




Career development and funding opportunities

52nd NBS Contact Meeting, Tromsø 22 January 2016
The Research Council of Norway





The Research Council of Norway at the 52nd NBS Contact Meeting

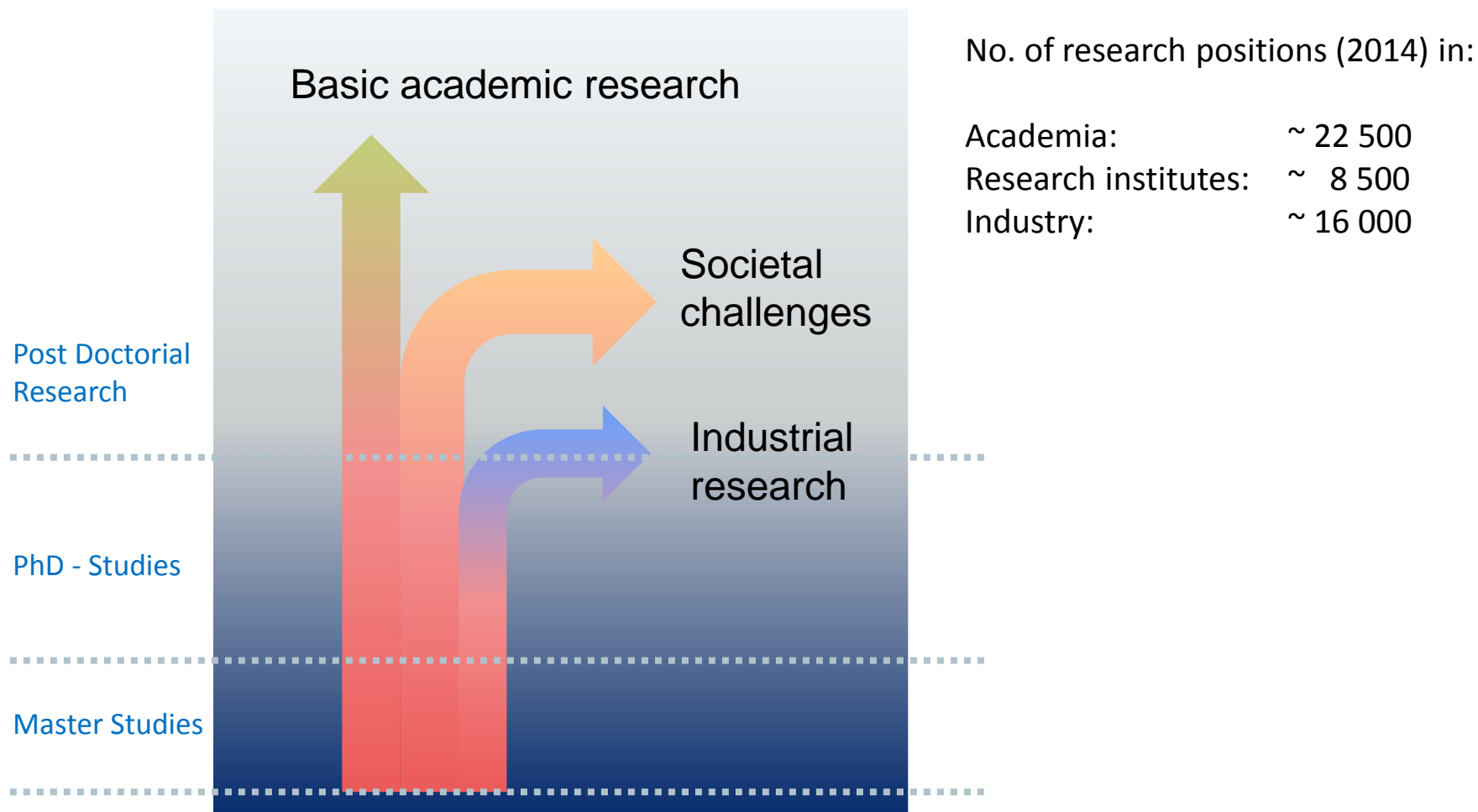
Name		Department	Roles/tasks	
	Lars P. Korsnes	Challenge-driven Innovation	<ul style="list-style-type: none"> • BIA-Programme for User-driven Research-based Innovation -Biomedicine • Biotechnology 	<ul style="list-style-type: none"> • Co-NCP H2020 SC1 - Health, demographic change and wellbeing
	Cecilie A. Mathiesen	Enabling Technologies	<ul style="list-style-type: none"> • NANO2021 Lifesciences and Health • Research infrastructure (INFRA) • Synchrotron and neutron Research (SYNKNØYT) 	<ul style="list-style-type: none"> • NCP Horizon 2020 FET • ERA-NET EuroNanoMed II
	Berit Sundby Avset	Medicine, Natural Sciences and Technology	<ul style="list-style-type: none"> • FRIMEDBIO • FRINATEK • FRIPRO mobilitetsstipend 	<ul style="list-style-type: none"> • NCP Horizon 2020 - ERC • NCP Horizon 2020 - MSCA

1. Research funding in a nutshell

This brief introduction will

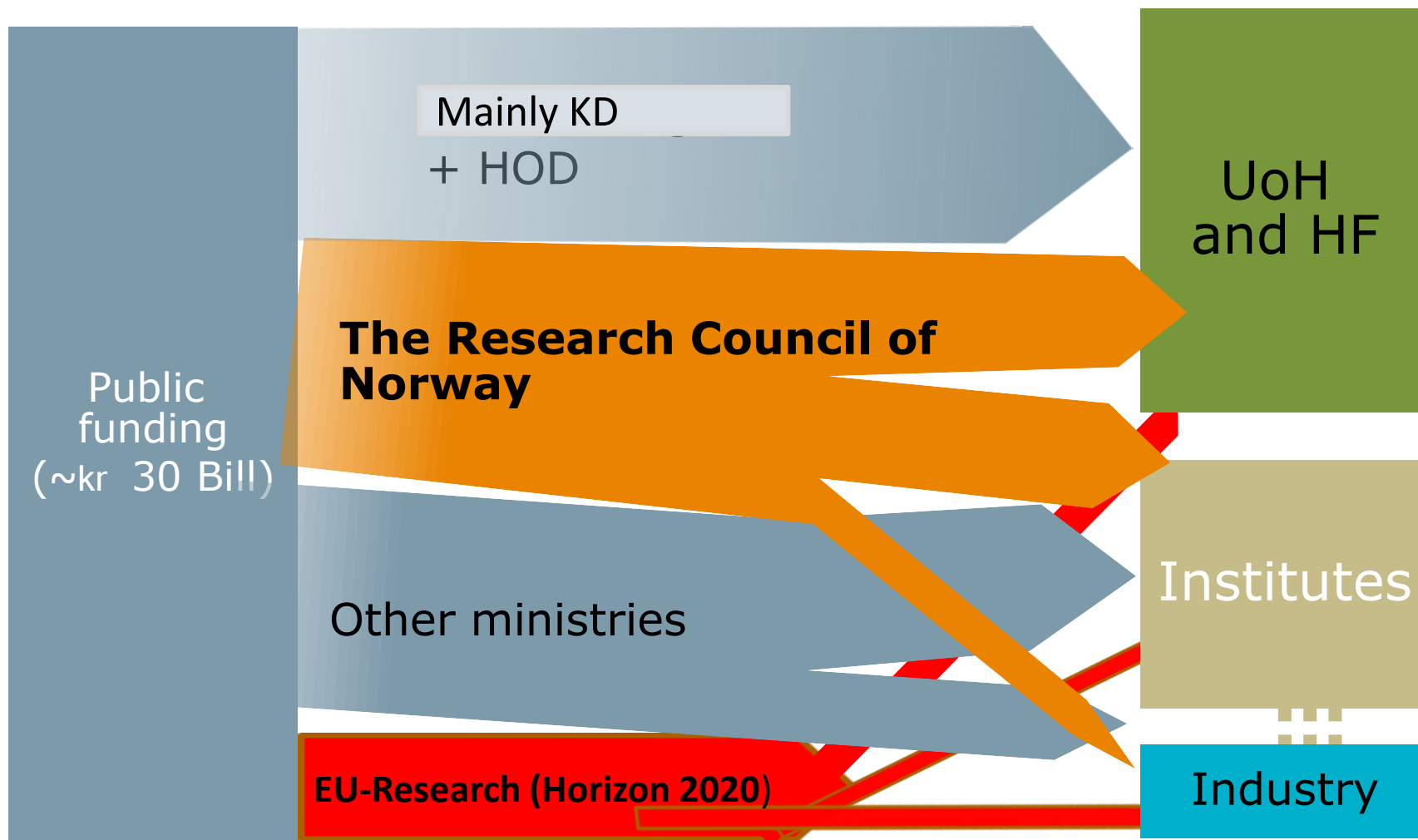
- give an overview of the sources for funding research in Norway and in the EU
- touch upon the research policies governing the *research priorities*
- Pointing to *relevant funding instruments* for the universities, colleges and Regional Health authorities from
 - the Research Council of Norway
 - Horizon 2020 - the EU framework programme for Research

Fokus: Research funding opportunities and Career development - for all parts of the society



