

MSCA 2016- 2017

Dr. Jennifer Brennan
National Contact Point
National Delegate
Marie Skłodowska-Curie Actions





During webinar please email queries to
mariecurie@iua.ie

**Presentation and Q&A report will be available
online**

Irish Marie Skłodowska-Curie Office

Sponsored by the **Irish Research Council**

- **Promote** the Actions to Irish researchers and research organisations
- **Support** researchers in preparing funding applications
- **Contribute** to policy initiatives relevant to the Actions

Two staff members:

- Dr. Jennifer Brennan
- Grace McCarthy (SFI Centres) – maternity cover

Marie Skłodowska- Curie Actions, an Irish Success Story



€146 million

- Ireland's "Take" from Horizon 2020 to-date

€23.9 million

- Portion of this secured via MSCA

€8.6 million

- Funding for Doctoral Training

>75

- Successful Participations in MSCA (14%)

2

- #2 performing MS in 2015 ITN Call

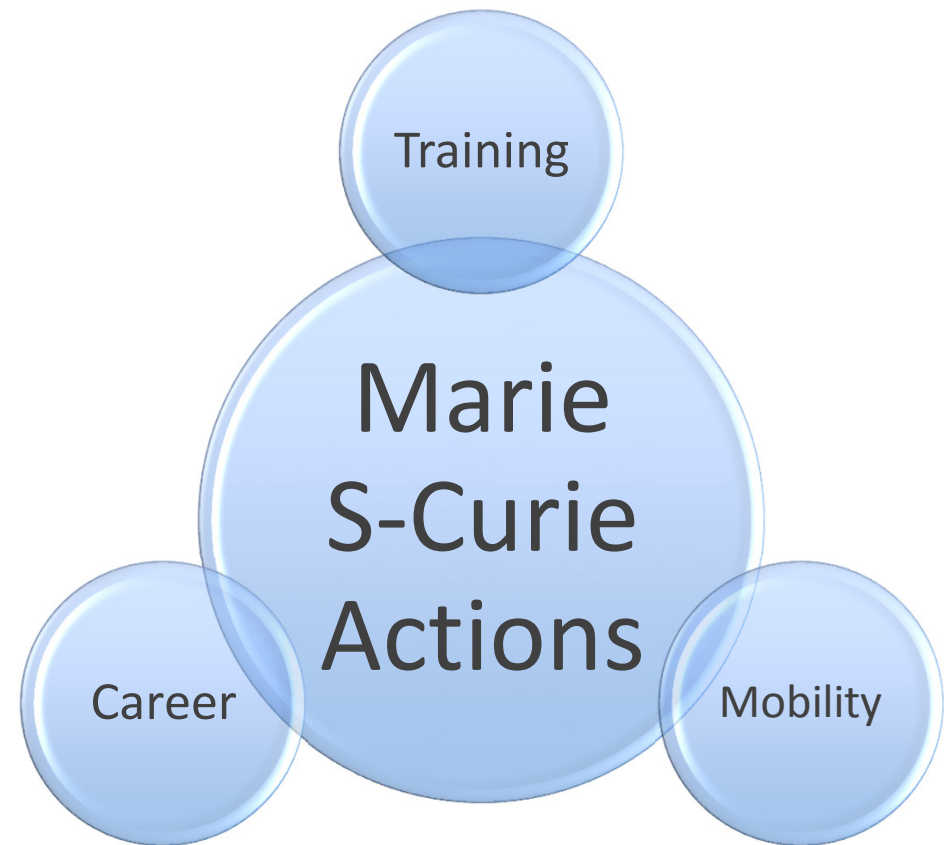
Marie Skłodowska Curie Actions in Horizon 2020:

€6.2 billion budget

In the **Excellence Science** Pillar

Funds **ALL RESEARCH AREAS**
(no thematic calls or priorities)

Implemented via Annual
Calls for Proposals





ITN

- Innovative Training Networks

RISE

- Research & Innovation Staff Exchange

COFUND

- Co-financing fellowship or doctoral programmes with transnational mobility

NIGHT

- European Researchers' Night

IF

- Individual Fellowships



Inter-Sectoral Co-operation

Academic <-> Non-Academic

- **Academic:** consists of public or private higher education establishments awarding academic degrees, public or private non-profit research organisations whose primary mission is to pursue research, and international European interest organisations
- **Non-Academic:** includes any socio-economic actor not included in the academic sector and fulfilling the requirements of the Horizon 2020 Rules for Participation.
e.g. Industry (incl. SMEs), charities, NGOs, government/public bodies, national archives, libraries.....

