Innovative Training Networks (ITN)

Marie Sklodowska-Curie Actions

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PNO

Marie Sklodowska-Curie Actions

Objective: Enhancing the skills of people behind research and innovation

Opportunities for:

- Research training
- Attractive career and knowledge-exchange opportunities

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

**Part of
Horizon 2020's
„Excellent Science"
pillar**

Key facts

Marie Sklodowska-Curie Actions	
Budget	6.16 billion € between 2014 and 2020
Research areas	Bottom up approach = free choice of research topic
Key features	• Transnational mobility of researchers • Collaboration of the academic and the industrial/non-academic sector • Multidisciplinary research challenges
Structure	5 different types of Marie Sklodowska-Curie Actions with yearly funding calls

Overview Actions

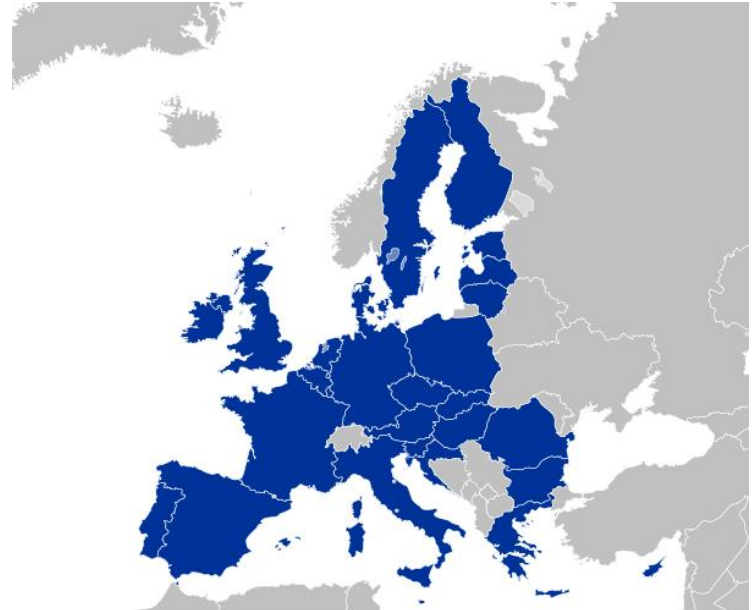|	ITN	RISE	IF	COFUND	NIGHT
Full name	Innovative Training Networks	Research and Innovation Staff Exchange	Individual Fellowships	Co-funding for regional, national and international programmes	European Researchers' Night
Focus	Setting-up training networks for the next generation of researchers	Co-funding of new or existing fellowship programmes	Recruitment of a single researcher for research and training	Research collaboration through staff exchange	Research awareness raising event focussed on the general public
Varieties	European Training Networks, European Industrial Doctorates, Joint Doctorates	Doctoral programmes, Fellowship programmes	European-, Reintegration- and Global Fellowships	Inter-sector stream, international stream	n/a
FP7 equivalent	ITN	IAPP and IRSES	IEF, IOF, IIF and RG	COFUND	NIGHT

Eligible countries

- **Member States (MS):** the EU-28
- **Associated countries (AC, to be confirmed):** Switzerland, Israel, Norway, Iceland, Liechtenstein, Turkey, the Former Yugoslav Republic of Macedonia and Serbia, Albania, Montenegro, Bosnia & Herzegovina, Faroe Islands and Republic of Moldova
- **Beyond the required minimum:** Third countries, especially International Cooperation partner countries (ICPC)

Participants

Academic sector	Non-academic sector
• Public or private higher education establishments • Public or private non-profit research organisations • International European interest organisations	• Any socio-economic actor not included in the academic sector (e.g. SMEs, large enterprises…)

Participation levels

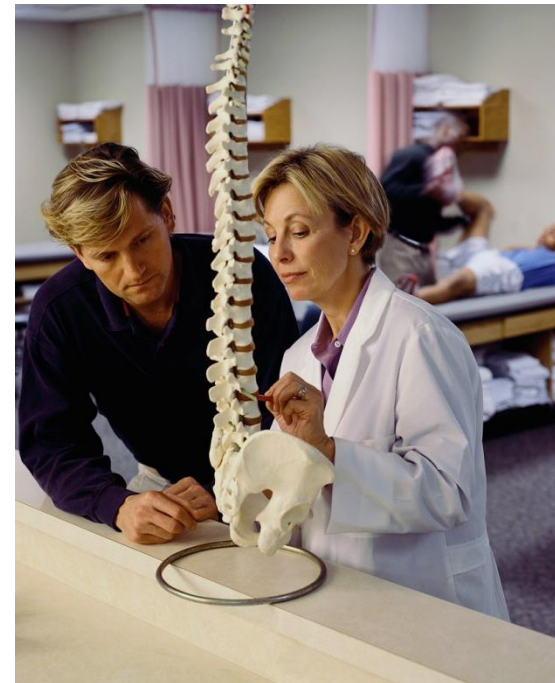| Beneficiaries	Partner organisations
• Full partners with responsibility for the project • Appoint, supervise, host and train researchers • Directly claim costs	• Associated via a letter of commitment • Provide training and secondments opportunities • Can be reimbursed by beneficiaries

