

HORIZON 2020



Get Ready for Horizon 2020

A Brief and Simple Introduction to the Framework Programme

Katharina Horst | PROSUD Info-Session | 10/02/2015

LUXINNOVATION



New Study Finds It Is Impossible To Lose Weight, No One Has Ever Done It, And Those Who Are Trying Should Give Up

NEWS • Science & Technology • Health • Diet & Weight • ISSUE 49•24 • Jun 10, 2013



Share on Facebook

31.9K



Share on Twitter

1.2K



196



BEFORE



AFTER

Researchers say losing weight is scientifically impossible and that this, above, is the result of every single attempt to



Analytics



SEO



Social Network



SEA

WWW.ETEAMSYS.COM

RECENT NEWS

Band Dreams Of One Day Becoming Popular Enough To Alienate Early Fans

Man Sort Of Curious What His Last Straw Is Going To Be

High School Sweethearts To One Day Tell Grandchildren How They Met During Lockdown

Chinese Citizens Gather In Beijing Square To Watch U.S. National Debt Clock Strike \$18 Trillion

Some statistics (to prove the contrary)

Under FP7, Luxembourg organisations participated successfully. This continues in H2020...

- 2007-2013: 224 projects with LU participants (54.7 m€ - 37.9 m€ for NON-research)**
- H2020 2014: Over 30 projects with LU participants (about 15 m€ financial return)**

The Horizon 2020 Rationale

➤ **EFFICIENCY, ERA and SUBSIDIARITY**

The Horizon 2020 Rationale



7 INNOVATION = (INTELLIGENT) GROWTH

Five reasons to participate (including the money)

Being clear about one's motivation is a key prerequisite for a successful proposal (and project)

- **Excellence** Proof of applicant's maturity & skills; highlighting specific expertise
- **Networking** Develop innovation capabilities and benefit from other's expertise
- **Impact** Address scientific & economic issues in European partnerships
- **Market** International consortia give project more visibility & credibility vis-à-vis investors & customers & help share risk
- **Funding** Advantageous funding rates (70% or 100% of eligible costs + 25% indirect cost)

Horizon 2020: General structure

Horizon 2020 is comprised of three main parts, covering the whole R&D and innovation lifecycle

- **Excellent Science:** European Research Council, Marie Curie, FET
- **Industrial Leadership:** Key Enabling Technologies (ICT, Nanotech, Materials, Space, Biotechnology)
- **Societal Challenges:** predefined call topics, consortia

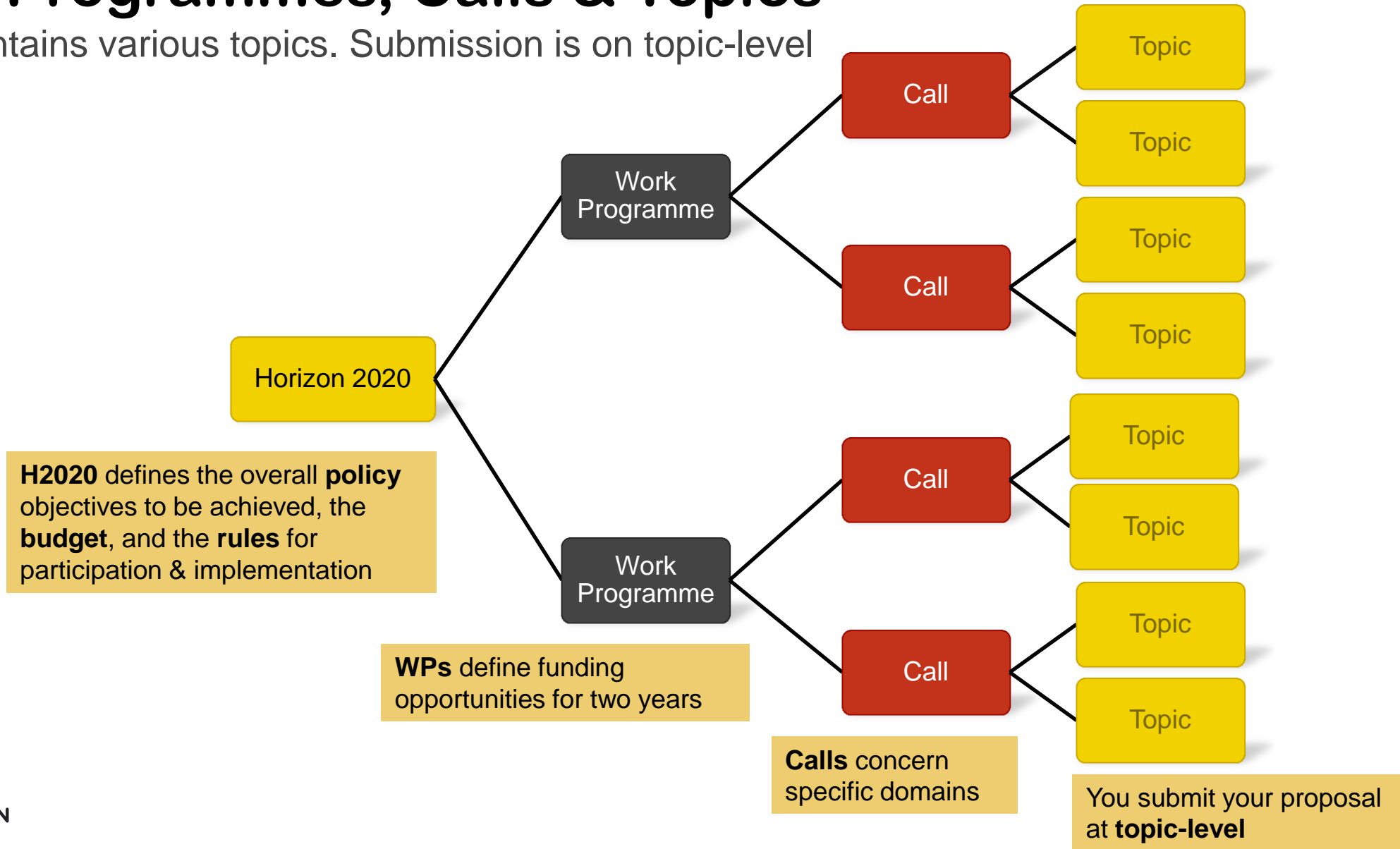
What is a Horizon 2020 project?

