓ Improve **embedding of Social Sciences & Humanities** etc
- ✓ **Increase international cooperation activities** (flagship initiatives, accompanying actions)
- ✓ Make **better use** of the **whole toolbox** of funding instruments;
- ✓ Conduct **further analysis of oversubscription** and devise measures to effectively manage large demand, esp.in two-stage calls;
- ✓ Step-up efforts to **attract experts** and **further improve evaluation process**, esp. impact and innovation
- ✓ **Continue monitoring the implementation of calls** and ensure adequate level of feedback to applicants.

Next work programme

STRATEGIC PROGRAMMING 2016-2017

- Paving the way for the **second Horizon 2020 Work Programme**
- Content based on Horizon 2020 Specific Programme
- Full alignment with 1) the European Council's strategic agenda for the Union in times of change and 2) the political guidelines of the new Commission
 - Input from Member States and consultation through the PC configurations
 - Broad consultation of external stakeholders, including the Advisory Groups
- Introducing the key priorities for 2016-2017, including nine focus areas, structured along the political guidelines
- Work programme due to be published **towards end of September 2015**

Estonian participation

Estonian participation

- In FP7 there were 451 signed grant agreements involving Estonia, with a total EU contribution of €94.26m.
- FP7 success rate was similar to EU average
- In H2020 there are already 41 signed grant agreements, with a total EU contribution of €7,8m.
- The EE applicant success rate (in terms of applicants) is higher than the EU average, but lower in terms of financial contribution.

H2020 Project Participants
Top 100 organisations by EU financial contribution granted to the H2020 research projects
UK - United Kingdom

No.	Legal Name	Activity Type	NUTS code region	Number of Participations	EU Financial Contribution (euro)
1	TALLINNA TEHNIKAULIKOOL	HES	EE	8	2,489,129.77
2	TARTU ULIKOOL (UTARTU)	HES	EE	5	961,504.36
3	TALLINN UNIVERSITY	HES	EE	1	651,281.00
4	SIHTASUTUS EESTI TEADUSAGENTUUR (ETAg)	OTH	EE	9	595,515.23
5	REALEYES OU	PRC	EE	1	492,625.00
6	CYBERNETICA AS (CYBER)	PRC	EE	1	324,250.00
7	OÜ TESTONICA LAB (TL)	PRC	EE	1	305,512.50
8	ESTROTECH OU (ESTROTECH)	PRC	EE	1	226,264.68
9	BIOGOLD OU	PRC	EE	1	224,000.00
10	MITTETULUNDUSUHING TARTU REGIOONI ENERGIAAGENTUUR (TARTU REGIONAL ENERGY AGENCY)	OTH	EE	2	181,122.50

Tips and advice

- H2020 is highly competitive
 - But it is not a lottery! – good proposals stand a good chance of being selected
- Prepare yourself in good time. Contact your NCPs
- Check the eligibility criteria
- Align your proposal with the work programme
 - “Squeezing” a marginally relevant proposal into call never works!
 - Don’t forget the ‘expected impact’
- Follow the proposal template
- Put yourself in the mind of the experts
 - Ask a disinterested colleague look at your proposal, using the Commission criteria
- Be clear and concise, and obey the page limits
- Submit early! You can revise your proposal once it’s uploaded

For further information

- **Participant Portal**

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

- **Helpdesk**

<http://ec.europa.eu/research/enquiries>

- **Expert evaluators needed!**

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

- **Learn more about Horizon 2020**

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

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Thank you for your attention!