Categories of researchers

Early-stage researchers (ESR)

- Early-stage researchers are post-graduate (or equivalent level) researchers in the first four years of their research careers at the time of recruitment

Mobility rule

Researcher shall not have resided or carried out their main activity in the host country for more than 12 months in the 3 years immediately prior to the reference date.

1 Programme overview

2 Requirements and rules

3 ITN

Innovative Training for Researchers (ITN)

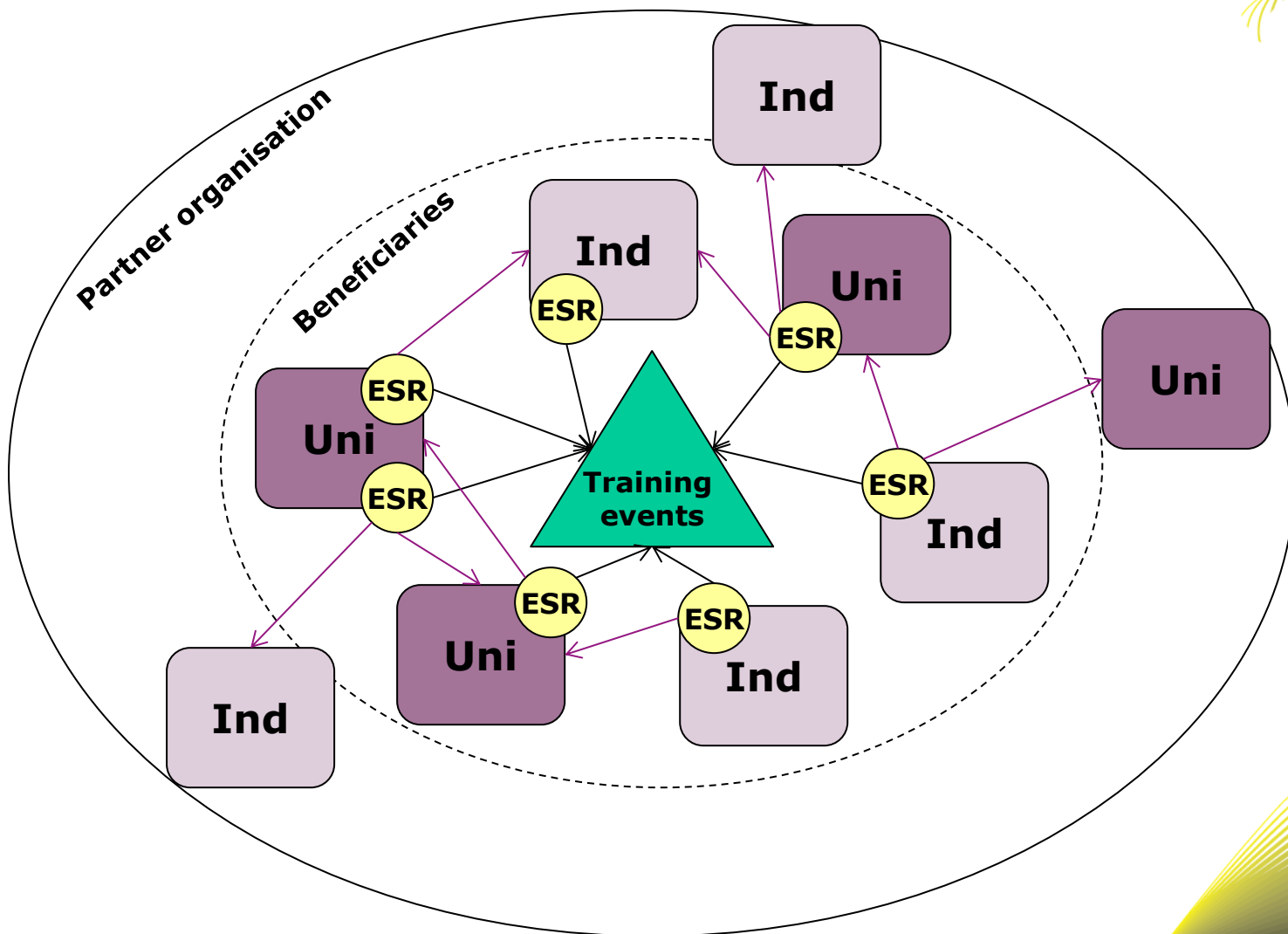**Objective:** Train a new generation of creative entrepreneurial and innovative early-stage researchers