Individual Fellowships



- A personal fellowship to support a period of **mobility**
- For **Experienced Researchers**
 - Post-PhD or equivalent
 - No upper experience limit
 - No age limits
- **Fully-funded** fellowships
- Supports **Career Restart** and **Reintegration** into Europe
- Optional **secondment** during fellowship

IF – European and Global



**European
Fellowships**

1 – 2 years

1. Standard
2. Reintegration
3. Career Restart
4. Society/
Enterprise

**Global
Fellowships**



2 – 3 years (incl. 12 months back in Europe)



Mobility Rule

Cannot apply for a fellowship in a country where you have lived or worked/studied for > 12 months in the 3 years prior to the Call deadline

For Reintegration/Career Restart/Society-Enterprise Panel: no more than > 3 years in the 5 years prior to the Call deadline



New for 2016!

Society and Enterprise Panel

- A dedicated panel for **European Fellowships** hosted in the **Non-Academic Sector** e.g. Industry (incl. SMEs), charities, NGOs, government/public bodies, national archives, libraries.....
- Budget €10 million
- ~ 50 fellowships available
- Option of secondment to academic sector
- 12 – 24 months' duration



Other Individual MSCA Opportunities

Advertised on EURAXESS

www.euraxess.ie

www.euraxess.eu

Innovative Training Networks



Quality of Research Training

- Research Training Programme for Early Stage Researchers (ESRs)
 - Less than 4 years' research experience after undergrad
 - Improving career prospects
 - Equipping with a broad range of research and transferable skills
 - Promoting Mobility during research training (international and **inter-sectoral**)



A Typical ITN

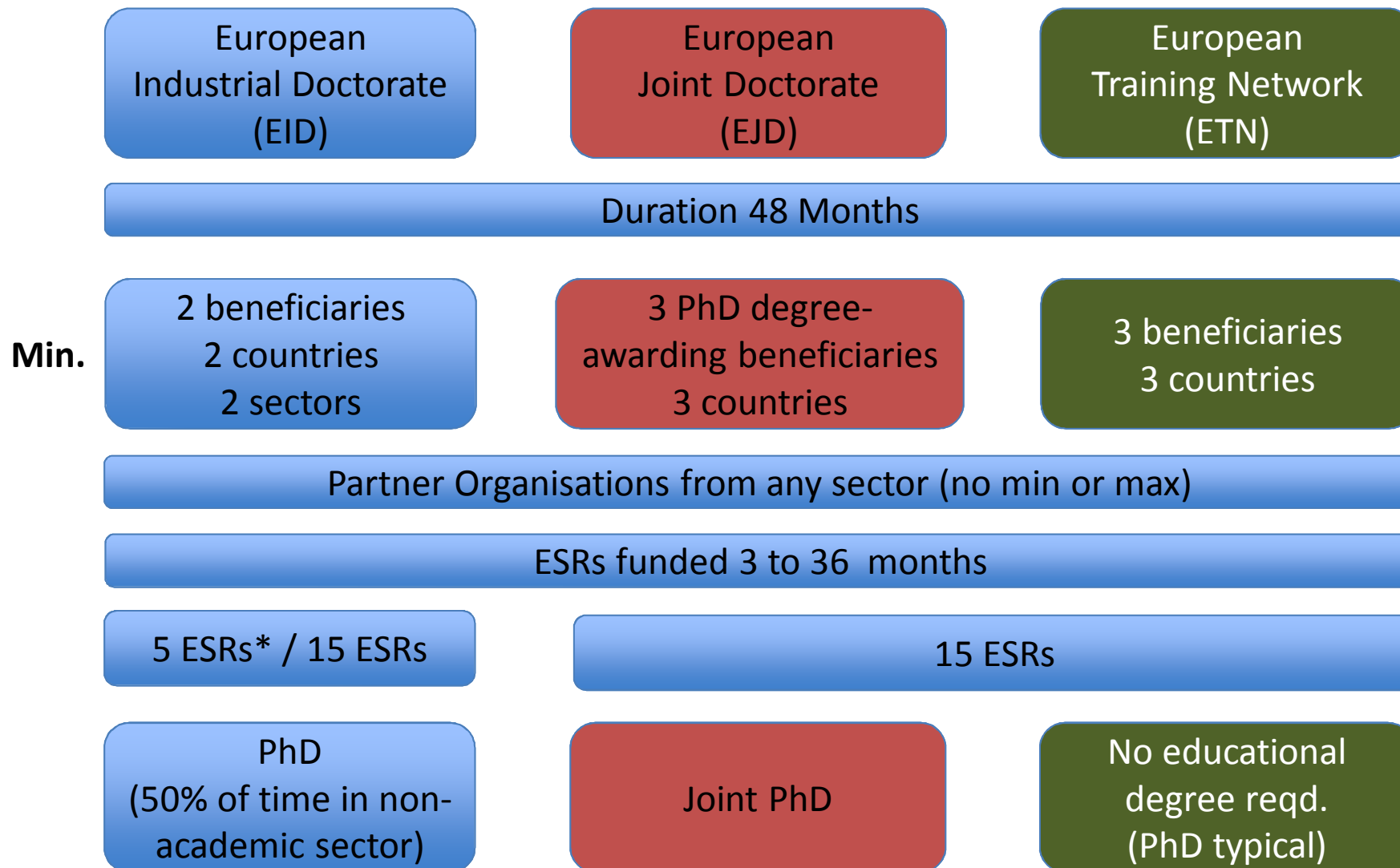
- Consortium of organisations from different countries and sectors
 1. **Beneficiaries**: recruit researcher(s) for up to 36 months
 2. **Partner Organisations**: host secondments/provide training
- Propose a joint research programme – 48 months long
- Recruit researchers across the consortium– each researcher has an Individual Research Project
- Researchers must not have lived in the country of their host for more than 12 months in the 3 years prior to recruitment (Mobility Rule)
- Advanced **research** skills and **transferable** skills training
- Networking events
- Secondments for each researcher **to another sector** (academic to non-academic, or vice-versa)



