



European
Commission

MARIE SKŁODOWSKA- CURIE ACTIONS 2014

Innovative Training Networks (ITN)

Research and Innovation Staff Exchange (RISE)

Kaisa Hellevo

Thessaloniki, 14th February 2014

*Research
Executive
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OVERVIEW

INNOVATIVE TRAINING NETWORKS (ITN)

**RESEARCH AND INNOVATION STAFF
EXCHANGE (RISE)**

ETHICS

TIPS



H2020

Europe 2020 priorities

International cooperation

European Research Area

Societal Challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture, marine and maritime research, and the bio-based economy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, resource efficiency and raw materials
- Inclusive, innovative and secure societies

Industrial Leadership

- Leadership in enabling and industrial technologies (ICT, nano, materials, bio, manufacturing, space)
- Access to risk finance
- Innovation in SMEs

Excellent Science

- European Research Council
- Future and Emerging Technologies
- **Marie Skłodowska-Curie actions on skills, training and career development**
- Research infrastructures

Simplified access

Dissemination & knowledge transfer

Marie Skłodowska-Curie Actions



ITN Innovative Training Networks

What does it offer?

High-quality research training delivered through international and interdisciplinary networks, industrial doctorates or joint doctorates

Who applies?

International networks of research organisations from the academic and non-academic sectors

Who is funded?

Researchers at doctoral level (less than four years of full-time research experience and no doctoral degree)

Call details:

Opened: 11 December 2013
Closes: 09 April 2014
at 17.00.00 CET
Budget: € 405.18 million



IF Individual Fellowships

What does it offer?

Opportunities to work on personal research projects by moving between countries and possibly sectors to acquire new skills

Who applies?

Individual researchers together with the host organisation

Who is funded?

Postdoctoral researchers

Call details:

Opens: 12 March 2014
Closes: 11 September 2014
at 17.00.00 CET
Budget: € 240.50 million



RISE Research and Innovation Staff Exchange

What does it offer?

The exchange of staff members involved in research and innovation to develop sustainable collaborative projects and the transfer of knowledge

Who applies?

International networks of research organisations from the academic and non-academic sectors

Who is funded?

Researchers, technical, administrative and managerial staff of any nationality and at all career levels

Call details:

Opened: 11 December 2013
Closes: 24 April 2014
at 17.00.00 CET
Budget: € 70 million



COFUND Co-Funding of Regional, National and International Programmes

What does it offer?

Regional, national or international programmes to foster excellence in researchers' training, mobility and career development

Who applies?

Organisations funding or managing doctoral programmes or fellowship programmes

Who is funded?

Researchers at doctoral and postdoctoral level

Call details:

Opens: 10 April 2014
Closes: 02 October 2014
at 17.00.00 CET
Budget: € 80 million



MSCA in H2020

MSCA Objective

Main objective

- Ensure the optimum development and dynamic use of Europe's intellectual capital in order to generate new skills and innovation

Rationale

- ✓ Encourage new, creative types of training and career development
- ✓ Make best researchers in Europe and the world work together across countries, sectors and disciplines
- ✓ Create a whole new mind-set in Europe, crucial for entrepreneurship and innovation



MSCA in H2020

MSCA – Key Features

- ✓ *Bottom-up approach*
- ✓ *Supporting researchers' **careers***
- ✓ ***Mobility**, both trans-national and inter-sectoral*
- ✓ *Enhanced **academic** and **non-academic** sector collaboration*
 - ✓ Broad definition of industry involvement: participation of businesses (including SMEs) and other socio-economic actors in the non-academic sector
- ✓ *Excellent **employment and working conditions**, in line with the EU Charter and Code for Researchers*



Innovative Training Networks (ITN)



Objectives

- ✓ Training of innovative **early-stage researchers** through **international and interdisciplinary networks, industrial doctorates or joint doctorates**
- ✓ Excellence in doctoral/early-stage research training
- ✓ Cooperation between the academic and non-academic sectors
- ✓ Mobility across sectors, countries and disciplines
- ✓ Skills to match public and private sector needs



Who can apply?

✓ **Networks of organisations** involved in research and (research) training apply for funding.

What types of organisations can apply?

✓ Two different types:



✓ **Academic sector**: public or private **higher education establishments** awarding academic degrees, public or private **non-profit research organisations** whose primary mission is to pursue research, **international European interest organisations** (e.g. CERN, EMBL).



✓ **Non-academic sector**: includes any entity not included in the academic sector, e.g. large companies, SMEs, NGOs, museums, hospitals, international organisations (e.g. UN).



Innovative Training Networks (ITN)

Participants from which countries can apply?

- EU Member States (**MS**)
- Associated Countries (**AC**)
- Other Third Countries (**OTC**)

Minimum Country Participation in an ITN

Implementation Mode	Country of participant(s)
European Training Network (ETN)	3 different countries: MS or AC
European Industrial Doctorates (EID)	2 different countries: MS or AC
European Joint Doctorates (EJD)	3 different countries: MS or AC

- **Above the minimum** number, participants in other countries are eligible to participate.
- Participants located in **OTCs listed in Annex A** to the Work Programme may receive funding.
- International organisations or participants in an **OTC not listed** in Annex A will only receive funding in exceptional cases.



Innovative Training Networks (ITN)

Participants

Academic and non-academic organisations can take part as either a **beneficiary** or a **partner organisation**:

Network Status	Signs the Grant agreement	Recruitment of Researchers	Training and / or Hosting of Seconded Researchers	Participation in Supervisory Board	Directly Claims Costs
Beneficiary	✓	✓	✓	✓	✓
Partner organisation	X	X	✓	✓	X

NB. Partner organisations complement the programme. Each partner organisation must include a letter of commitment in Part B of the proposal. The precise role of each partner organisation should also be clearly described in the proposal.



Innovative Training Networks (ITN)

Early Stage Researchers

Innovative Training Networks are **exclusively** for **early-stage researchers in the first 4 years (full-time equivalent research experience) of their career and not awarded a PhD at the time of their (first) recruitment in the project.**

• Full-time equivalent research experience is measured from the date when a researcher obtained the degree which would formally entitle him or her to embark on a doctorate, either in the country in which the degree was obtained or in the country in which the researcher is recruited

- Researchers recruited for min. 3 months and max. 36 months/researcher
 - after the project has started
 - within the project duration (typically 48 months).