Public Research funding in Norway – approx. 30 bill NOK/year

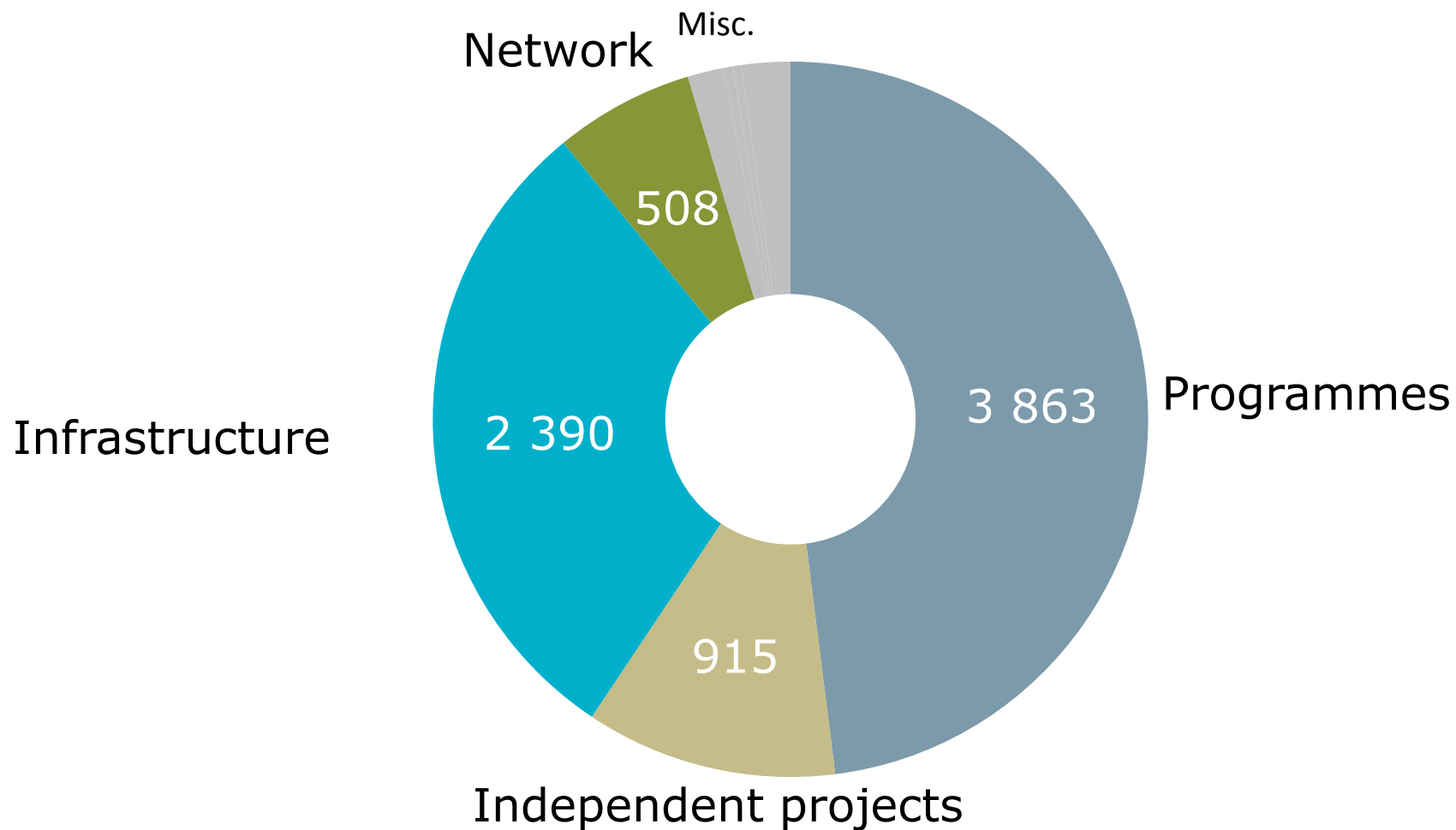
Approximately 30% through the Norwegian Research Council



The Research Council's roles

- Adviser to the government
- Research funding
 - Support basic research
 - Implement national thematic priorities
 - Support private R&D
- Networking and dissemination
- Internationalization

Total budget by activities (mill NOK - 2014)



Total NOK 8048 mill. administration incl.

Open programmes - “Bottom up”

Budget 2016

FRIPRO

900 mill NOK

INFRA

900 mill NOK



BIA

User-driven innovation

650 mill. kr



FORNY2020

Research based
verification

123 mill. kr



**Industrial and
Public Ph.D.**

50 mill. Kr +



VRI

Regional R&D and
innovation

61 mill. kr

Examples of Large thematic programmes

Quality, capacity, innovation, internationalisation

Large programs

The Research Councils support to Nationally prioritized areas



BIOTEK2021

150 mill. kroner



NANO2021

125 mill. kroner



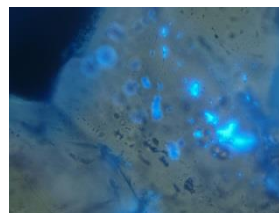
IKTPLUSS

162 MNOK



HELSEVEL

131 mill. kroner



PETROMAKS2

268 mill. kroner



KLIMAFORSK

154 mill. kroner



HAVBRUK

151 mill. kroner



ENERGIX

389 mill. kroner

Centre schemes

- long term, solid financing



Centres of Excellence (SFF)

21 centres, basic research aimed at enhancing the quality of research



Centres for Research-based Innovation (SFI)

21 centres, industrially oriented research, cooperation between innovative companies and top research groups



Centres for Environment-friendly Energy Research (FME)

11 centres, research to solve specific challenges; renewable energy and CCS

Internationalization

- EUROSTARS – European SME collaboration
- Horizon 2020
- PES – Project Establishment Support
- NCP = **National Contact Points for H2020**
 - NCPs for each thematic area


National Contact Points (NCP)



NCP for each thematic area under Horizon 2020

Contact:

www.forskningsradet.no/horizont2020

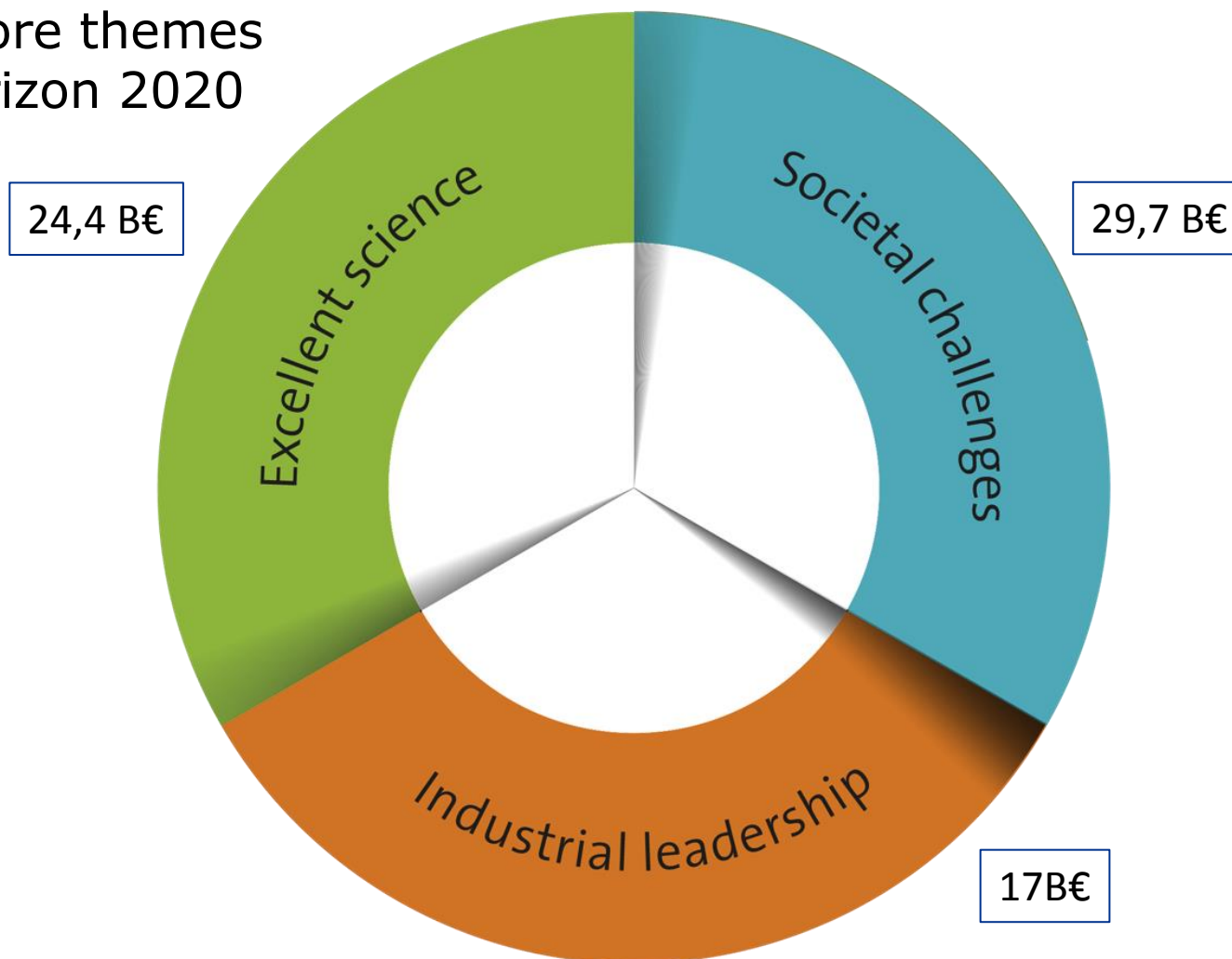


Horizon 2020 will use three core themes
to maintain Europe's position as one of the
world's leading innovative regions

H2020: A stronger, clearer focus

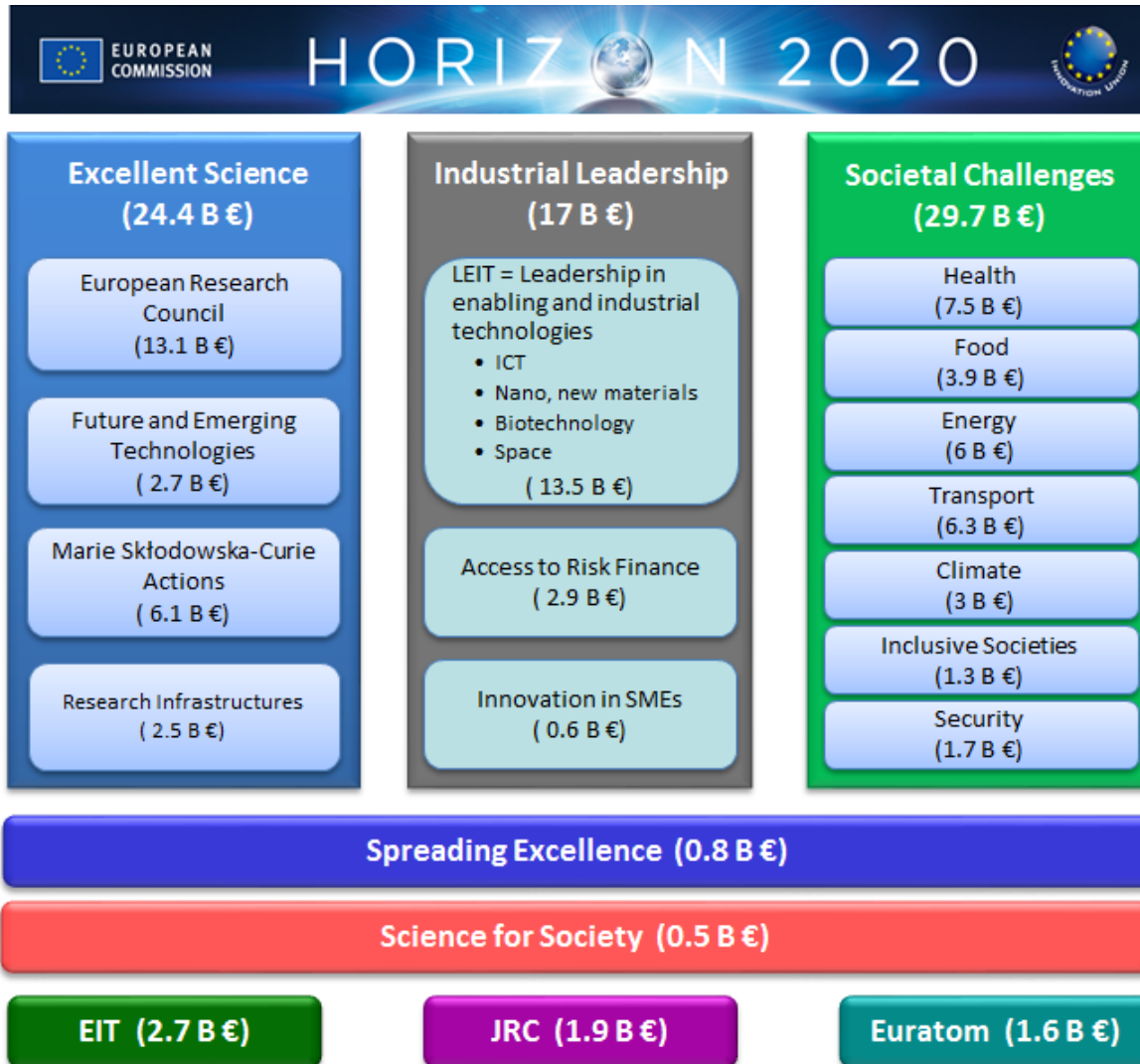
Budget: 77B€ (2014-2020)