3 ITN Modes

ITN Mode	2015 Success Rate
European Training Networks (ETN)	6.3%
European Joint Doctorates (EJD)	9.2%
European Industrial Doctorates (EID)	9.6%

Participation by the non-academic sector is a requirement for all 3 modes



* For a two-beneficiary project

ITN 2014

Funded ETN Project:

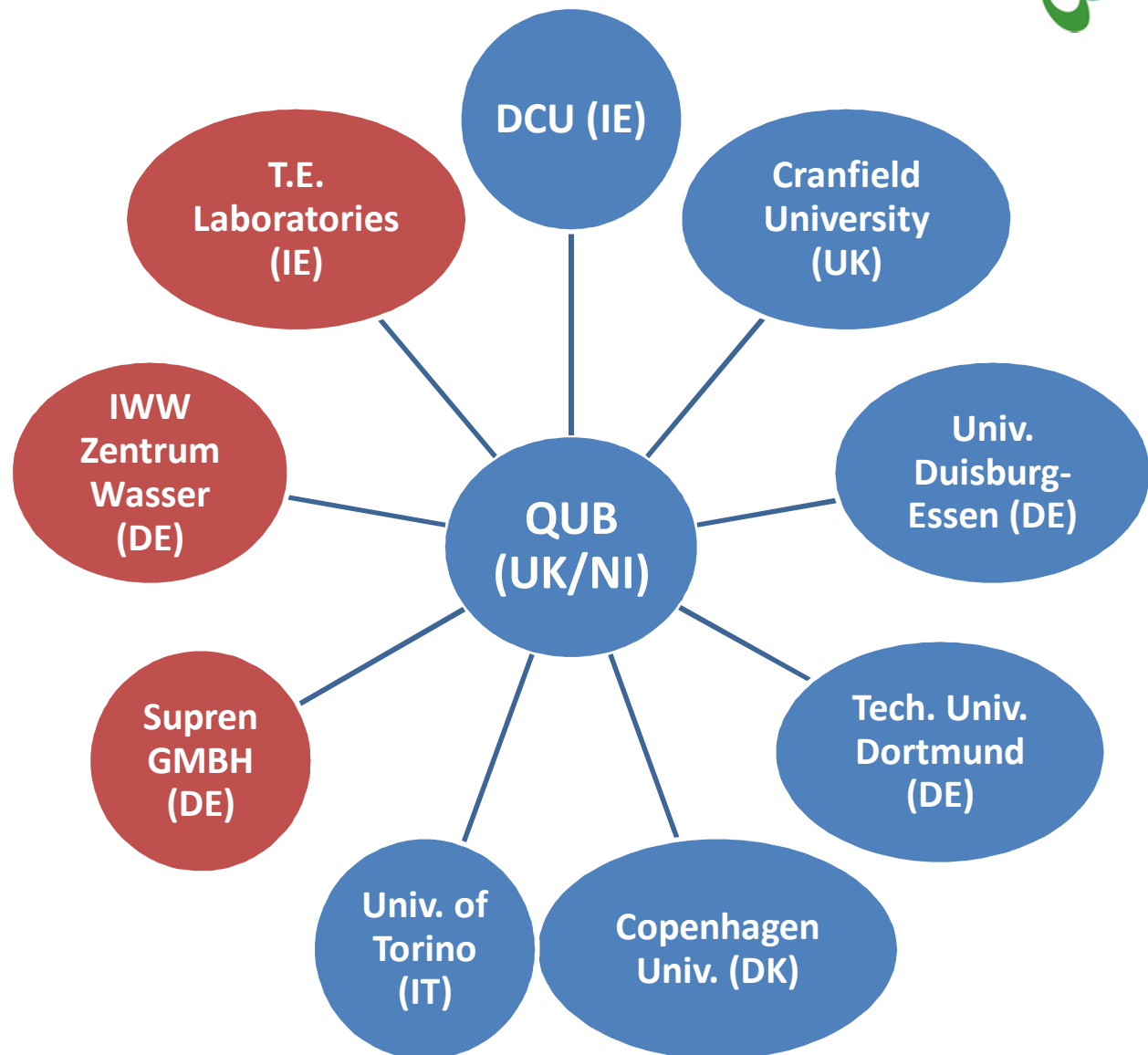
REMEDIATE – “Improved decision-making in contaminated land site investigation and risk assessment