- No restrictions based on nationality.

***experience is determined at date of recruitment in ITN!**



Innovative Training Networks (ITN)

Mobility rule

- The researcher must not have resided or carried out his/her main activity (work, studies, etc.) in the country of his/her host organisation for more than **12 months in the 3 years** immediately prior to his/her (first) recruitment.
- Compulsory national service and/or short stays such as holidays are not taken into account.
- Exception:** for international organisations, the mobility rule does not apply to the hosting of eligible researchers. However, the appointed researcher shall not have spent more than 12 months in the 3 years immediately prior to recruitment at the same organisation.

eligibility determined at date of recruitment in ITN!



Innovative Training Networks (ITN)

3 implementation modes

Indicative budget

European
Training
Networks

349.68 MEUR
8 scientific panels
LIF, ENG, ENV,
PHY, CHE, MAT,
ECO, SOC

European
Joint
Doctorates

30 MEUR
Separate evaluation panel

European
Industrial
Doctorates

25.5 MEUR
Separate evaluation panel

405.18 MEUR



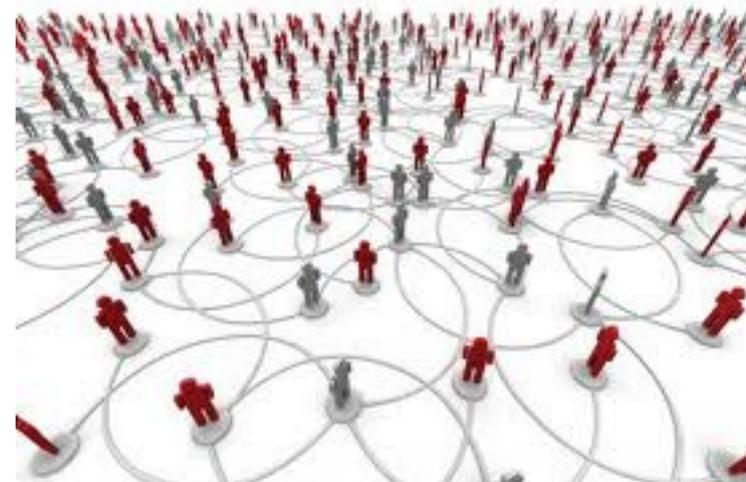
Common features

- International network of partners which recruit and host ESRs based on joint research training/doctoral programme.
- Research fields chosen by applicants in multi/interdisciplinary and emerging fields of S&T.
- Training through individual research projects within the framework of the overall research topic.
- Meaningful exposure to the non-academic sector.
- Supervisory Board.
- Typical project duration 48 months.



Typical activities

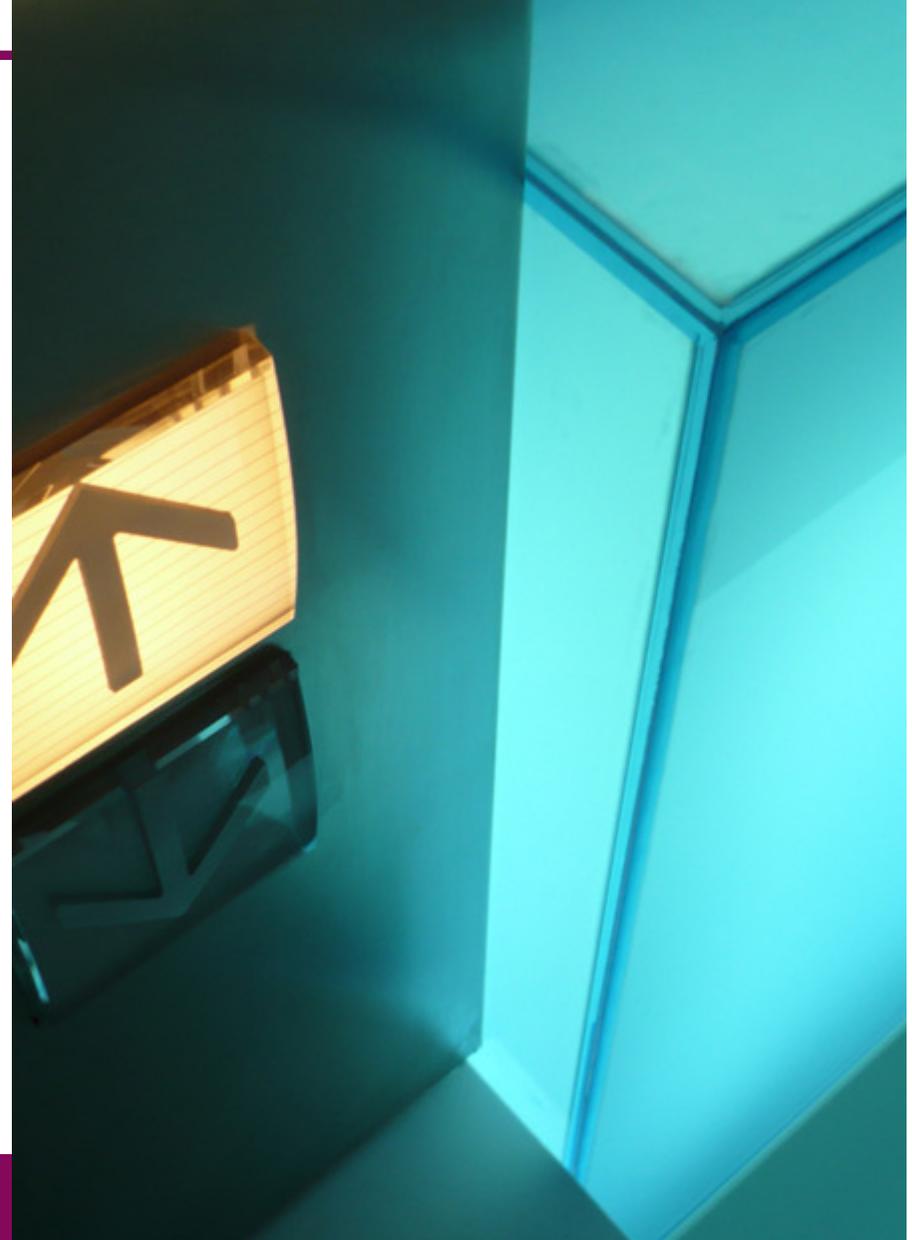
- Training in ITN should primarily be undertaken through research on individual projects.
- Network-wide training activities (e.g. seminars, workshops and summer schools).
- Training in key transferable skills.
- Cooperation and exchange of knowledge within the network.
- Communication & Dissemination.
- Public engagement.