The core themes
of Horizon 2020



OTHERS: 5,8B€ (Spreading excellence & widening participation, Science & Society, JRC, EIT)

Health is everywhere in H2020



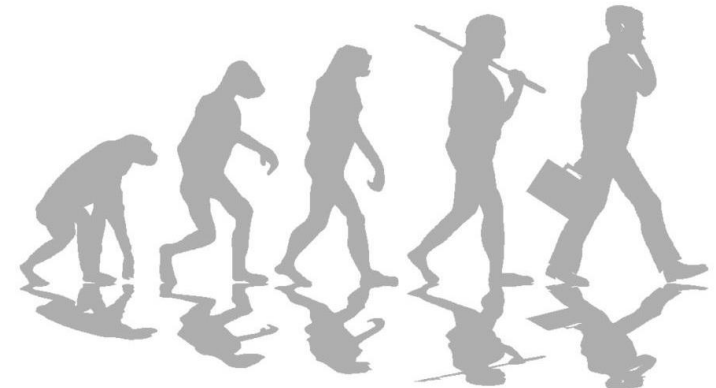
The government is asking for a higher return

Opportunities in Horizon 2020

- Activities under the programme range from the very best in basic research to piloting efforts for trade and industry
- Your motivation should be more than just getting your career or research funded
 - Mobility, co-publication and enhanced quality in research
 - Knowledge, networks and competencies
 - Value chains and markets

2. Career opportunities for the young and the "not-so-young" – building and maintaining a competitive CV

- Why we want to talk to you about your CV
- Opportunities for
 - PhDs
 - Postdocs
 - Experienced researchers (Professors)
- Funding from:
 - Marie Skłodowska-Curie Actions
 - ERC
 - COST actions
 - FRIPRO



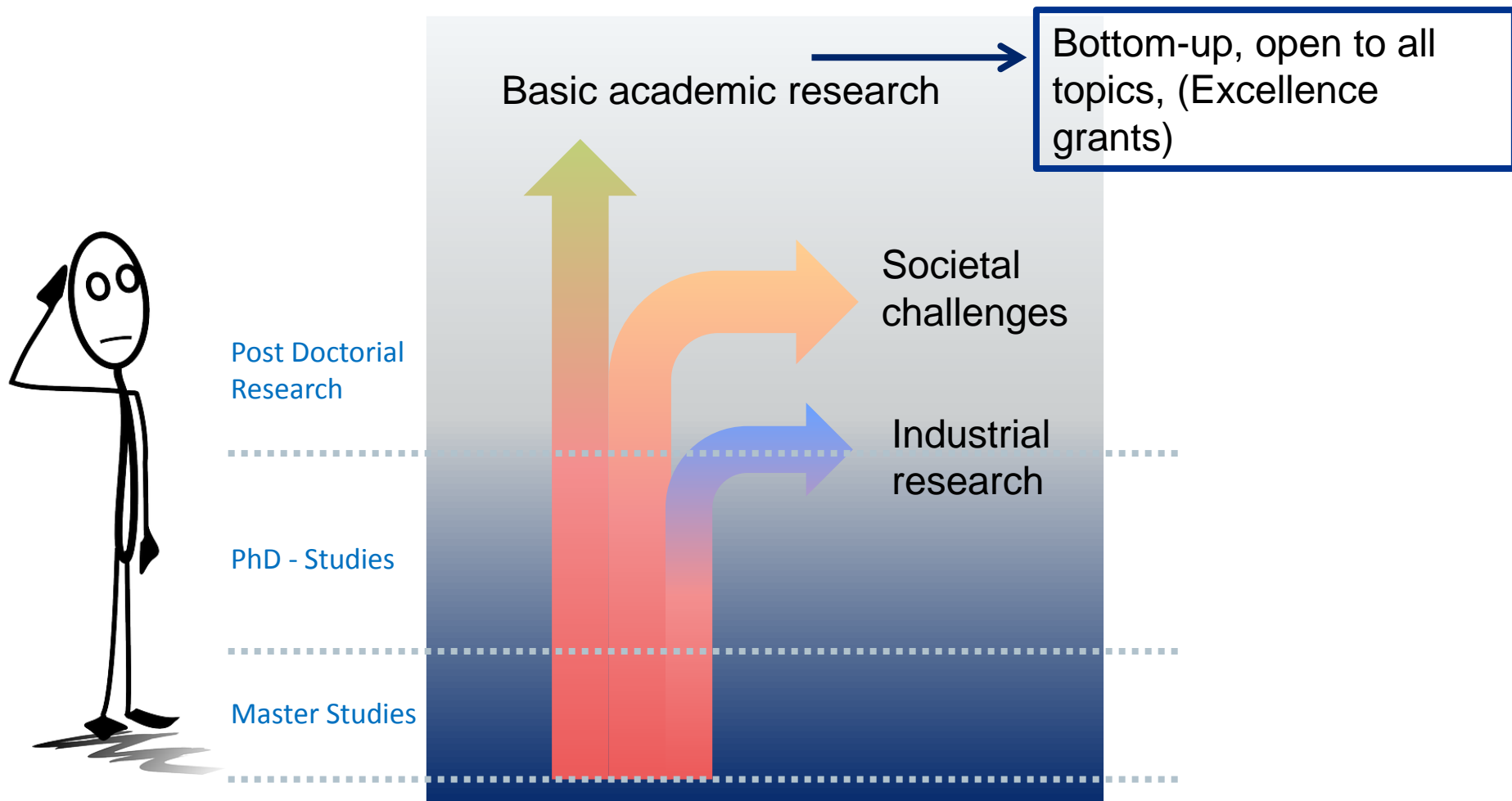
Important research policy goals:

- Encourage the most talented young people to pursue a career in research
- A higher number of Norwegian researchers and research groups recognised as being at the international forefront
- New knowledge and results from research must be used to solve the societal challenges and to maintain competitive industries
- Your tax money is spent on Horizon 2020 projects, we want a larger fraction to be returned to Norwegian project beneficiaries.



«Career»

An individual's journey through learning, work and other aspects of life (wikipedia)



International
network

Get funding for PhD and
postdoc positions in my group

What is your goal?

High profile
grants

International
mobility

Get the Nobel prize

www.euraxess.eu

PhD

Looking for a position...

- PhD positions at the universities
- PhD positions in **MSCA International Training Networks**
- PhD positions in **MSCA COFUND Doctoral Fellowships**
- **Industrial PhD or Public sector PhD**

Postdoc

- **MSCA Individual fellowship**
- Position in **MSCA COFUND Postdoctoral fellowship**
- **FRIPRO Mobility grant**
- Postdoc positions at the universities

Looking for money to hire someone..

Professor

- **MSCA Individual fellowship**
- **MSCA International Training Networks**
- **ERC grants**
- **FRIPRO young talents and researcher grants**
- **H2020... and other Research Council grants**

Marie Skłodowska-Curie Actions

The European Research Council

The Research Council of Norway

MOBILITY AND NETWORKING



FRIPRO Mobility Grant
Individual fellowships



Marie Skłodowska-Curie
Training and mobility



Research Infrastructures
Transnational access



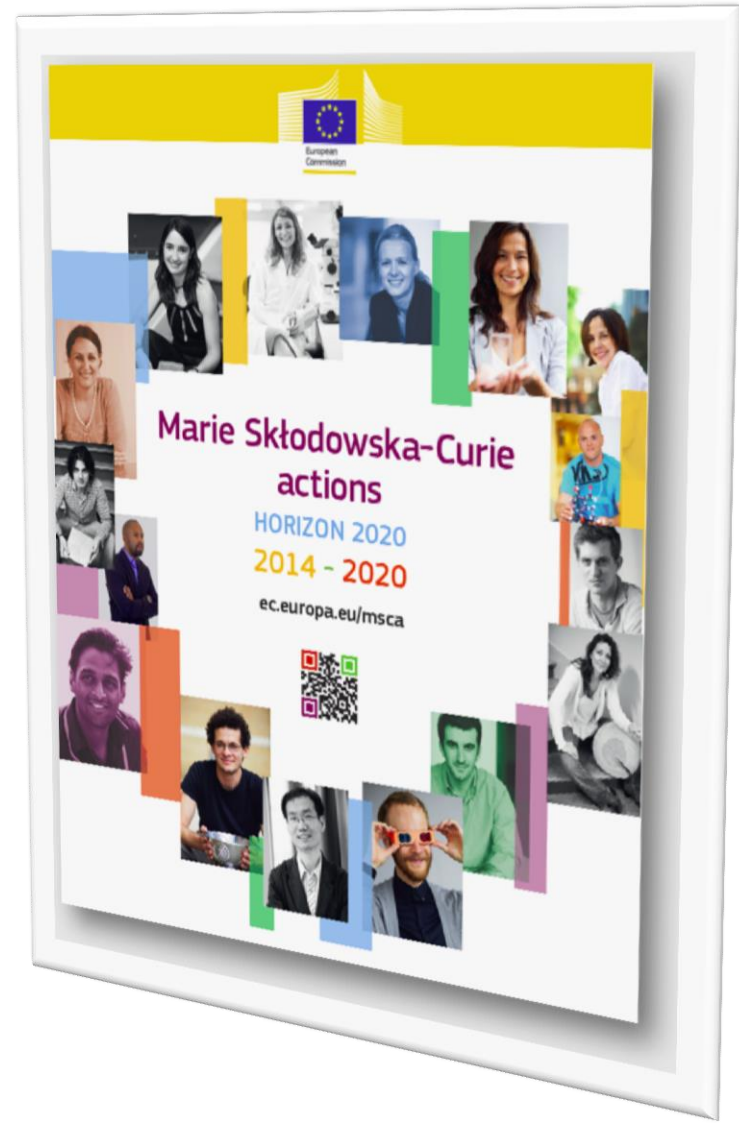
COST actions
Network funding

Marie Skłodowska-Curie Actions

Key features

Career development
and mobility

- Open to **all domains of research and innovation**
- Entirely **bottom-up**, you decide topic
- **Mobility** as the key requirement
- Particular attention to **gender balance**
- **Public engagement** of supported researchers
- Participation of **non-academic sector** strongly encouraged, especially industry and SMEs