€3.725 million

10 Beneficiaries

5 Countries

**15 Partner Organisations
(1 each from US and CA)**



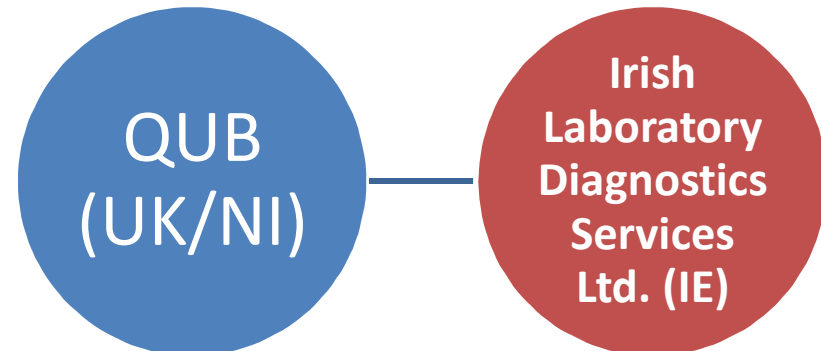
ITN 2014

Funded EID Project:

**MET-A-FOR – “Metabolomic
analysis for the forensic
detection of drugs of abuse in
performance and food
producing animals ”**

€820k

No Partner Organisations





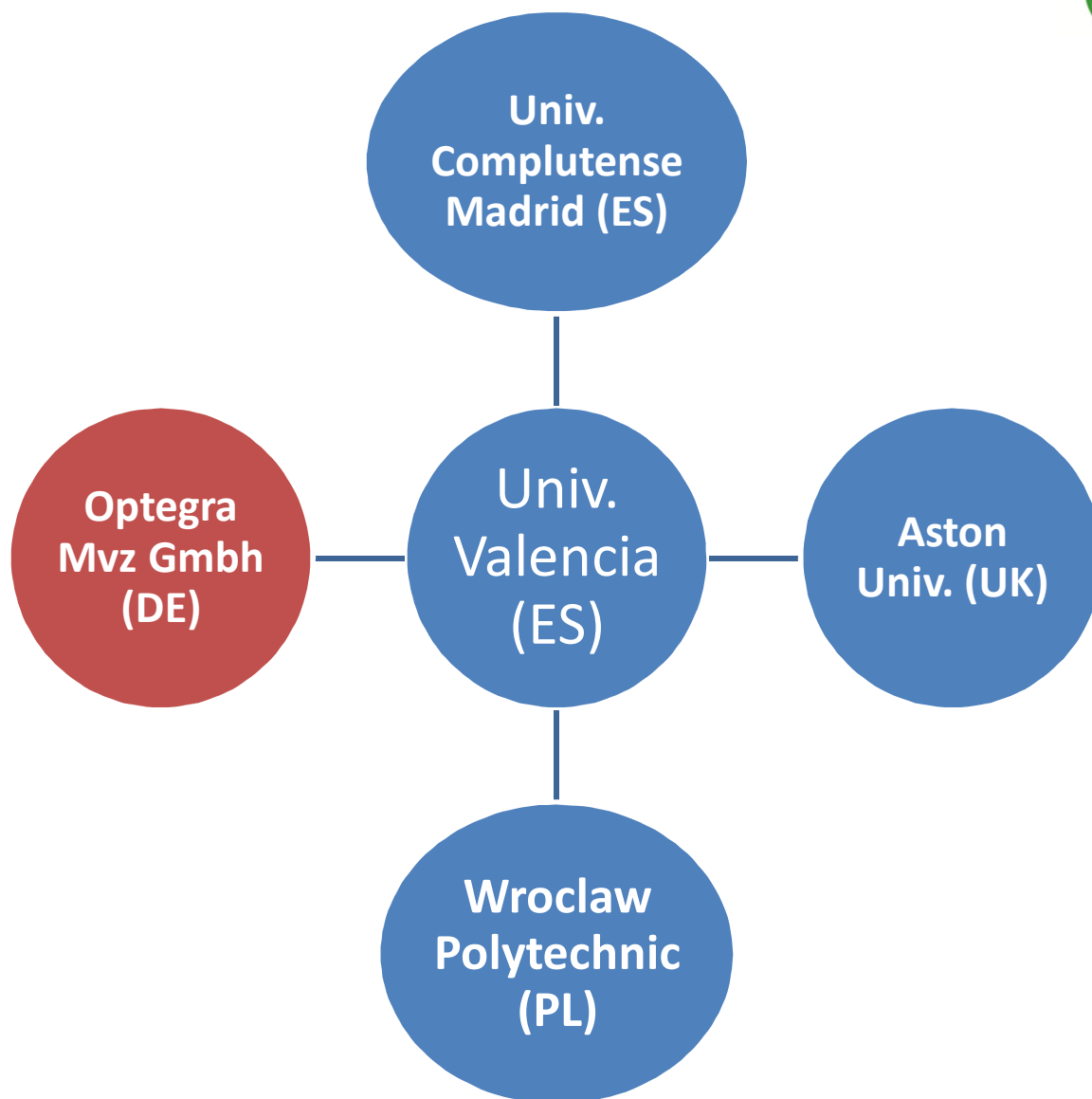
ITN 2014

Funded EJD Project:

**EDEN – “European
Dry Eye Network”**

€2.5 million

**3 Partner Organisations
(incl. Bausch and Lomb)**



RISE: Research & Innovation Staff Exchange



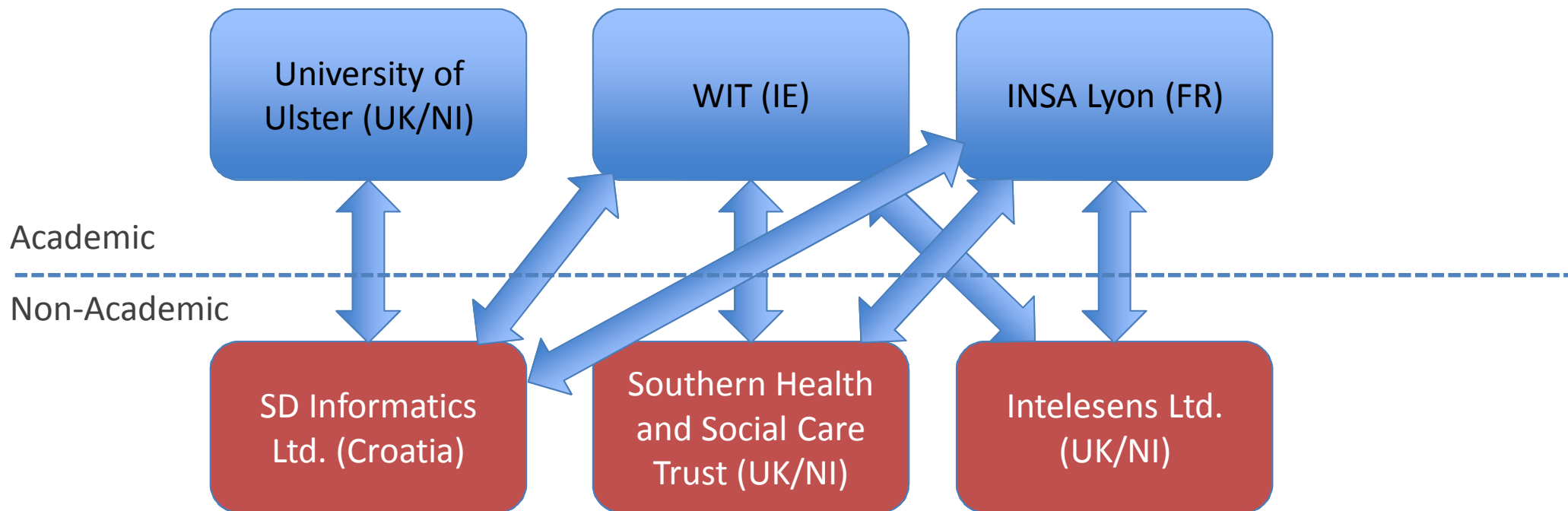
Promoting transfer of knowledge between countries and sectors

- Research programme executed by:
 - Exchange of “**staff**” around the consortium (Duration 1 month to 1 year)
 - Networking Activities
- Collaborate with **any sector** and any country **worldwide**