European Training Networks (ETN)

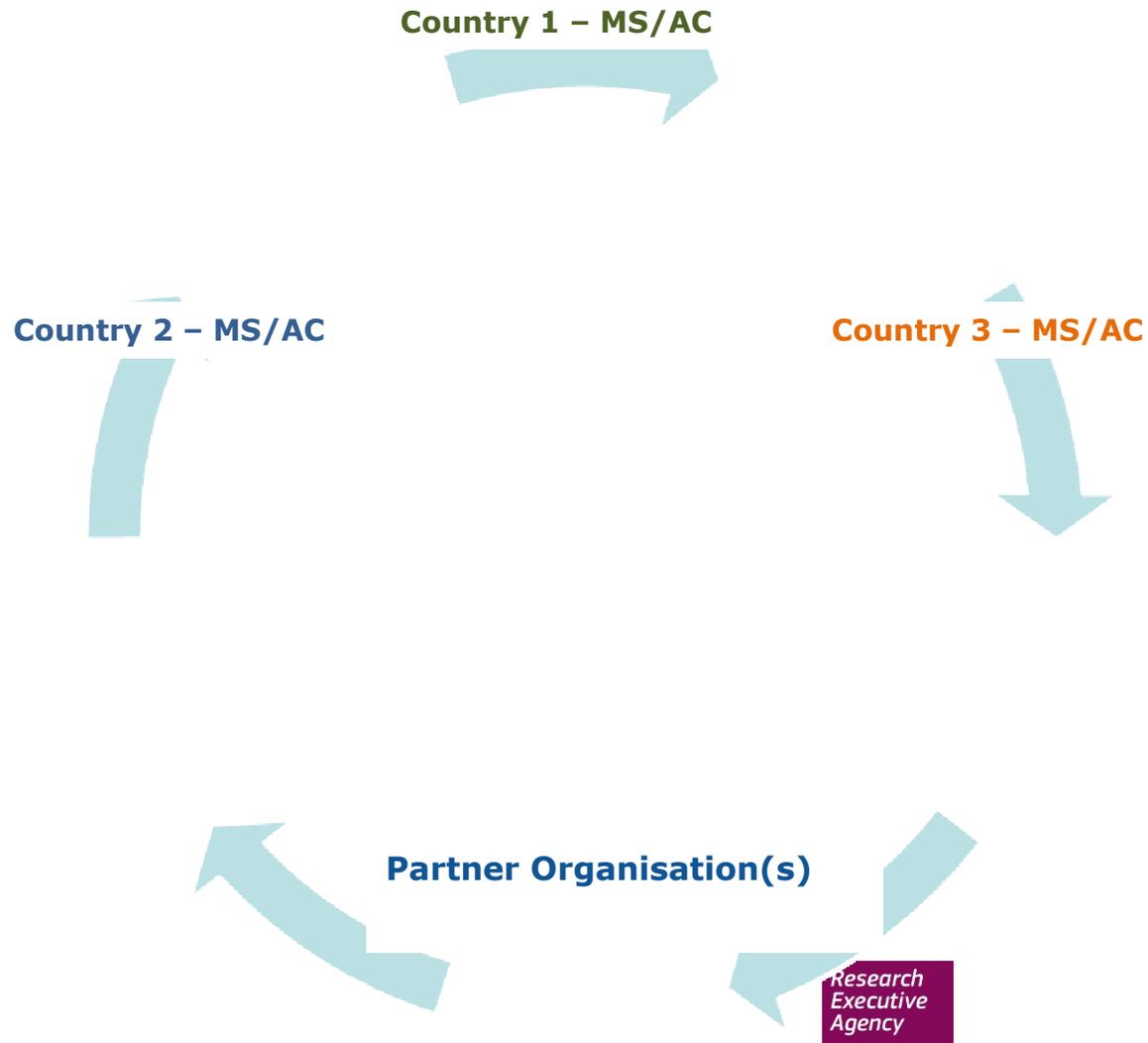
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European Training Networks (ETN)

ETN



Network composition:

- Min. 3 beneficiaries from 3 MS/AC. **Typical size: 6-10 participants.**
- Each beneficiary must recruit and host at least one researcher at its premises.
- Participation of **non-academic sector** considered essential.



European Training Networks (ETN)

ETN

- Joint research training programme in a field/topic proposed by the applicants
- Typical activities - see slide 16
- Maximum of **540 researcher months** for the network.
- **Secondments** to other beneficiaries and/or partner organisations up to 30% of the researcher recruitment period.
- **Joint supervision** encouraged.
- Maximum **40%** of total budget to one country.



