



Bridging the divide in European
health R&I conference

20 October 2016
Brussels

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European Commission

HORIZON 2020





Fort Saint Angelo, Malta
1 May 2004

EU12 already in **FP5**

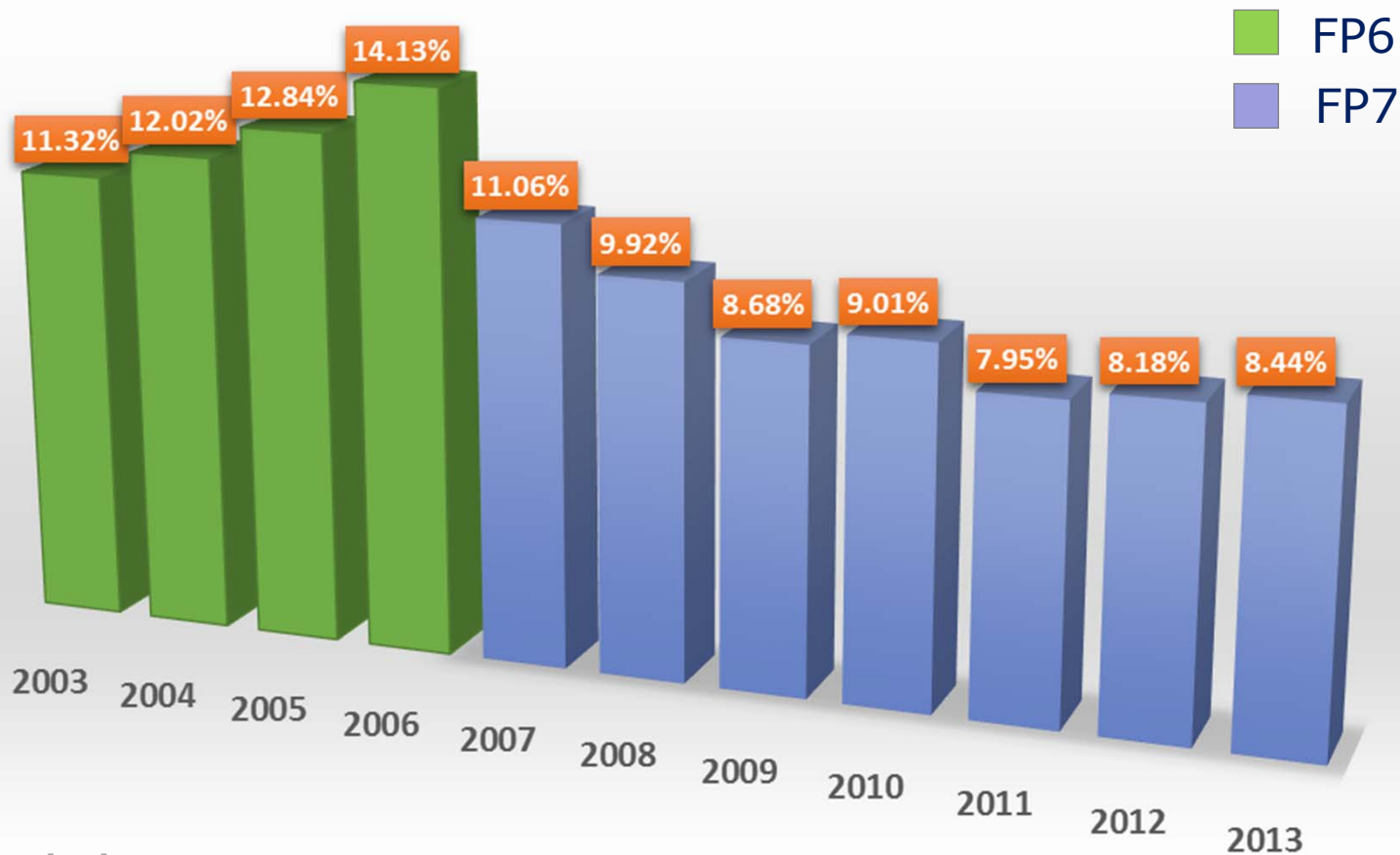


The European Commission
Community Research
Fifth Framework Programme
1998 - 2002



Box 4 - Participation from non-EU countries in FP5 (1) (Version 07.02.2001)		
ASSOCIATED STATES may participate WITH COMMUNITY FUNDING	CANDIDATES FOR EU-MEMBERSHIP	BULGARIA, REPUBLIC OF CYPRUS, CZECH REPUBLIC, ESTONIA, HUNGARY, LATVIA, LITHUANIA, MALTA ² , POLAND, ROMANIA, SLOVAKIA, SLOVENIA: in force. <i>For</i> Turkey , <i>please see footnote 3</i>
	EFTA-EEA	