- No Mobility Rule
- Per Researcher/Month:
 - €2000 for travel costs
 - €2500 networking, management, etc.
 - High-income countries e.g. USA can participate but with own budget

“Staff” = research students, postdocs, PIs, technical and managerial staff.

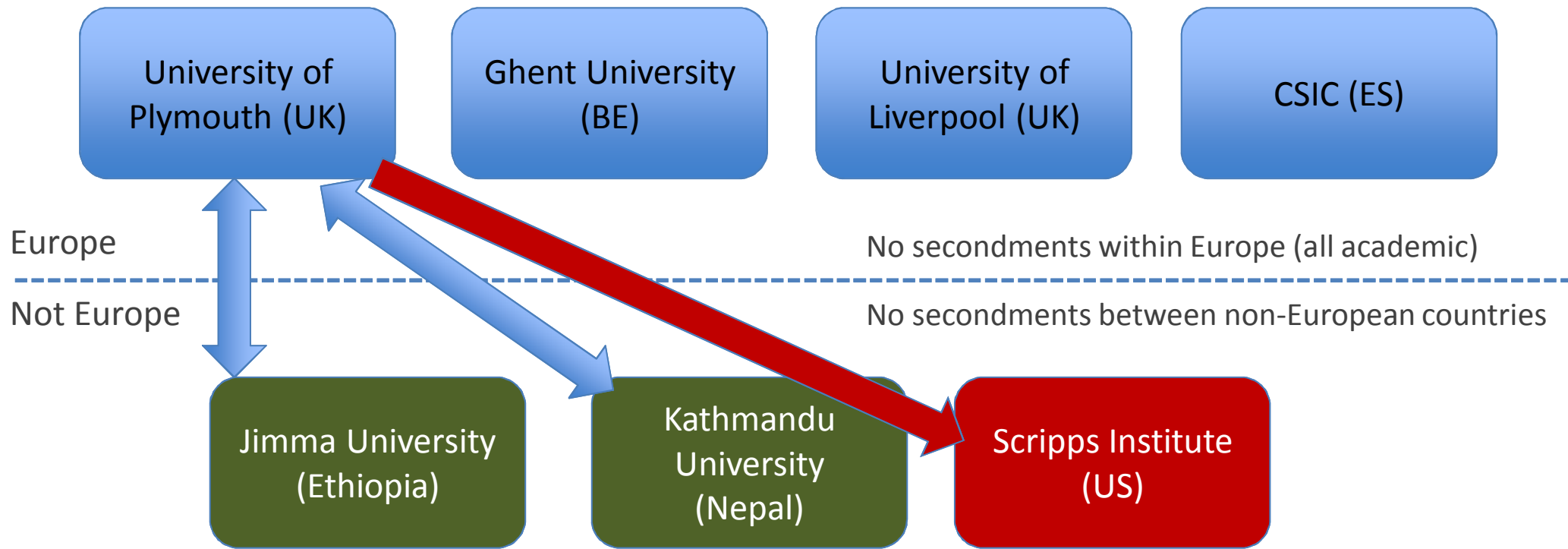
RISE 2014 Call – “All European” Project

‘**WASTCArD**’ - Wrist and arm sensing technologies for cardiac arrhythmias detection in long term monitoring.