Marie Skłodowska-Curie Actions

call
deadlines

Innovative Training Networks	ITN	Doctoral and initial training	12. Jan 2016
Individual Fellowships	IF	Support for experienced researchers undertaking international and inter-sector mobility	14. Sept 2016
Research and Innovation Staff Exchange	RISE	International and inter-sector cooperation through the exchange of staff	28. Apr 2016
Co-funding of programmes	COFUND	Co-funding of regional, national and international programmes: - doctoral programmes - fellowship programmes	

All PhD and postdoc positions funded through ITN and COFUND must be published at www.euraxess.eu

Marie Skłodowska-Curie Actions

Research networks (ITN)

Salaries++ for phd-students

European Training Networks (ETN)

- Minimum 3 beneficiaries
- Minimum 3 countries
- Up to 540 ESR months

European Industrial Doctorates (EID)

- Minimum 1 academic and 1 non-academic beneficiary
- Minimum 2 countries
- Up to 180 ESR months (540 if 3 or more beneficiaries)

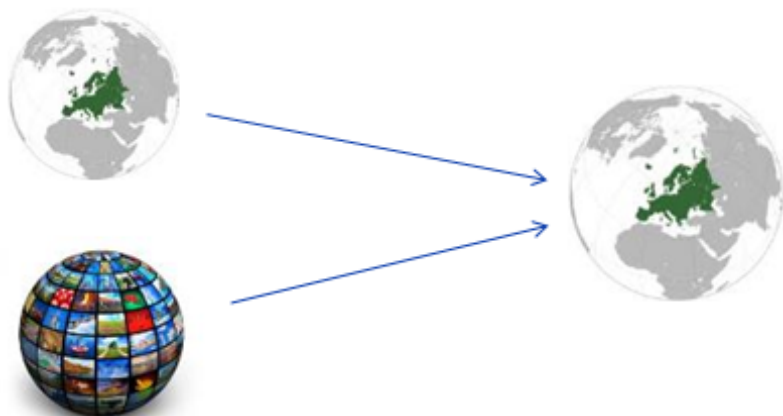
European Joint Doctorates (EJD)

- Minimum 3 academic beneficiaries
- Minimum 3 countries
- Up to 540 ESR months

Common features:

- Only Early Stage Researchers (ESR) recruited
- Maximum project length = 48 months
- Maximum ESR contract length = 36 months
- Collaboration between academic and non-academic sectors essential

Individual Fellowships (IF)



European
Fellowships

- 12 -24 months
- From all countries to Europe (MS/AC)

Global
Fellowships



- 12 -24 months, plus 12 months returnphase
- For European researchers*

Salaries for experienced researchers

<https://ec.europa.eu/programmes/horizon2020/en/h2020-section/marie-sklodowska-curie-actions>

MOBILITY AND NETWORKING



FRIPRO Mobility Grant
Individual fellowships



Marie Skłodowska-Curie
Training and mobility



Research Infrastructures
Transnational access



COST actions
Network funding

FRIPRO Mobility Grant

- All research field
- 0-6 years after PhD
- 2 years abroad + 1 year in Norway
- Open for all Norwegian research institutions
- The Norwegian institution will be the employer during the whole fellowship
- Collaboration agreement with the institution abroad
- Open to PIs of all nationalities
- Calls in 2014, 2015, 2016
- 14 fellowships/call

FRIPRO

- Common call deadline
- Common evaluation process

25. May 2016

Other application types:

- Young Research Talents
- Researcher projects



Co-funded by the
FP7 Marie Curie COFUND
action of the
European Union

For more information about all application types:

<http://www.forskningradet.no/fripro>

MOBILITY AND NETWORKING



FRIPRO Mobility Grant
Individual fellowships



Marie Skłodowska-Curie
Training and mobility



Research Infrastructures
Transnational access



COST actions
Network funding

Research Infrastructures – Transnational Access



- *Transnational Access*-funding:
 - Funding from «Integrating Activities» in the RI-programme for giving access to external researchers to the infrastructures belonging to a project
 - Covers travel, subsistences, training and user costs
 - Calls are published on the web-pages of the individual projects (not through the H2020 participant portal)
- Find information on projects and calls for *Transnational Access* at: http://www.rich2020.eu/tas_calls

MOBILITY AND NETWORKING



FRIPRO Mobility Grant
Individual fellowships



Marie Skłodowska-Curie
Training and mobility



Research Infrastructures
Transnational access

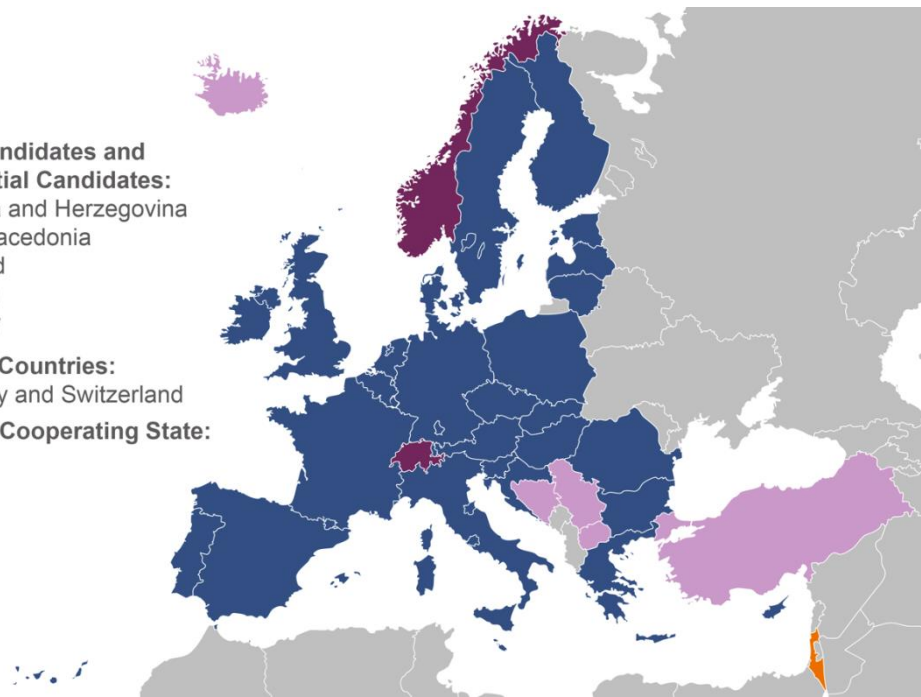


COST actions
Network funding



- Financing for Networks
- Open to all scientific areas
- The networks - COST Actions – must have a clear objective
- Funds meetings, short research visits and conferences, but NOT the research
- Open – researchers from all member countries can sign up for new networks
- Two annual deadlines: march and september

- EU 28
- EU Candidates and Potential Candidates:
Bosnia and Herzegovina
FYR Macedonia
Iceland
Serbia
Turkey
- Other Countries:
Norway and Switzerland
- COST Cooperating State:
Israel



Norwegian COST-contact: Trude
Dypvik, Forskningsrådet tdy@rcn.no

More info: www.cost.eu and on Forskningsrådets web

CAREER TRACK



0–2 YEARS
AFTER PHD



2–7 YEARS
AFTER PHD



7–12 YEARS
AFTER PHD



VERY
EXPERIENCED
RESEARCHER



THE RESEARCH
COUNCIL OF
NORWAY

2–8 YEARS AFTER PHD
FRIPRO Young Research Talents

0–6 YEARS AFTER PHD
FRIPRO Mobility Grant

> 6 YEARS AFTER PHD
FRIPRO Researcher project

EUROPEAN
RESEARCH
COUNCIL

2–7 YEARS AFTER
Starting Grant

7–12 YEARS AFTER
Consolidator Grant

TEN YEAR TRACK RECORD
Advanced Grant

EU

MARIE SKŁODOWSKA-CURIE ACTIONS



European Research Council
Established by the European Commission



Creative ideas have no limits
ERC, funding blue sky research

The European Research Council (ERC)

Starting Grants

starters
(2-7 years after PhD)
up to € 1,5 Mio
for 5 years

Consolidator Grants

consolidators
(7-12 years after PhD)
up to € 2,0 Mio
for 5 years

Advanced Grants

track-record of
significant research
achievements in the
last 10 years
up to € 2,5 Mio
for 5 years