EU13 participation rates in **FP6 & FP7**



Source: Corda data

EU13 participation and funding per sector (2003 – 2015)

Topic	EU13 participation share	EU13 funding share
ERC	2.6%	1.9%
Health	6.8%	3.3%
ICT	7.7%	4.4%
Space	7.8%	3.5%
Marie-Curie	8.6%	4.6%
Nano	9.0%	5.1%
Energy-Transport	9.8%	4.7%
Average on total	10.0%	4.9%
Environment and clima	10.4%	5.4%
Food-agri	11.2%	5.4%
Infrastructures	13.7%	5.5%
SME	14.6%	11.9%
Social sciences	17.9%	10.3%
Nuclear	18.5%	5.6%

Source: Corda data

Yes, you can!



Prof. András Dinnyés
CEO



BiOTalentum

- Hungarian research intensive SME
- Stem cell research
- FP7: 15 project participations,
€ 7 million+ EU funding



#SCICHALLENGE

D-BOARD
European partnership for biomarker discovery



NanoS3

They can too!



University of Tartu, Estonia

- In top 3% of world's best universities
- Great capacities in genetics and molecular biology
- FP7: 104 project participations, € 22 million+ EU funding



Co-ordination and support actions in **health**

- **HCO-14-2014 - Bridging the divide in European health research and innovation**
- 2 projects, €1 million in total
- Understand factors underlying the divide, find remedies
- Create networking platform



- **SC1-HCO-08-2017 – Actions to bridge the divide in European health research and innovation - €1 million**



The Widening Package under H2020

Measures in Horizon 2020 under **Spreading Excellence and Widening Participation**:

- **Teaming** (institution building)
- **Twinning** (institutional networking)
- **ERA Chairs** (bringing excellence to institutions)

- NCPs (information, communication, support)
- Policy Support Facility (support for R&I Policy design)
- COST (stimulating cross border science networks)

Total Budget in H2020 ~ **€ 800 million**

Specific **eligibility** criteria for **WIDENING**

- Targeted approach to help those participants with low performance in R&I
- H2020 legal text >>"low performing RDI Member States and regions"

Eligibility Criterion: **Composite Indicator of Research Excellence**

Threshold: MS below 70% of the EU average

"Low RDI Performing" or "Widening" Countries:

MS: Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia and Slovenia

AC: Albania, (Armenia), Bosnia and Herzegovina, Faroe Islands, Former Yugoslav Republic of Macedonia, Georgia, Moldova, Montenegro, Serbia, Tunisia, Turkey and Ukraine

Teaming

- Creation of new (or significant upgrade of existing) **Centres of Excellence** in low R&I performing or "**Widening**" countries

The Partnership: 2 parties in each Teaming project

- (1) the COORDINATOR from a "Widening" country
- (2) a university or res. organisation with an international reputation in R&I excellence (from all EU28 or AC)

- **Phase 1 – € 400k**



- **Phase 2 – up to € 15m**



ERA chairs

- Bring high quality researchers and managers (**the ERA Chair and his/her team**) to universities and other research organisations with the potential for research excellence.
- Institutions should implement structural changes to achieve excellence on a sustainable basis.
- One beneficiary
- Funding: up to **€2.5 million**