Some key characteristics of a EU research & innovation project

- **Research and Innovation Action, Innovation Action, Coordination and Support Action**
- **Partnerships:** across borders, across disciplines, across sectors
- **Timeline:** mostly 3 years (common sense, experience... & budget)
- **Extreme range of subject matters!** Navigate the Participant Portal

Work Programmes, Calls & Topics

A Call contains various topics. Submission is on topic-level





On this site you can find and secure **funding** for projects under the following EU programmes:

- **2014-2020** Horizon 2020 - research and innovation framework programme
- **2007-2013** 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)
- Research Fund for Coal & Steel, COSME, 3rd Health Programme, Consumer Programme

Non-registered users

- search for funding
- read the H2020 Online Manual & download the

Registered users

- submit your proposal
- sign the grant

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

THREE STEPS TO A WINNING PROPOSAL



1. Understanding the Scope

- **Fit the call description, address the challenge set in the call**
- **Present measurable, credible and feasible objectives**
- **Show the ambition of the project, its innovation potential**

2. Arguing the project's impact

- How the project's outputs will contribute at European/international level
- Use quantified targets and indicators
- Show: project's impacts = impacts foreseen by the EU Commission
- Include communication plans and handle results (IPR)

Getting your facts & figures right for implementation

- Show coherence and appropriateness of resources
- Describe Work Packages and tasks
- Establish a project management structure & decision-making
- Make sure all partners complement each other

A word on timing

- Rule of thumb: three months.
- Time-to-grant (TTG): 5 + 3 months
- Peruse Work Programmes to gain overview of topics for next years

- ✓ Find partners
- ✓ Exchange and even meet with them
- ✓ Distribute tasks and roles
- ✓ Set up a project budget.
- ✓ Draft, review & edit proposal
- ✓ Submit it online

Participation strategies

Participation in consortium-type projects takes place on two levels

- Coordinating a project
- Participating in a project



EXAMPLE: SMART CITIES AND COMMUNITIES CALLS 2014-2015



Smart Cities and Communities (SCC) – lessons learnt

What we found after reading the SCC-2014 Evaluation Summary Reports

- **Fit the scope of the call!**
- **Choose your partners wisely! (“full value chain of stakeholders”)**
- **Show your sphere of influence (lighthouse city vs follower city, political commitment)**
- **Manage ambitions & the budget wisely (quantify)**

Smart Cities and Communities (SCC) – 2015 opportunities

Part of Societal Challenge 3: Secure, clean and efficient energy

- **Energy efficiency:** buildings and consumers, heating and cooling, industry and products, finance for sustainable energy
- **Competitive low carbon energy:** modernising the European electricity grid, social and economic aspects of the energy system...
- **Smart Cities and Communities:** enhancing the roll-out of SCC solutions by stimulating the market demand

Lighthouse projects

- *Low energy districts*
- *Integrated infrastructures*
- *Sustainable urban mobility*

Conditions

- *Consortia: industry & cities*
- *2-3 cities involving 2-3 follower cities*
- *Part of ambitious urban plan*
- *Funding from other parts secured*
- *Affordable solutions*
- *Interoperability – no lock-in!*
- *Contributions to data collection*



SCC1 - Smart Cities and Communities: Lighthouse projects

- **Type of action:** Innovation Actions
- **Indicative budget distribution:** EUR 108.18 million from the 2015 budget
- **Single stage proposals**
- **EU contribution:** between EUR 18 to 25 million
- **Date of publication:** 10 December 2014
- **Call deadline:** 05/05/2015

More information:
[Call Smart Cities and Communities](#)
[European Commission presentation](#)

Conclusion

- **Horizon 2020 can offer opportunities for all types of organisations – provided that strategy & EU opportunities have been matched**
- **Projects receive substantial funding, and integrate you in wider EU networks with top players in your field.**
- **An initial investment (time) has to be made to identify opportunities & understand requirements (but help is at hand)**

Further links and resources

- 7 **CORDIS**: database on past EU-funded research projects
- 7 **Luxembourg participation in EU R&I projects**: 25 stories from nearby
- 7 **Horizon 2020 participant portal**: go-to address for all information & submission
- 7 **Horizon2020.lu**: the national website with infos, events, a newsletter, contacts...

Katharina Horst

European Funding Programmes

LUXINNOVATION GIE

7, rue Alcide de Gasperi
L-1615 Luxembourg

T (+352) 43 62 63 – 1 (ext 663)
katharina.horst@luxinnovation.lu

TWEET: @NCPHORIZON2020

WEB: HORIZON2020.LU



www.luxinnovation.lu



[www.linkedin.com/
company/luxinnovation-gie](http://www.linkedin.com/company/luxinnovation-gie)



[www.facebook.com/
Luxinnovation.Making.Innovation.Happen](http://www.facebook.com/Luxinnovation.Making.Innovation.Happen)



[www.twitter.com/
Luxinnovation](http://www.twitter.com/Luxinnovation)

Thank you!
Questions and answers