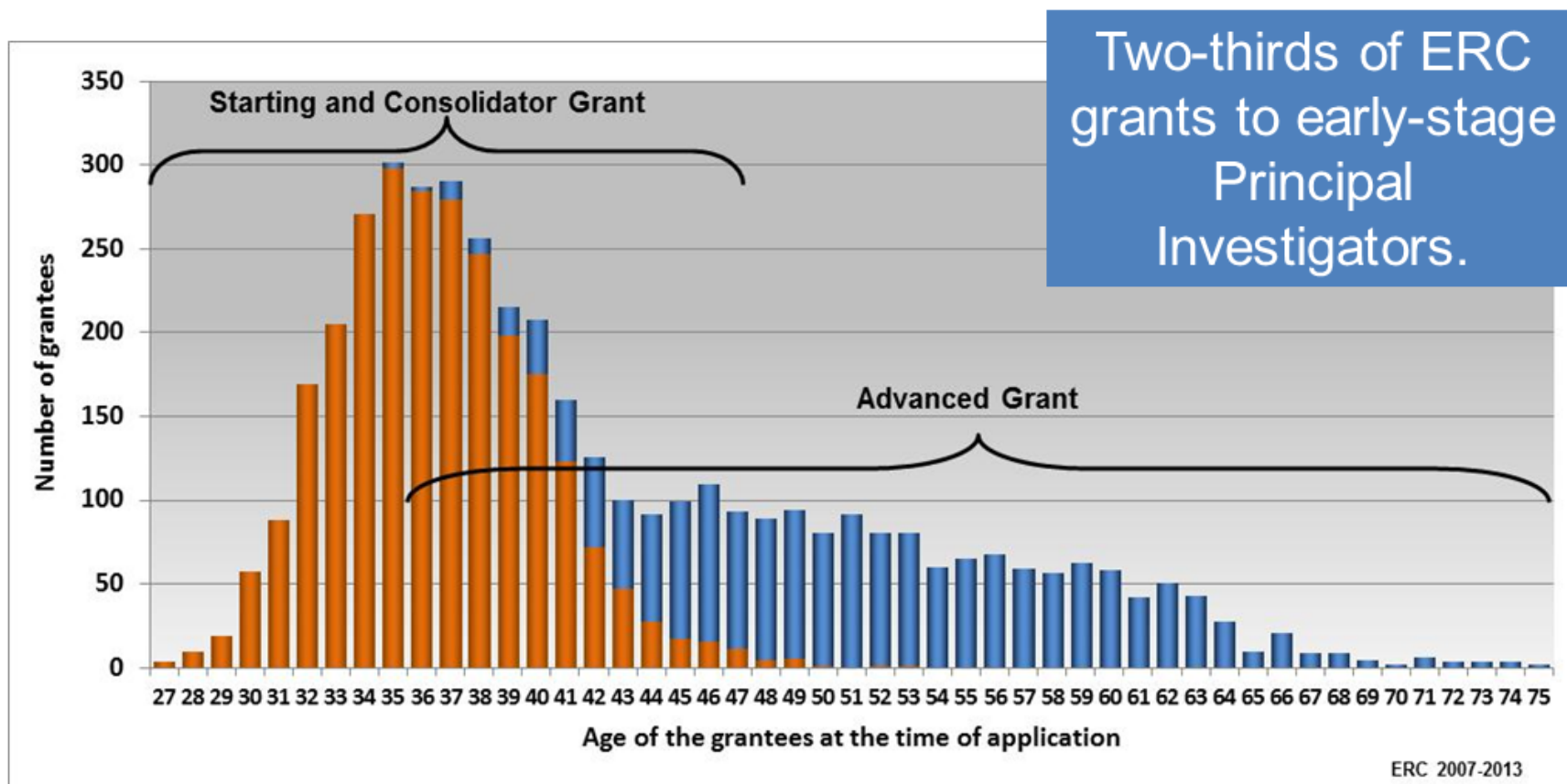
Proof-of-Concept

bridging gap between research - earliest
stage of marketable innovation
up to €150,000 for ERC grant holders

<http://erc.europa.eu/>



Priority to Young Scientists



ERC Calls - 2016

Calls	Call Opens	Deadline(s)	Budgets million EUR (estimated grants)
Starting Grant ERC-2016-StG	29 Jul 2015	17 Nov 2015	485 (335)
Consolidator Grant ERC-2016-CoG	15 Oct 2015	2 Feb 2016	605 (335)
Advanced Grant ERC-2016-AdG	24 May 2016	1 Sep 2016	540 (235)

The opening dates and deadlines are indicative

Start planning your application early!
**Discuss your research idea and your CV with
your peers, the EU-advisers at your university, the NCPs**

If you do not make it till the second stage, quaranteene for 1 or 2 years
Do reapply!!



Industrial PhD and Public sector PhD

- The PhD is hired by a company/public sector
- The company/public sector applies for the funding (appr. 1,5 mill for 3 to 4 years)
- Company/public sector funds 50%
- The candidate are enrolled at a university and must spend at least one year at the university and one year at the company/pubsec. Supervisor at both company/pubsec and university
- Open for all thematic areas
- Open submission (no call deadline)
- www.nfr.no/naeringsphd
- www.forskningsradet.no/offphd





EURAXESS Researchers in Motion

[European commission](#) > [Euraxess](#)



EURAXESS - Researchers in Motion is a unique pan-European initiative providing access to a complete range of information and support services to researchers wishing to pursue their research careers in Europe or stay connected to it.

www.euraxess.eu

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Employers and funders have jobs and fellowships up for grabs.

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PROPERTY RIGHTS**



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ACCOMMODATION



Get support to deal with
VISA FORMALITIES



Know more about
**FAMILY/
PREGNANCY**



Know more about
TAXATION



Get support to
properly deal with
your
SOCIAL SECURITY

- 200 European EURAXESS Service Centres assist you with practicalities

- Information:
National web sites
EURAXESS Norway
EURAXESS Links



Get
**INFO ABOUT
COUNTRY/CITY**

Part 3 - Calls and application deadlines for research projects in Horizon 2020 and the Research Council of Norway in 2016 and 2017

- The new work programmes for H2020 for the period 2016-2017 published in October 2015
 - Financial support before proposal and additional H2020 project support
 - Type of actions (RIA, ERA-NET cofund, JPIS)
- We will provide a brief overview of the topics most relevant for the conference participants
 - how to read and understand a call text.
 - Show relevant topics, grant sizes and the deadlines
- We will give an overview of relevant calls from the Research Council in 2016

Funding from
the Research
Council is
available for
the following:



For more information: [http://www.forskningsradet.no/prognett-horisont2020/Sttte til vre skere/1253990570332](http://www.forskningsradet.no/prognett-horisont2020/Sttte%20til%20vre%20skere/1253990570332)

PES2020 (= Project Establishment Support)

- Doubled budget
 - 2015: 63 mill kr
 - 2016: 124 mill kr
- Most of the increase goes to the biggest universities in Norway
 - Will cover 100% of extra cost (except for salaries)
 - Call to be launched 1. February 2016
- New positioning support/travel support for companies and public institutions
 - to be published spring 2016
- More grants for strategic positioning (to be published spring 2016)
- RHF's (Regional Health Institutions): New PES program from 2016
- Individual PES applications as before

Eight EU-networks in Norway

- Support Innovation in Norwegian healthcare sector by establishing collaboration and project financing using European funding toolsPROSIN Europe
- ENIT - EU-nettverk for IKT i transport
- EU-nettverk Viken - Regionalt nettverk for økt deltagelse i Horisont 2020
- FORSKNINGS- OG INNOVASJONSNETTVERK FOR EU
- HORISONT2020 - TRØNDELAG
- EU-nettverk Nordland
-
- <http://www.forskningsradet.no/prognett-horisont2020/Artikkel/EUnettverkene/1254006695157>

Participant Portal

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

RESEARCH & INNOVATION
Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT Search PP LOGIN REGISTER

EU Programmes 2014-2020

Search Topics

Updates

Calls

- H2020
- Research Fund for Coal & Steel
- 3rd Health Programme
- Promotion of Agricultural Products
- Consumer Programme
- COSME
- Justice Programme

FP7 & CIP Programmes 2007-2013

Calls

Other Funding Opportunities

Calls for Proposals

Horizon 2020 [Advanced search for topics](#)
[Calls for tenders on TED](#)

- Marie-Sklodowska-Curie Actions
- Research Infrastructures
- Industrial Leadership
 - Leadership in enabling and industrial technologies (LEIT)
 - Information and Communication Technologies
 - Nanotechnologies
 - Advanced materials
 - Biotechnology

Status Calls with forthcoming topics Calls with open topics Calls with only closed topics

Sort by Call title Call identifier Publication date

Industrial Leadership
Horizon 2020 dedicated SME Instrument 2016-2017
H2020-SMEInst-2016-2017
Publication date: 14 October 2015

Industrial Leadership
CALL FOR NANOTECHNOLOGIES, ADVANCED MATERIALS, BIOTECHNOLOGY AND PRODUCTION
H2020-NMBP-2016-2017
Publication date: 14 October 2015

Industrial Leadership
LEIT BIOTECHNOLOGY
H2020-BIOTEC-2014-2015
Publication date: 11 December 2013

Industrial Leadership
Horizon 2020 dedicated SME Instrument Phase 1 and 2, 2014-2015
H2020-SMEInst-2014-2015

Type of actions

- Research and Innovation Actions (RIA)
- Innovation Actions (IA)
- Coordination and Support Actions (CSA)
 - “Glue” or “Push”
- ERA-NETs
 - National research funding agencies collaborating thematic (Cofunded by H2020)
 - National rules and eligibility
- Joint Program Initiatives (JPIs)

ERA nets (European Research Area) and JPIs (Joint Program Initiatives) within health

- ERAcoSysMed (2015-2019)
- TRANSCAN II (2015 - 2019)
- ERA-Net Cofund JPND (JPcofuND) (2015-2019)
- ERASysApp (2012-2016)
- EuroNanoMed-2 
- JPND – Neurodegenerative diseases 
- JPI HDHL – Healthy Diet for Healthy Life , SC2,
- JPI AMR – Anti Microbial resistance 
- JPI More Years Better life 

Information online and at RCN

ERA-NET example:

EuroNanoMed III H2020 proposal for ERA-NET Cofund 2017-2020 submitted yesterday to NMBP!

www.euronanomed.net

7. Joint Call:

- Regenerative medicine
- Diagnostics
- Targeted delivery systems



Application deadline – 11 February 2016

For more information:

Cecilie Anita Mathiesen (cam@rcn.no)