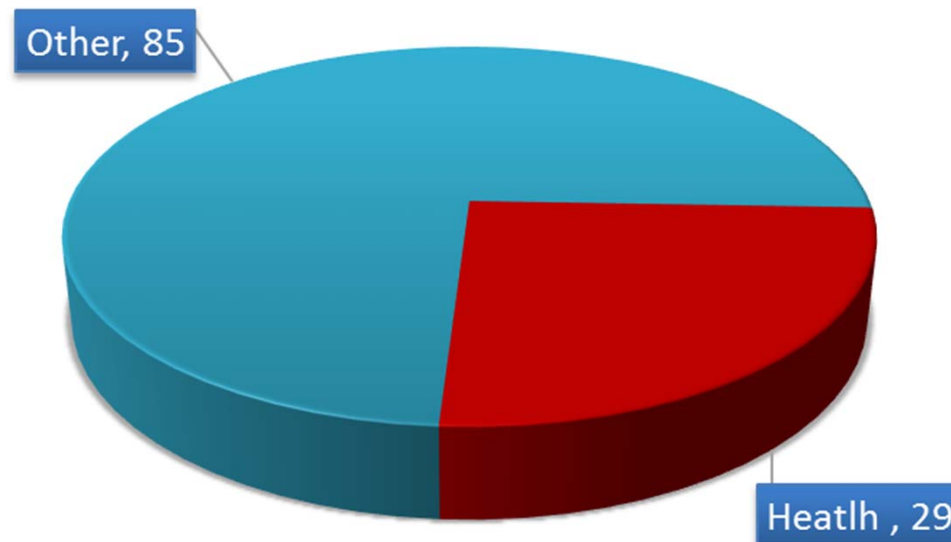
Twinning

- Strengthen a **defined field of research** in a university or research organisation from a Widening country by linking it with at least two internationally-leading research institutions.
- ; expert visits and short-term training; workshops; conference attendance; dissemination and outreach activities.
- Funding: up to **€1 million**, infrastructure, equipment & research costs will NOT be funded.



First experience in Widening programme

- WP 2014-15 - €118 million EU funding
- Overall **positive feedback**, appetite for continuing
- **Health highly represented**, 29 projects out of 114



Health projects in Widening

- 4 ERA-chairs
- 19 Twinning
- 6 Teaming



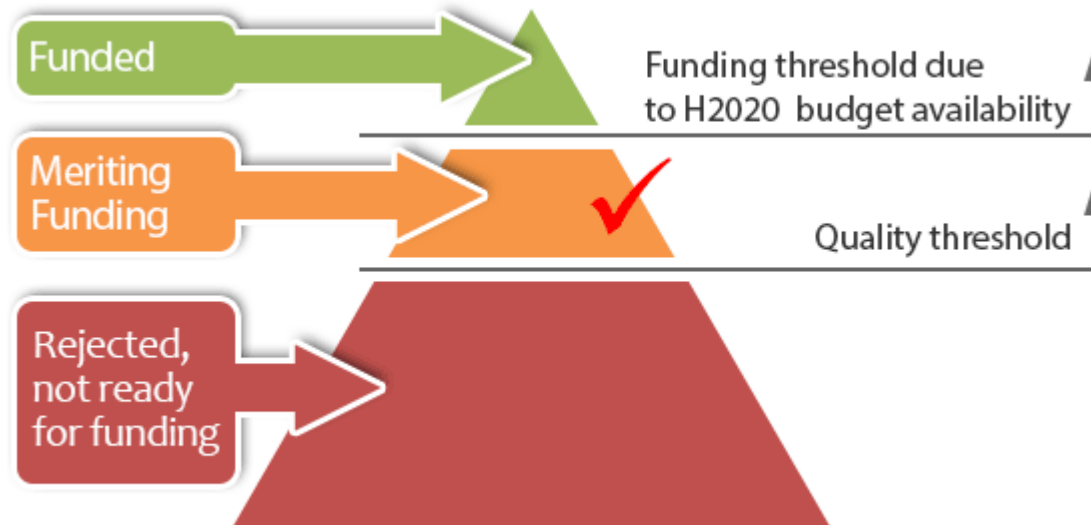
Examples:

TransGeno - *ERA Chair of Translational Genomics at the University of Tartu (EE)*

STREAM - *Strategies towards Excellence in Immuno-Oncology, Medical University of Warsaw **twinning** with Oxford, London, Oslo and Trieste*

HU-MOLMEDEX - *Creating the Hungarian Centre of Excellence for Molecular Medicine – **Teaming phase 1***

Synergies with Cohesion – Seal of Excellence



- For applicants in **SME instrument**, passing quality threshold
- Funding from national envelopes, on voluntary basis
- Already taken up in some form: CZ, HU, FI, ES, IT, SE

Conference

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SECID



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CROSSING THE INNOVATION
DIVIDE CONFERENCE

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23rd November 2016, Brussels (Belgium)

www.secid2016.eu



Future outlook

- Horizon2020 mid-term evaluation is approaching, drafting of new FP will start soon too
- Facts, figures and **evidence needed** to make the case
- Collective voice can achieve more
- More **alignment with cohesion** policies needed
- Widening is perceived positively. Need for continuation?
- Measures to address the **root-causes** of the divide: ideas, actions are welcome



Let's leap the divide!



*Research and
Innovation*



Check out our **2017 calls**

Teaming Phase 1 call

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/4057-widespread-04-2017.html>

ERA Chairs 2017 Call

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/4056-widespread-03-2017.html>

Twinning 2017 Call

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/4058-widespread-05-2017.html>

Health

<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc1-hco-08-2017.html>