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European Industrial Doctorates (EID)



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European Industrial Doctorates (EID)

EID

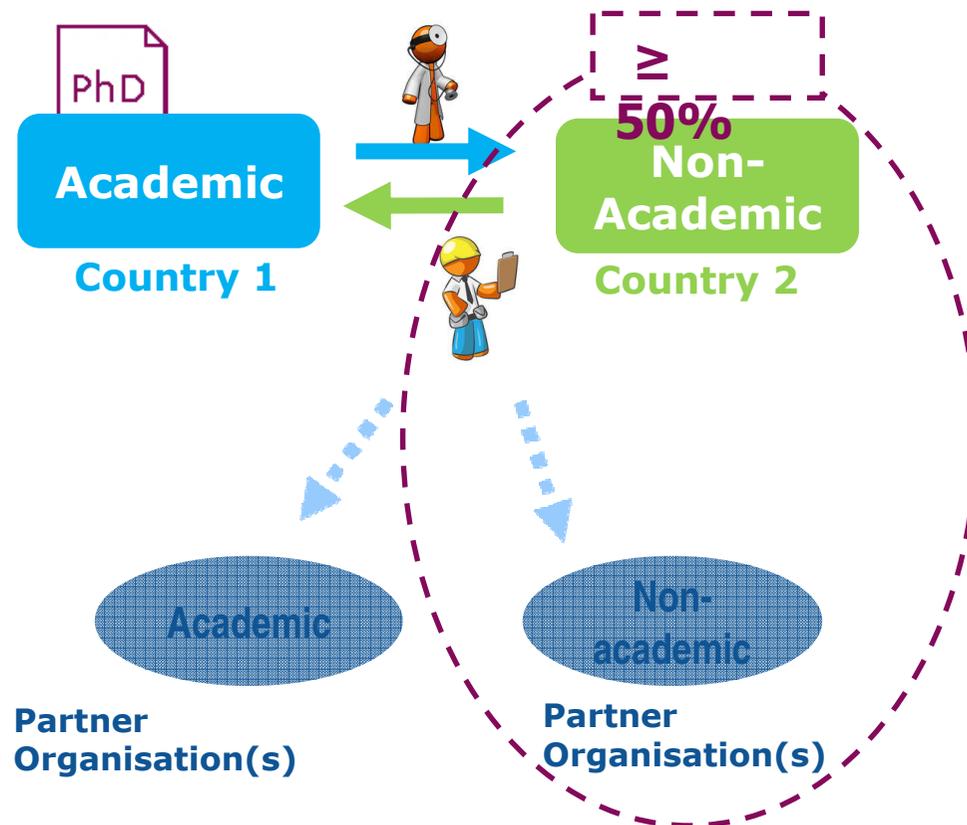
Objective

Doctoral training programme in collaboration with non-academic sector to generate skills to better match public and private sector needs.

How?

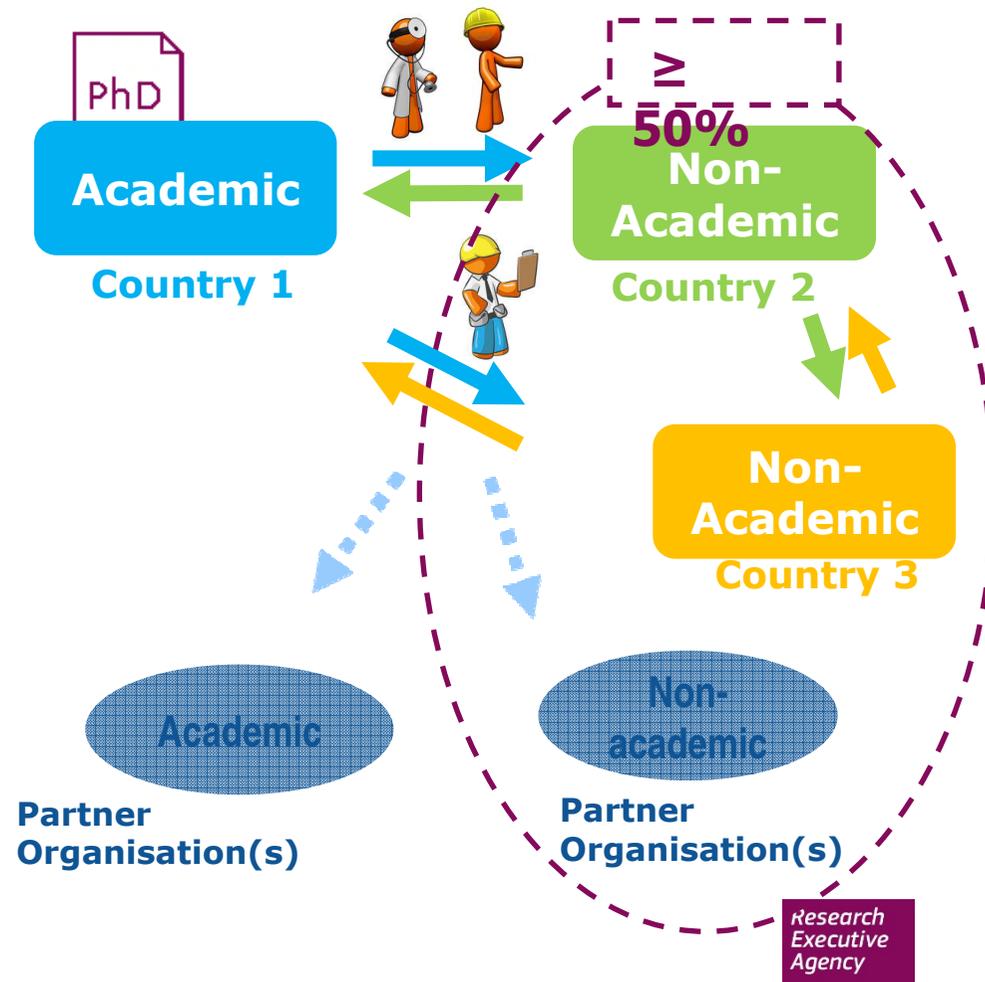


EID – 2 beneficiaries



- **2 beneficiaries**
 - 1 academic (**able to award doctoral degrees**)
 - 1 non-academic
- 2 countries (MS/AC)
- **Max. 180 researcher-months**

EID – Multi-beneficiaries



- **3 or more beneficiaries**
 - Min. 1 academic (**able to award doctoral degrees**)
 - Min. 1 non-academic in 2 countries (MS/AC)
 - Additional beneficiaries any sector, any country
- **Max. 540 researcher-months**



European Industrial Doctorates (EID)

EID requirements

- Mandatory **PhD enrolment** at one of the **academic partners**
- Each ESR must spend at least **50%** of time at **non-academic sector** (beneficiaries and partner organisations)
- Mandatory **joint governance structure** with joint selection, supervision, monitoring and assessment procedures
- Each ESR must be jointly supervised by at least two supervisors, one from each sector
- Mandatory consortium agreement

Typical activities - see slide 16



EID recruitment

Each researcher is recruited:

- 100% by a beneficiary and sent to other partner(s) for the share of time foreseen in the project,

**Option
1**

OR

- Separately by each beneficiary for the period of time spent there.