More information on stand in the exhibition hall



2016-17 Work programmes Health and biotech research

Horizon 2020 - Work programmes 2016–2017

http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2016-17


- 2016-17
 - Main WP
 - 1. Introduction 2016-17 >
 - 2. Future and Emerging Technologies (FETs) 2016-17 >
 - 3. Marie Skłodowska-Curie actions (MSCA) 2016-17 >
 - 4. Research infrastructures (including e-Infrastructures) 2016-17 >
 - 5. Introduction to Leadership in enabling and industrial technologies (LEITs) 2016-17 >
 - 5i. Information and communication technologies (ICT) 2016-17 >
 - 5ii. Nanotechnologies, advanced materials, advanced manufacturing and processing, biotechnology 2016-17 >
 - 5iii. Space 2016-17 >
 - 6. Access to risk finance 2016-17 >
 - 7. Innovation in SMEs 2016-17 >
 - 8. Health, demographic change and wellbeing 2016-17 >
 - 9. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy 2016-17 >
 - 10. Secure, clean and efficient energy 2016-17 >
 - 11. Smart, green and integrated transport 2016-17 >
 - 12. Climate action, environment, resource efficiency and raw materials 2016-17 >
 - 13. Europe in a changing world - inclusive, innovative and reflective societies 2016-17 >
 - 14. Secure societies - protecting freedom and security of Europe and its citizens 2016-17 >
 - 15. Spreading excellence and widening participation 2016-17 >
 - 16. Science with and for society 2016-17 >
 - 17. Cross-cutting activities (Focus Areas) 2016-17 (NEW) >
 - 18. Fast Track to Innovation Pilot 2016-17 >
 - 19. Dissemination, Exploitation and Evaluation 2016-17 >
 - General Annexes to the Main WP
 - General Annexes 2016-17 >
 - European Research Council
 - ERC Work Programme 2016 >
 - Euratom
 - Euratom Work Programme 2016-17 >
- Templates & forms
 - Proposal templates
 - Proposal evaluation forms

2016 – 2017 Work programs

Biotech and Health

1. Introduction 2016-17 >



 2. Future and Emerging Technologies (FETs) 2016-17 >

 3. Marie Skłodowska-Curie actions (MSCA) 2016-17 >

4. Research infrastructures (including e-Infrastructures) 2016-17 >

5. Introduction to Leadership in enabling and industrial technologies (LEITs) 2016-17 >

5i. Information and communication technologies (ICT) 2016-17 >


 5ii. Nanotechnologies, advanced materials, advanced manufacturing and processing,
biotechnology 2016-17 >



5iii. Space 2016-17 >



6. Access to risk finance 2016-17 >

7. Innovation in SMEs 2016-17 >

 8. Health, demographic change and wellbeing 2016-17 >

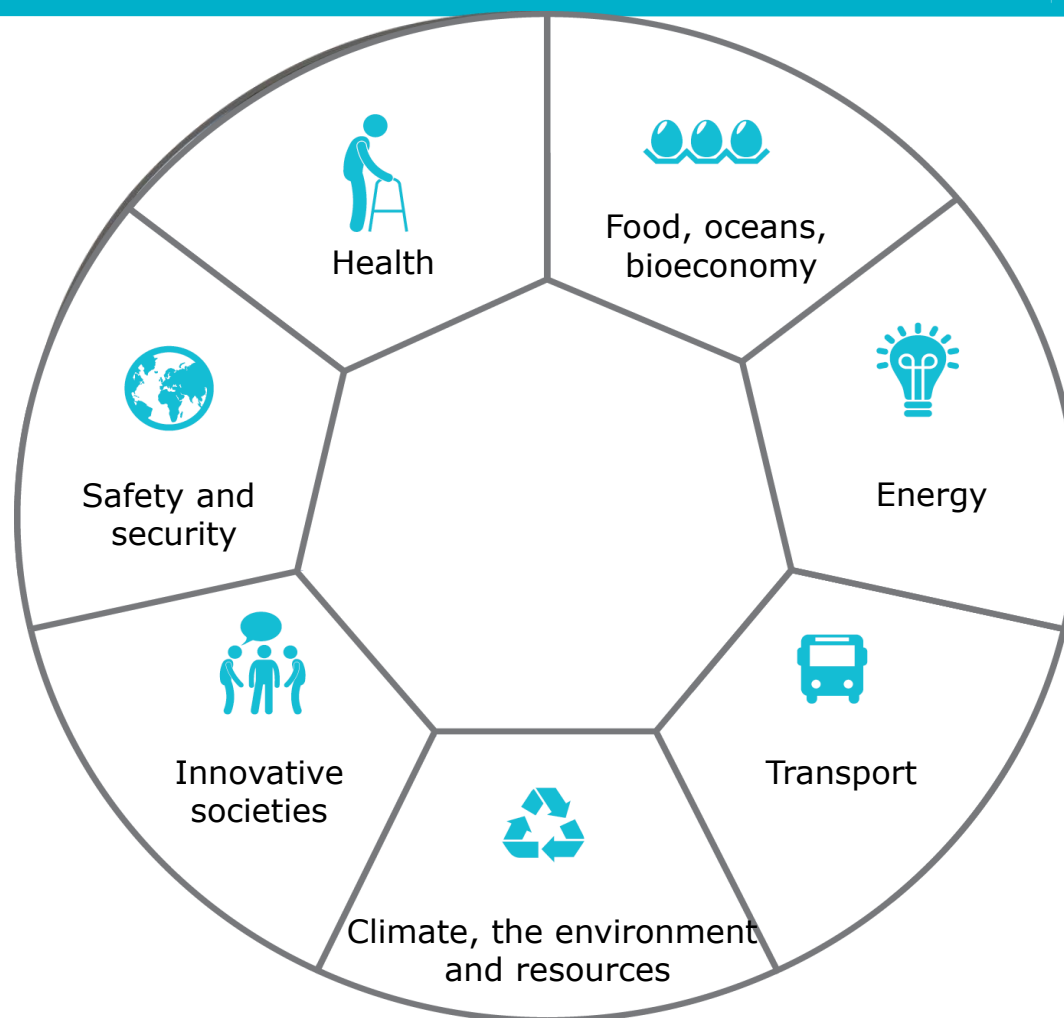
9. Food security, sustainable agriculture and forestry, marine and maritime and inland water
research and the bioeconomy 2016-17 >

  General Annexes to the Main WP
General Annexes 2016-17 >

  European Research Council
ERC Work Programme 2016 >

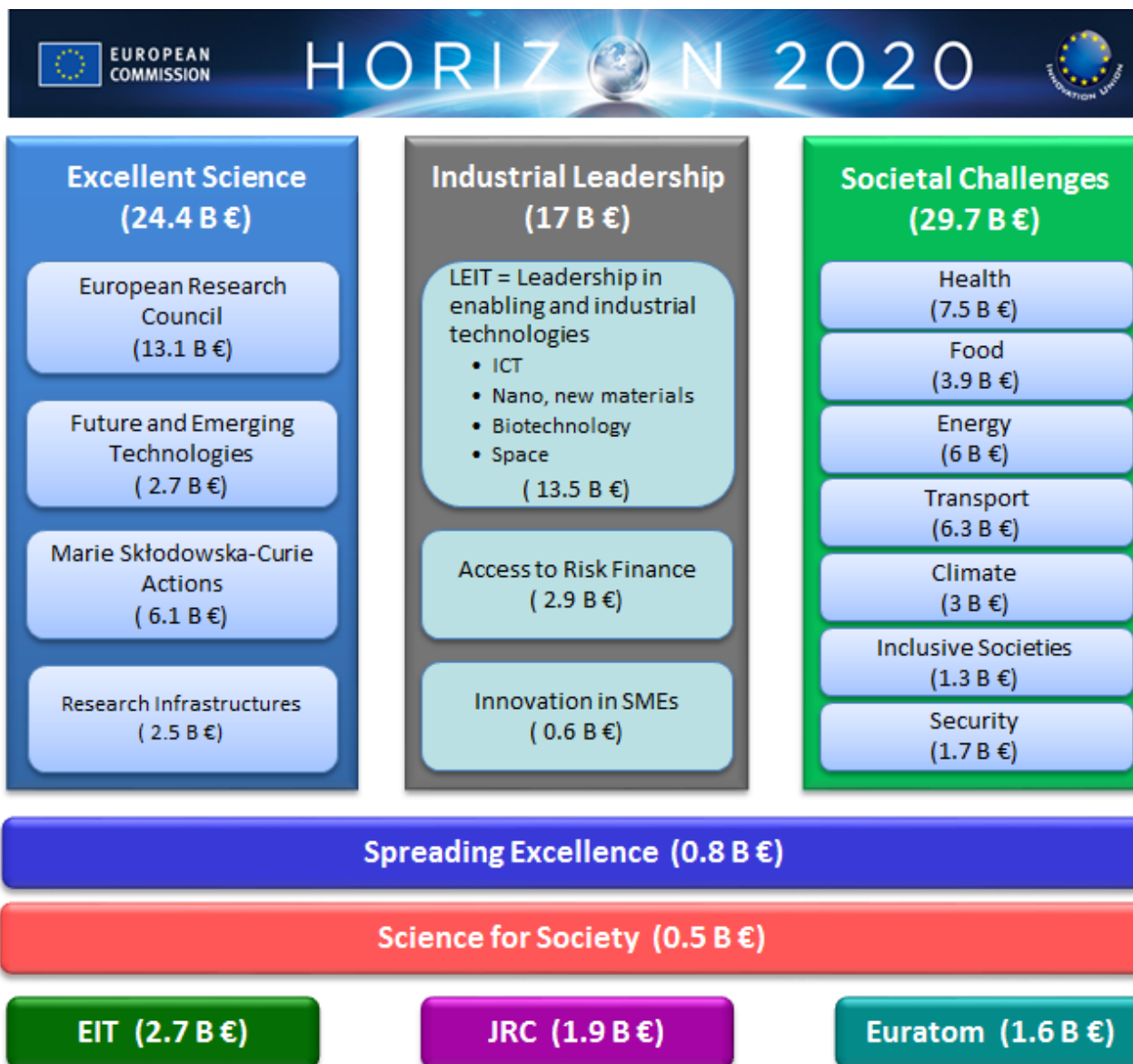
 Euratom
Euratom Work Programme 2016-17 >

Societal challenges



One of the main principles behind Horizon 2020 is to use research and innovation to find solutions to the social challenges Europe is facing in relation to the need for innovation, sustainable growth and job creation.

Health is everywhere in H2020



HORIZON 2020 – Societal Challenge 1

Health, demographic change and well-being

Work Programme 2016 - 2017

- Call - Personalised Medicine 7
- 1.1 Understanding health, well-being and disease 7
- **SC1-PM-01-2016: Multi omics for personalised therapies addressing diseases of the immune system** 7
- SC1-PM-02-2017: New concepts in patient stratification 8
- SC1-PM-03–2017: Diagnostic characterisation of rare diseases 9
- SC1-PM-04–2016: Networking and optimising the use of population and patient cohorts at EU level 10
- **1.2. Preventing disease** 12
- SC1-PM-05–2016: The European Human Biomonitoring Initiative 12
- SC1-PM-06–2016: Vaccine development for malaria and/or neglected infectious diseases 15
- SC1-PM-07–2017: Promoting mental health and well-being in the young 17
- **1.3 Treating and managing diseases** 18
- SC1-PM-08–2017: New therapies for rare diseases 19
- SC1-PM-09–2016: New therapies for chronic diseases 20

How to read a call and a topic in Horizon 2020?