	European Training Network (ETN)
Participation	• A network of a least three beneficiaries from different MS or AC, relevant participation from the academic and non-academic sector
Duration of recruitment	• 3 – 36 month per ESR
Max. number of researcher-month	• Max. 540 researcher-month
Project duration	• Typically 48 month
Other	• Not more than 40% of the contribution to hosts in the same country

Innovative Training for Researchers (ITN)

Variety	European Training Network (ETN)	European Industrial Doctorate (EID)	European Joint Doctorate (EJD)
Implementation	• Recruitment of ESRSs • Typically enrolment in a doctoral programme • Training of these ERSs through research on individual, personalised projects and complementary courses and jointly organised workshops, covering scientific and transferable skills	• Recruitment of ESRSs • Enrolment of the ESRs in a **doctoral programme is mandatory** • Training of these ERSs through research under supervision and courses and jointly organised workshops, including scientific and transferable skills • ESRs must spend **50% of their time in the non-academic sector**	• Recruitment of ESRSs • Enrolment of the ESRs in a **doctoral programme is mandatory** • Training of these ERSs through research under supervision and courses and jointly organised workshops, including scientific and transferable skills

Project constellation ETN

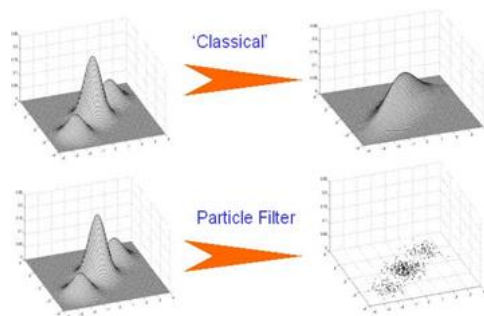## 1. ITN - Marie Skłodowska-Curie Innovative Training Networks

Excellence	Impact	Implementation
Quality, innovative aspects and credibility of the research programme (including inter/multidisciplinary and intersectoral 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 (including awarding of the doctoral degrees for *EID* and *EJD* projects)
Quality and innovative aspects of the training programme (including transferable skills, inter/multidisciplinary and intersectoral aspects)	**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)	**Appropriateness of the management structures and procedures,** including quality management and risk management (with a mandatory joint governing structure for *EID* and *EJD* projects)
Quality of the supervision (including mandatory joint supervision for *EID* and *EJD* projects)	Effectiveness of the proposed measures for **communication** and **dissemination of results**	**Appropriateness of the infrastructure of the participating organisations**
Quality of the proposed interaction between the participating organisations		**Competences, experience and complementarity of the participating organisations and their commitment to the programme**
50%	30%	20%
Weighting		
1	2	3

Example project I

- **Objective:** Research and training in the field of sensor data processing. The research programme will focus on the development of novel methods for real-time signal and data processing, based on data collected form sensors or networks of sensors.
- **Project partners:** 2 large industrial companies (one of them coordinator), 2 SMEs, 3 universities and 1 research institute from 4 different countries
- **522 researcher month**, recruitment of 13 Early-Stage Researchers and 2 Experienced Researchers plus 6 Visiting Researchers
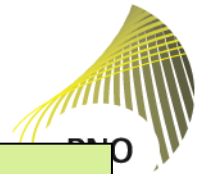- **EC contribution:** 3,2 million €
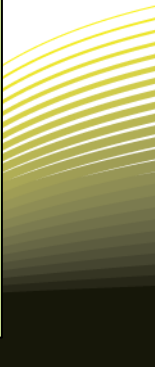- **Duration:** 48 month

Funding rates

Researcher unit costs person/month			Institutional unit costs person/month	
Living allowance	Mobility allowance	Family allowance	Research, training & networking costs	Management and indirect costs
3,100 €	600 €	500 €	1,800 €	1,200 €

Main differences with FP7

> ➢ **No more ERs! Only ESRs!**

> ➢ **Even stronger focus on innovation and industrial participation**

> ➢ **Overhead and management no in one flat-rate allowance**

> ➢ **Different proposal structure, less pages about 40 => 30**

> ➢ **Different evaluation criteria, stronger focus on Impact**

> ➢ **ETN: No additional changes**

> ➢ **EID: No more than two beneficiaries allowed**

> ➢ **EJD (compared with IDP): Now three partners instead of one**

Next call

- **Call publication:** 11 December 2013

- **Deadline:** 9 April 2014

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