**Option
2**

When selecting the recruitment option, consider:

- Influence on salary (country correction coefficients)
- Ease of implementation



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European Joint Doctorates (EJD)

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European Joint Doctorates (EJD)

Objectives of EJDs



- **Promoting international, intersectoral and multi/inter-disciplinary** cooperation in doctoral training in Europe.
- Creation of **joint doctoral programmes**.
- Delivery of **joint, double or multiple doctoral degrees**.



European Joint Doctorates (EJD)

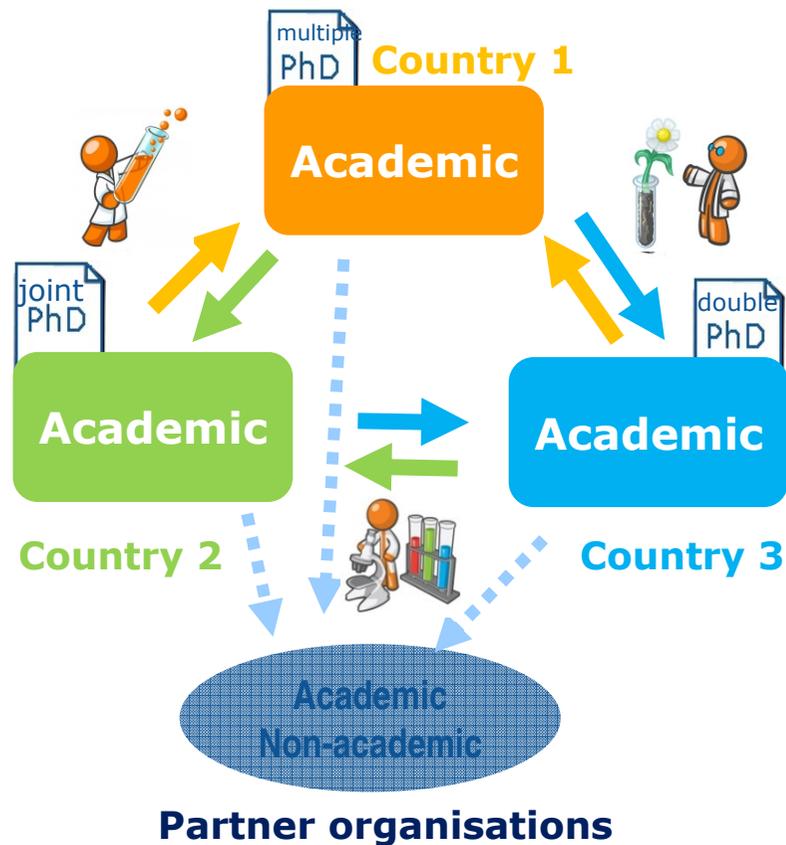
Joint/double or multiple degree: definitions

Joint degree : single diploma issued by at least two higher education institutions offering integrated programme and recognised officially in the countries where the degree-awarding institutions are located



Double or multiple degree: two or more separate national diplomas issued by two or more higher education institutions and recognised officially in the countries where the degree-awarding institutions are located

European Joint Doctorates (EJD)



Network composition:

- At least **3 beneficiaries** from **different MS/AC** entitled to **award doctoral degrees**. Additional beneficiaries or partner organisations from any country, sector and discipline.
- Participation of **non-academic sector** essential.



European Joint Doctorates (EJD)

EJD requirements:

- Mandatory **enrolment** in the **joint doctoral programme**
- Mandatory provision of **joint, double or multiple degrees** (letters of institutional commitment signed by a legal representative needed in the proposal).
- Mandatory **joint governance structure** with joint admission, selection, supervision, monitoring and assessment procedures.



European Joint Doctorates (EJD)

EJD

- **Typical activities** - Refer to slide 16
- Maximum of **540 researcher months** for the network.
- **Secondments** to other beneficiaries and/or partner organisations up to **30%** of the researcher recruitment period.
- Maximum **40%** of total budget to one country.
- Recruitment strategy up to the consortium, depending on the institutions requirements - options as in EID (one or more beneficiaries can recruit).



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ITN Evaluation Criteria



ITN Evaluation Criteria

<u>ITN - Marie Skłodowska-Curie Innovative Training Networks</u>		
Excellence	Impact	Implementation
50%	30%	20%
Weighting		
1	2	3
Priority in case of <i>ex aequo</i>		
NB: An overall threshold of 70% will be applied to the total weighted score.		



Evaluation Criterion 1: EXCELLENCE

- **Quality, innovative aspects and credibility of the research programme** (including inter/multidisciplinary and intersectoral aspects)
- **Quality and innovative aspects of the training programme** (including transferable skills, inter/multidisciplinary and intersectoral aspects)
- **Quality of the supervision** (including mandatory joint supervision for EID and EJD projects)



Evaluation Criterion 2: IMPACT

- **Enhancing research- and innovation-related human resources, skills, and working conditions to realise the potential of individuals and to provide new career perspectives**
- **Contribution to structuring doctoral/early-stage research training at the European level and to strengthening European innovation capacity, including the potential for:**
 - a) meaningful contribution of the non-academic sector to the doctoral/research training, as appropriate to the implementation mode and research field
 - b) developing sustainable joint doctoral degree structures (for EJD projects only)
- **Effectiveness of the proposed measures for communication and dissemination of results**



Evaluation Criterion 3: IMPLEMENTATION

- **Overall coherence and effectiveness of the work plan**, including appropriateness of the allocation of tasks and resources (including awarding of the doctoral degrees for EID and EJD projects)
- **Appropriateness of the management structures and procedures**, including quality management and risk management (with a mandatory joint governing structure for EID and EJD projects)
- **Appropriateness of the infrastructure of the participating organisations**
- **Competences, experience and complementarity of the participating organisations and their commitment to the programme**



- **Some elements of each evaluation criterion are specific to EID and/or EJD.**
- **Link to electronic submission system on the call page**
 - **Proposal part A – administrative information**
 - **Applicants must follow the template given in part B (required sub-headings).**



In addition to the evaluation criteria:

Operational capacity of the hosts will be assessed by evaluators

- Table on **data for non-academic beneficiaries** (1st page of part B proposal) and Table on **capacity of the participating organisations** (section 5 of part B proposal) must be complete!
- Each host institution must have **appropriate premises to host researchers** (not just access to equipment), as well as **appropriate staff resources to supervise/train researchers**.