RISE 2014 Call – International Project

IMIXSED - “Integrating isotopic techniques with Bayesian modelling for improved assessment and management of global sedimentation problems”



COFUND

COFUND began in FP7:

- Co-funded over 175 **Fellowship** programmes
- 8 COFUND programmes in Ireland e.g. IRC ELEVATE, UCD Energy-21, ASSISTID

Horizon 2020 offers co-funding for:

- **Doctoral** programmes and **Fellowship** programmes
- 2014 Success rate 25%



Award Holder	Programme	EU Contribution	Own Contribution
University College Dublin	TopMed10	€0.89M	€1.2M

- Research theme Personalised Medicine
- Programme run by Conway Institute, Systems Biology Ireland and the Charles Institute
- Will award **10 fellowships** for Experienced Researchers to work at UCD – all fellowships can include a secondment outside Ireland
- MSCA COFUND award provided **30%** co-funding from the Commission
- **70%** own funding comes from a pooling of non-H2020 research funding within Conway, SBI and CI

European Researchers' Night

- A European-wide public and media event to promote research careers
- 4th Friday of September each year
- Full or part-funding available for 1 or 2 years



Discover Research Dublin

TCD and RCSI award in 2014 NIGHT Call
Events from 3 to 10pm on last Friday of
September 2014 & 2015

<http://discoverresearchdublin.com/>

Funding Model

Categories of eligible costs	Costs of researchers/seconded staff member PER MONTH				Institutional costs PER MONTH	
	Living allowance (a)	Mobility allowance (b)	Family allowance (c)	Top-up allowance (d)	Research, training and networking costs (a)	Management and indirect costs (b)
Marie Skłodowska-Curie action						
ITN	3 110	600	500	--	1 800	1 200
IF	4 650	600	500	--	800	650
RISE	--	--	--	2 000	1 800	700
COFUND	ESR: 1 585 ER: 2 625	--	--	--	--	325

NIGHT: Coordination and Support Action (100% eligible direct costs, 25% indirect costs)



Reasons for HEIs to get involved

Build Links with Research Groups and Industry Worldwide

Increase number of research students & staff

Attracting Leading & Up-and-Coming Researchers

Fund a Sabbatical Abroad (up-skill for ERC)