Societal Challenge 1: Health, demographic change and well-being

Call: *Personalised medicine - Work Programme 2016 - 2017*

This call contains almost 40 topics

A “Topic” Consists of two pages (almost always)

Title: “SC1-PM-01-2016: Multi omics for personalized therapies addressing diseases of the immune system”

Specific Challenge - describes the context, why intervention is necessary

Scope – to clarify the problem, specifies the focus and the boundaries

Expected Impact – Describes the key elements of what is expected to be achieved in relation to the specific challenge. Helps to understand what the evaluators will be looking for

Type of Action: I.e. Research and Innovation action (RIA)

How to read a topic? - Start from the bottom!

SC1-PM-01-2016: Multi omics for personalised therapies addressing diseases of the immune system

Specific Challenge: Despite much progress in 'omics' and epidemiological research in recent years, the knowledge on **the combined role of genetic and non-genetic factors in health and disease is still limited**, thus hampering the full development potential of personalised medicines.

Scope: The scope of this topic is to **integrate and use high quality genome, epigenome, proteome, metabolome, microbiome data produced by large scale international initiatives with innovative imaging, functional, structural and lifestyle/environmental data, and combine these with disease-oriented functional analysis to contribute to the understanding of health and disease** with the final objective of selecting relevant biomarkers for clinical validation that will lead to the development of new targeted therapies for diseases of the immune system.....

Expected Impact:

- New models for patient stratification to inform clinical decision making.
- Accelerate the translation of biomedical and clinical research results to medical use.
- Increased cost-effectiveness of the novel concepts in comparison to already established practices.
- Increased research and innovation opportunities in this innovative industries-driven field, **particularly small or medium-sized enterprises (SMEs)**.

Type of Action: Research and Innovation action (RIA)

SC1-PM-01-2016: Multi omics for personalized therapies addressing diseases of the immune system

- Type of action: Research and Innovation Action (RIA)
 - Research groups and industry can participate at equal terms
 - Partners from at least 3 European countries (MS + AS) (+ USA)
- Support rate for RIA projects:
100% of direct project costs flat rate + 25% overhead
(Except for indirect costs like contract research etc.)

- Application deadlines: 13. April 2016
- Budget for this topic: 30M€ (page 60 in WP)
- Contribution per project: 12-15 M€
 - => 2 (3) projects will be granted

- **SC1-PM-02-2017: New concepts in patient stratification Deadline: 2017**

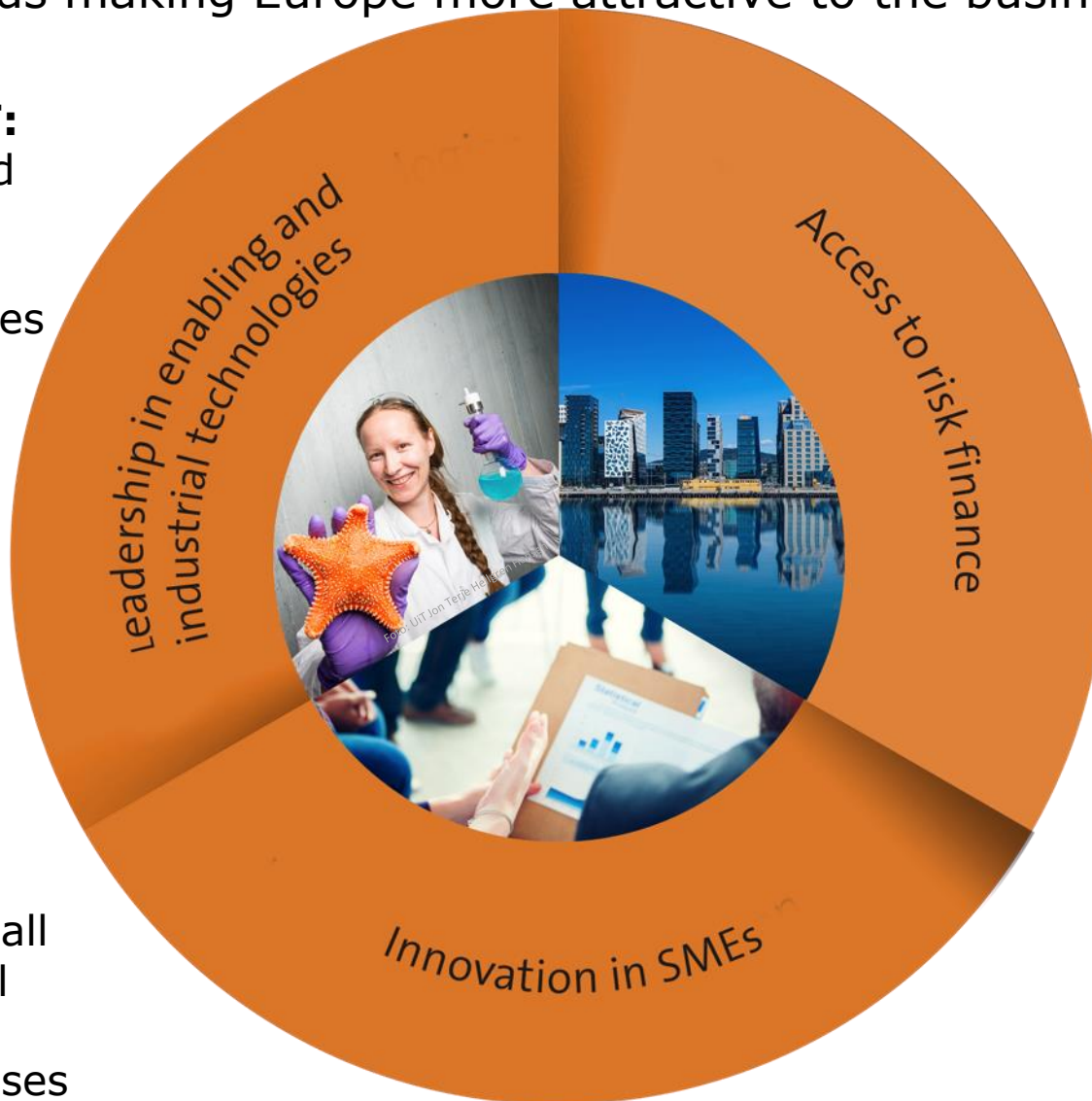
The Industrial leadership-pillar

targeted towards making Europe more attractive to the business sector

Themes in LEIT:

- Information and communication technologies
- Nanotechnologies
- Advanced materials
- Biotechnology
- Advanced manufacturing and processing
- Space

All forms of innovation in all types of small and medium-sized enterprises



Access to private financing and venture capital for research and development

Health-related topics in LEIT NMBP 2016-2017

Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing

ADVANCED MATERIALS AND NANOTECHNOLOGIES FOR HEALTHCARE 42

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Biotech-related topics in LEIT NMBP 2016-2017

Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing

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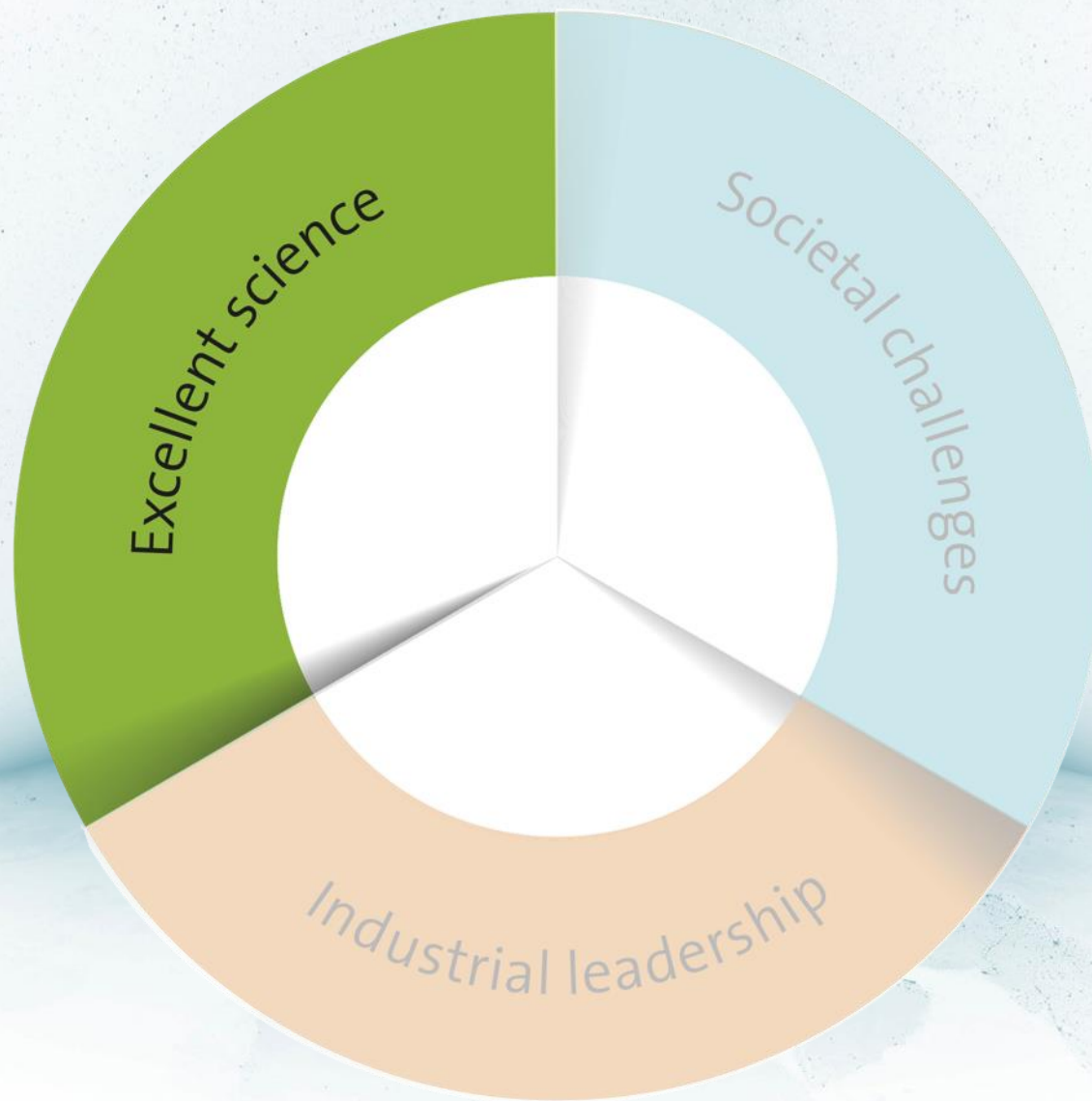
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Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing

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Search for topics of YOUR interest in participant portal



Frontier research
from researchers
at the forefront

Mobility and
career
development



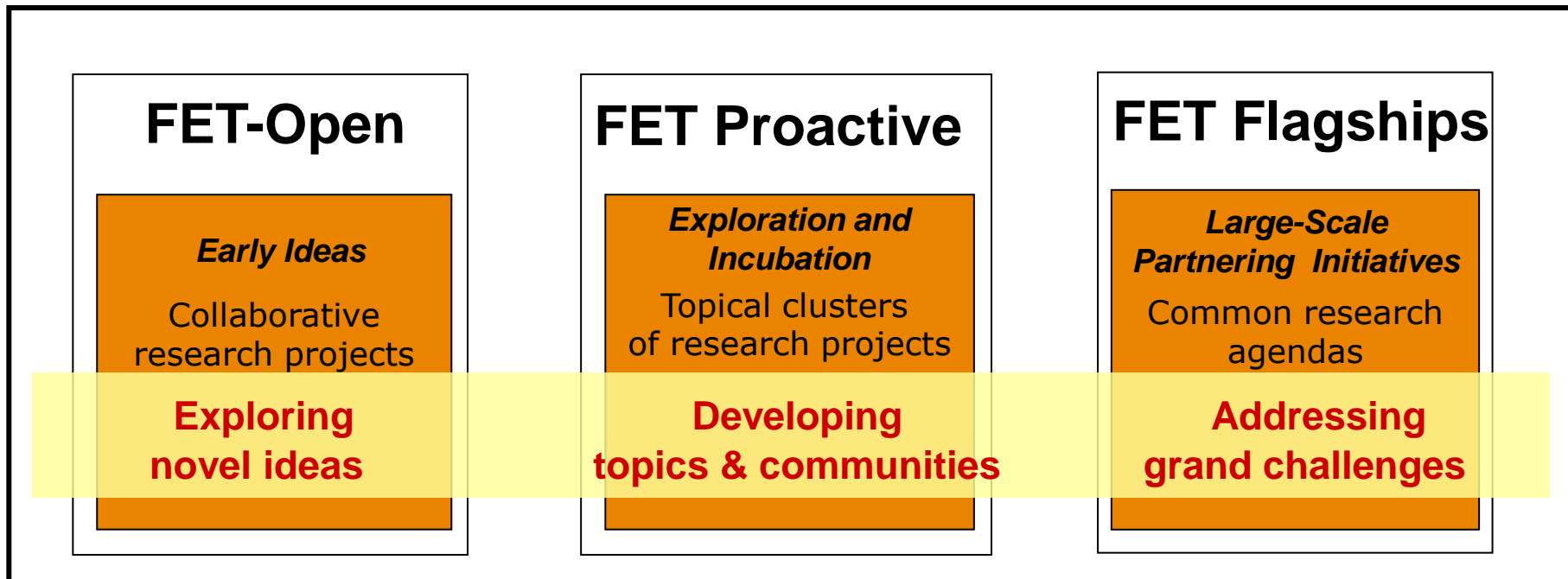
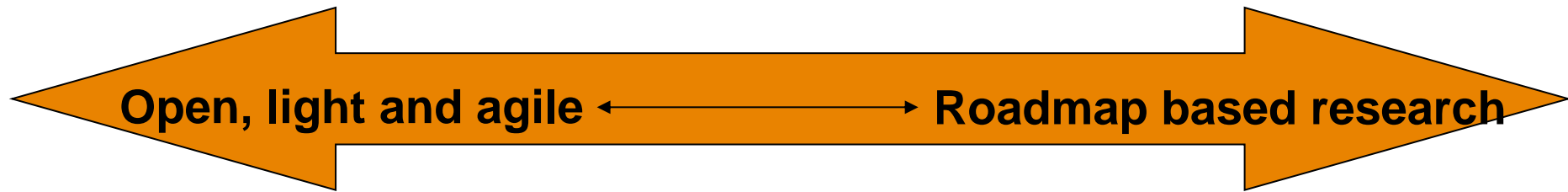
New innovation
areas

Access to state-
of-the-art
infrastructure

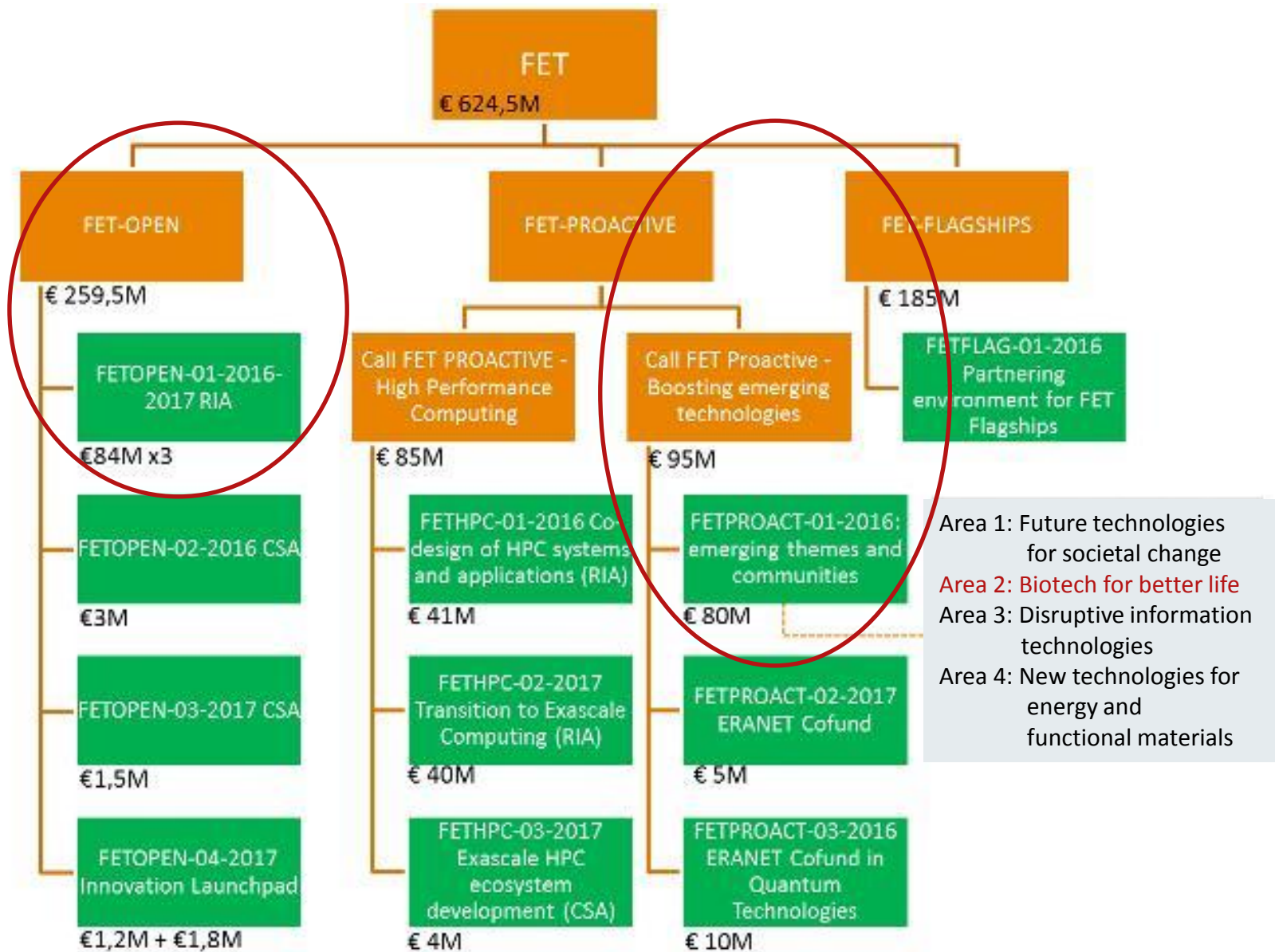


Future & Emerging Technologies (FET)

FET funding schemes



FET Calls 2016-17 in a nutshell



Call: FET Proactive

Topic: FETPROACT-01-2016: emerging themes and communities

(Application deadline: 12. April 2016 - 80 M€)

Area 2: Biotech for better life

- a. Intra- and inter-cell bio-technologies.
New technologies to enable the study and engineering of processes within and between biological cells, and their exploitation for purposes such as sensing, signalling, imaging, regulating, curing or for mimicking or re-engineering the intra- and inter-cell physics and dynamics
- b. Bio-electronic medicines and therapies: using adaptive nerve or brain stimulation for precise regulatory control of organs or other biological processes inside the human body, in order to restore or maintain healthy conditions.
- c. Cognitive neuro-technologies: integrated interdisciplinary approaches combining theory and novel technology-based experiments for understanding the circuits and pathways of higher-level cognitive functions

HORIZON 2020

INTERDISCIPLINARITY / VALUE CHAINS / COOPERATION / QUALITY / INNOVATION

WHAT DO YOU WANT TO USE IT FOR?



Call for experts !

- Do have high-level of expertise in the relevant fields of research and innovation of H2020?
- Can you be available for occasional, short-term assignments
- Sign up at the participant portal:
- <http://ec.europa.eu/research/participants/portal/desktop/en/experts/>

Some national calls from RCN for 2016 funding for biotech/health research

Programme	Project type	Tentative Deadlines
FRIPRO	Research projects	16. May 2016
HELSEVEL	Pre-projects and projects Innovation in public sector	17. February 2016 and 12. October
HELSEVEL	Research projects etc.	25. May
NANO2021	Research projects	May 2016
NANO2021 and BIA	Competence building projects for industry	October 2016
BIA and NANO2021	Innovation projects	October 2016
BIOTEK2021, FORNY...	Research/Optimization	Sept. 2016
GLOBVAC	Research projects	September 2016
FORNY2020	Verification projects	September 2016
INFRA	National infrastructure	October 2016
Industrial and Public PhD	PhD programs	Running