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Funding mechanism

Unit costs

Unit costs are a pre-estimated cost for the implementation of the action.

Advantage when applying

Automated calculation of budget when computing ESR months in your proposal

**1 unit
=
1 month of
eligible ESR**



ITN Costs categories:

1 unit
=
1 month of
eligible ESR

Unit costs/researcher month:

Researcher			Institution	
<u>Living allowance*</u>	Mobility allowance	Family allowance	Research, training and networking costs	Management and indirect costs
3.110	600	500	1.800	1.200

- Country correction coefficient applies to the living allowance.
- Researcher allowances include employer contributions.
- Researcher allowances are a minimum to be paid (top-up funds from other sources permitted).



Research and Innovation Staff Exchange (RISE)



RISE

Objectives

International and inter-sector cooperation through the exchange of research and innovation staff

- ✓ New type of exchange of staff action to stimulate transfer of knowledge
- ✓ Flexible inter-sector (within Europe) and international (with 3rd countries) exchanges of highly skilled research and innovation staff
- ✓ No recruitment foreseen
- ✓ Based on a common research project



RISE

Activities

- ✓ Project built on **joint research and innovation activities**
- ✓ Project implemented through the **secondment of staff** (no recruitments)
- ✓ Each staff member seconded for a period of **1 to 12 months**
- ✓ The maximum size for a project is **540 person months**
- ✓ No minimum size explicitly defined for the project, but substantial impact is expected
- ✓ Maximum project duration is **4 years**



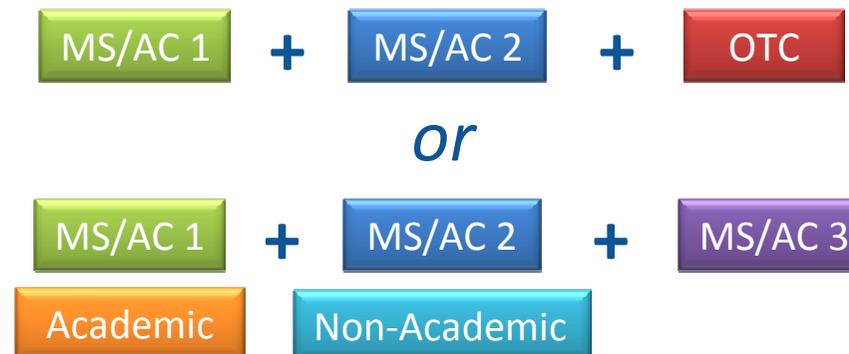
Network composition

At least 3 independent participants in 3 different countries

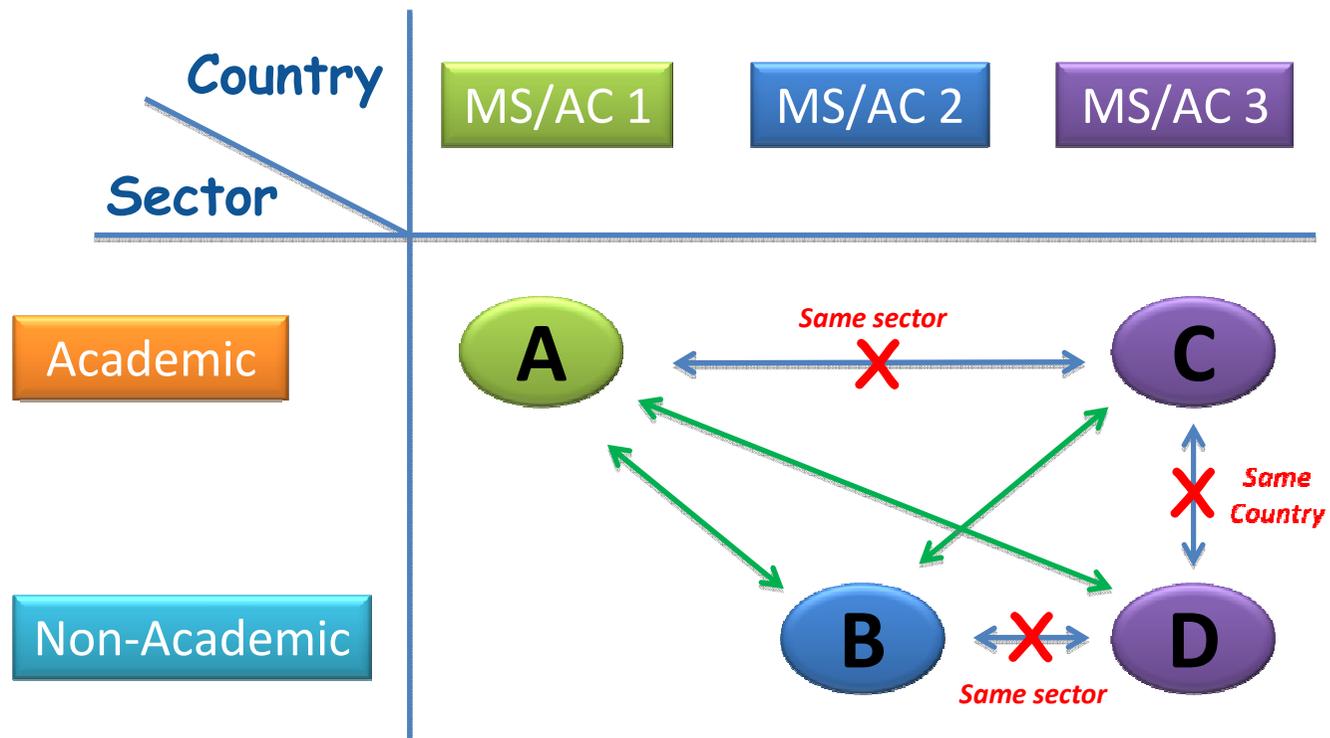
✓ *At least 2 participants from 2 different MS/AC*