Significant co-financing opportunity through COFUND

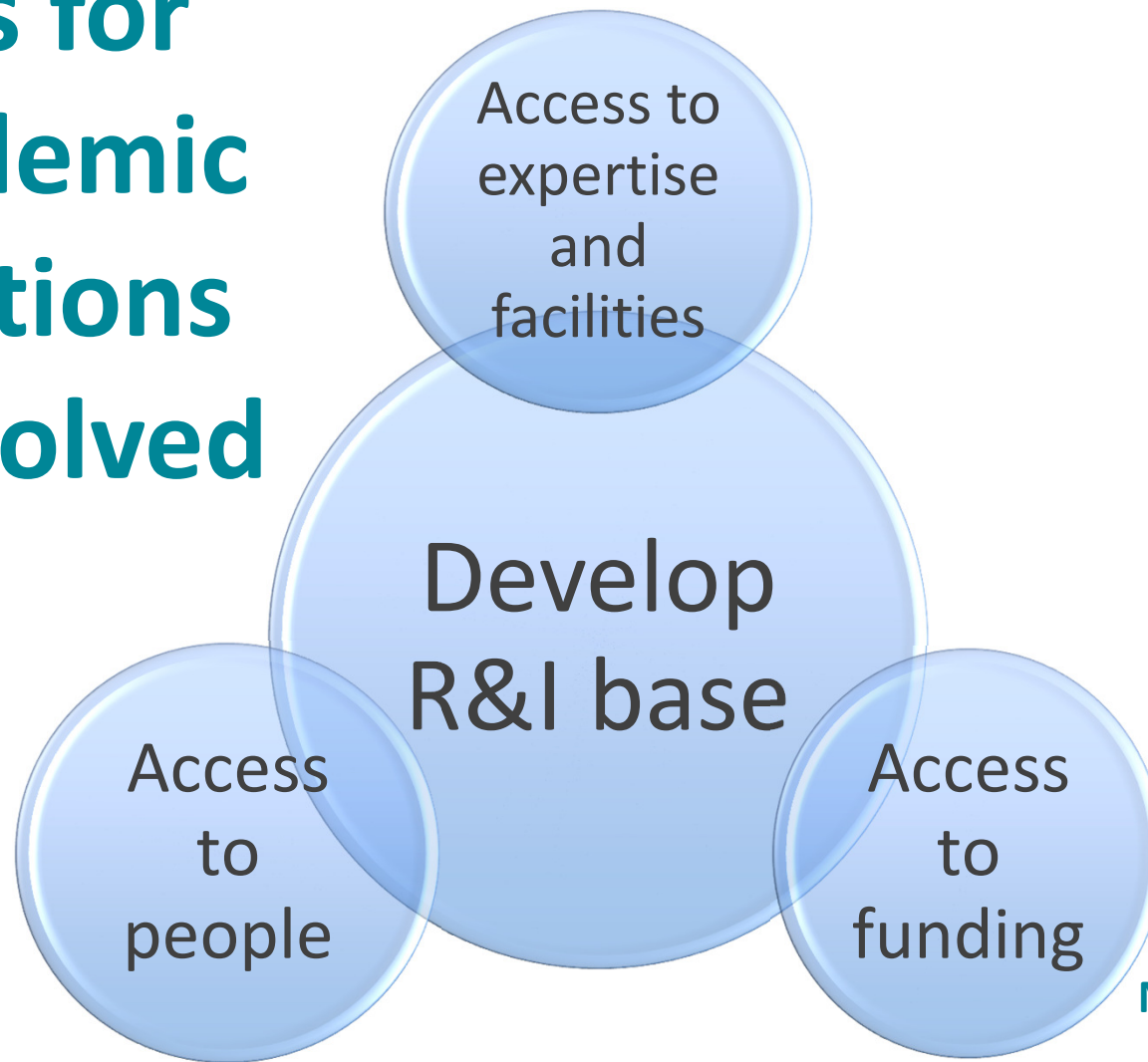


Marie S-Curie Actions: Route to ERC Success

- Data analysis by EC shows:
 - PIs on Marie Curie projects, e.g. ITN, are more likely to win an ERC Grant than their peers
 - Ditto for Marie Curie Individual Fellowship holders
- Good examples at home:
 - 2013 ERC Starting Grant Winners Dr Aoife Gowen and Dr David Hoey are former Marie Curie Fellows
 - Both used their fellowship to work outside of Ireland, build an international network and up-skill in key areas
 - Dr Gowen wrote her ERC proposal in the final year of MC award



Reasons for non-academic organisations to get involved



No % co-financing
required



Choose your level of involvement

Start getting involved

- ✓ Host secondments
- ✓ Provide specific training modules

Focus on core business & short- to medium-term research agenda

- ✓ Recruit one or more researchers during their entire fellowship
- ✓ Build around a common project

Develop medium- to long-term collaborations around a common strategy

- ✓ Gain and transfer knowledge/expertise through staff exchange
- ✓ Take part in shaping the training of researchers you would like to hire

Deadlines 2016

CALL	Opening Date	Closing Date
H2020-MSCA-ITN-2016	15-Oct-2015	12-Jan-2016
H2020-MSCA-NIGHT-2016	15-Oct-2015	13-Jan-2016
H2020-MSCA-RISE-2016	6-Jan-2015	28-Apr-2015
H2020-MSCA-IF-2016	12-Apr-2016	14-Sep-2016
H2020-MSCA-COFUND-2016	14-Apr-2016	29-Sep-2016

Download the Work Programme and Call Documentation at

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2016_2017/main/h2020-wp1617-msca_en.pdf

Work Programme covers Calls in 2016 and 2017

Thank you!

mariecurie@iua.ie

<http://www.iua.ie/irish-marie-curie-office/introduction/>



Marie Skłodowska-Curie
Office Ireland



MarieCurieActionsIre



@Mariescurie_ire