✓ *If all in MS/AC: at least 1 academic and 1 non-academic* beneficiary*

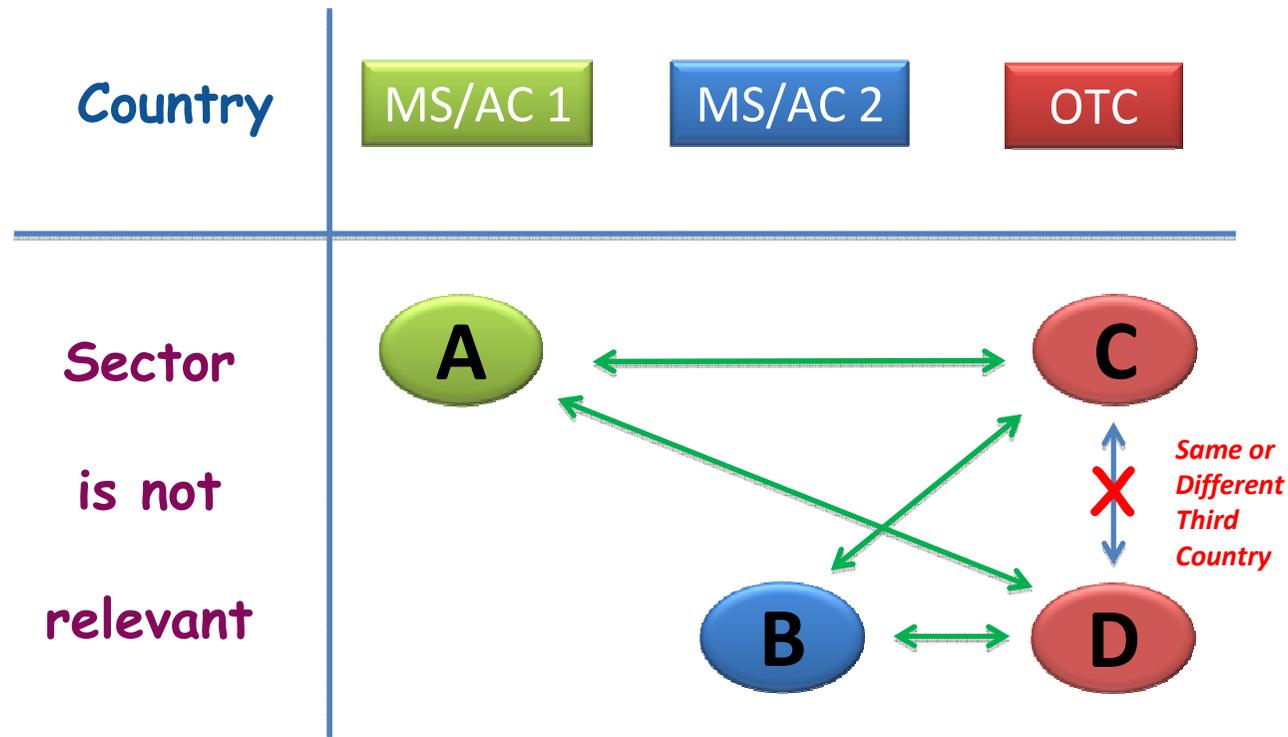
In practice, 2 possible minimum settings:



Intra-European Exchanges



Europe-Third Countries Exchanges



!
Secondments from an OTC to a MS/AC
 are not always eligible for EU funding but all of them must be described in the proposal.



RISE

Countries Eligible For EU Funding

- ✓ EU Member States
- ✓ - Overseas Countries and Territories linked to the MS (As defined on page 3 of General Annex A to the Horizon 2020 Work Programme 2014-2015)
- ✓ - Horizon 2020 Associated Countries (Subject to the adoption of the association agreements)
- ✓ - The Other Third Countries listed (On page 3 of General Annex A to the Horizon 2020 Work Programme 2014-2015)



RISE

Countries not listed previously are not eligible for EU funding

In practice, those countries are mainly: Australia, Brazil, Canada, China, India, Japan, Mexico, New Zealand, Republic of Korea, Russia, United States.

In **very exceptional cases**, beneficiary in these countries may be funded under the following conditions:

- a) It has competences/expertise that no organisation in MS/AC has and it is essential to the project
- b) The relevant transfer of knowledge can only be done via a secondment in the direction from OTC to MS/AC
- c) Points a) and b) must be endorsed by the expert evaluators



Staff Members

- Actively engaged in or linked to research/innovation activities for at least 6 months prior to first secondment
- Types of staff members:
 - ESR (no PhD and < 4 years research experience)
 - ER (PhD or > 4 years research experience)
 - Managerial staff
 - Administrative or Technical staff
- In-built return mechanism



RISE

3. RISE - Marie Skłodowska-Curie Action: Research and Innovation Staff Exchange		
Excellence	Impact	Implementation
Quality, innovative aspects and credibility of the research (including inter/multidisciplinary aspects)	Enhancing research- and innovation-related human resources, skills and working conditions to realise the potential of individuals and to provide new career perspectives	Overall coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources
Clarity and quality of knowledge sharing among the participants in light of the research and innovation objectives.	To develop new and lasting research collaborations, to achieve transfer of knowledge between research institutions and to improve research and innovation potential at the European and global levels	Appropriateness of the management structures and procedures, including quality management and risk management
Quality of the interaction between the participating organisations	Effectiveness of the proposed measures for communication and results dissemination	Appropriateness of the institutional environment (infrastructure)
		Competences, experience and complementarity of the participating organisations and institutional commitment
50%	30%	20%
Weighting		
1	2	3
Priority in case of ex aequo		



RISE

Evaluation in 8 scientific panels (LIF, ENG, PHY, MAT, CHE, ENV, ECO, SOC)

- Operational capacity has to be demonstrated !

Proposals must include a description of:

- The **profile of the people** who will be primarily responsible for carrying out the proposed work
- Any significant **infrastructure** and major items of technical **equipment**, relevant to the proposed work
- Any **partner organisations** (not beneficiaries) contributing towards the proposed work



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RISE Costs categories

Funding mechanism – unit costs

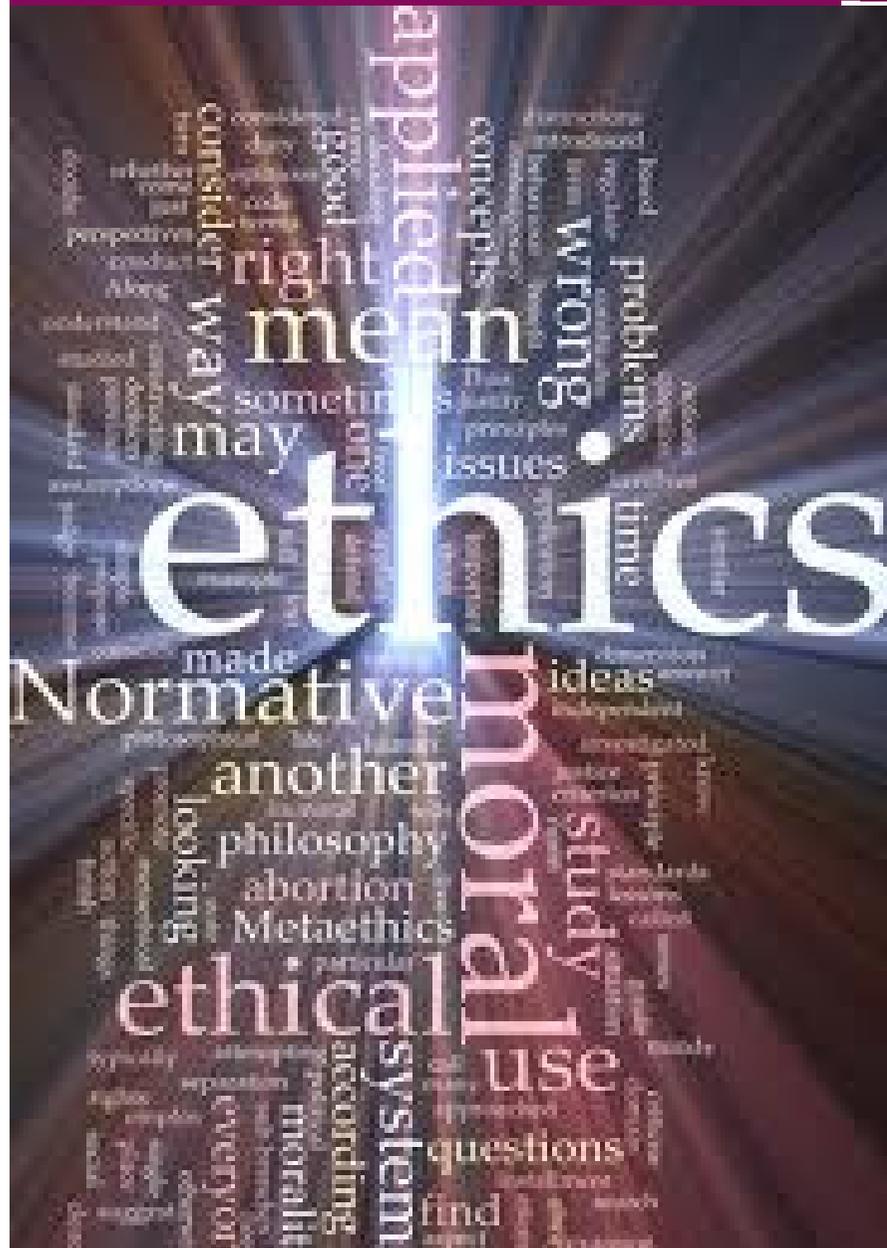
**1 unit
=
1 month of
eligible
secondment**

Marie Skłodowska-Curie Action	Staff member unit cost * <i>person/month</i> Top-up allowance	Institutional unit cost * <i>person/month</i>	
		Research, training and networking costs	Management and indirect costs
Research and Innovation Staff Exchange	2 000	1 800	700

*These unit costs are subject to a funding rate of 100% and no country coefficients apply.



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Ethics Issues

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- All proposals considered for funding will be submitted to an **Ethics Review**.
- Each applicant is responsible for:
 - ✓ identifying any potential ethical issues
 - ✓ handling ethical aspects of their proposal
 - ✓ detailing how they plan to address them in **sufficient detail already at the proposal stage**.
- The Ethics part of each proposal (ethics section in part A (SEP) and part B) must be **as complete as possible** including a description of the issues and how they will be handled!





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Tips

Drafting a proposal

- WP "2014" and the specific Guide for Applicants for the call
- Meet the minimum eligibility requirements
- Consider all evaluation (sub)criteria
- Follow the part B template guidance and format
- Respect PAGE LIMITS
- Consistency Part A and Part B (# fellows-months, #part)
- Check part B formatting before submission
- Capacity of the participants to be clearly demonstrated
- Compliance with ethical principles



6 Tips for success



- Make it easy for the evaluators to find the information in the proposal!
- Structure and organize the information well
- Be precise, less is sometime more...
- Start writing the proposal ASAP
- Avoid last minute submission
- Impartial view...ask your colleagues to read it before...



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Applying and sources of help

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- ✓ Call information:
<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>
- ✓ Marie Skłodowska-Curie website:
<http://ec.europa.eu/research/mariecurieactions/>
- ✓ EURAXESS: <http://ec.europa.eu/euraxess/>
- ✓ The European Commission's Horizon 2020 Enquiry service:
<http://ec.europa.eu/research/index.cfm?pg=enquiries>
- ✓ Your National Contact Point



Closing date: ITN 9 April 2014 at 17:00:00 (Brussels local time)

Closing date: RISE 24 April 2014 at 17:00:00 (Brussels local time)



Thank you

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