



Gabinete de Promoção dos Programas Quadro ID&I
Fundação para a Ciência e Tecnologia | Agência de Inovação

H2020

Ações Marie Skłodowska-Curie

Universidade da Madeira, Funchal,

Mafalda Dourado

10/12/2015

Marie Skłodowska-Curie actions for every step of researcher career

doctoral degree?

international experience to boost your career?

partnerships academic/non-academic organizations or staff exchanges?

outreach activities?



Marie Skłodowska-Curie actions for every *stage* of your career

Doctoral degrees



ITN

Innovative Training Networks



COFUND

Also for post-doctoral programmes

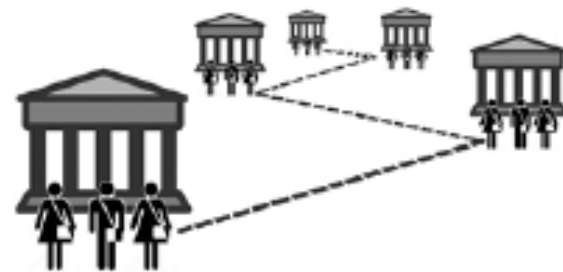
Post-doctoral Fellowships



IF

Individual Fellowships

Staff Exchange (managerial, technical)



RISE

Research and Innovation
Staff Exchange

Marie Skłodowska-Curie actions

Support the research career

Mobility, cross-border and cross-sector

- Opportunities **to work and train** with the best researchers in Europe and worldwide
- Exchanges between academia/industry (*staff exchange*)

Charter & Code - European Charter for Researchers & Code of Conduct for the Recruitment of Researchers

Marie Skłodowska-Curie actions

Aim: develop **new knowledge / enhance skills** of people behind **research and innovation**

Operate in a 'bottom-up' basis , covering **all scientific domains**

Level of **involvement is proportional to the participant's needs**

Strong accent on **participation of industry, SMEs and non-academia**
overall

What can be funded?

1) Organizational costs

Research, networking and training costs

Management and indirect costs

2) Costs of researchers and seconded staff

Living allowance or Top-up allowance

Mobility allowance

Family allowance

- ✓ 100% in ITN, IF and RISE
- ✓ 50% in Co-funding for doctoral and fellowship programmes

Who applies?

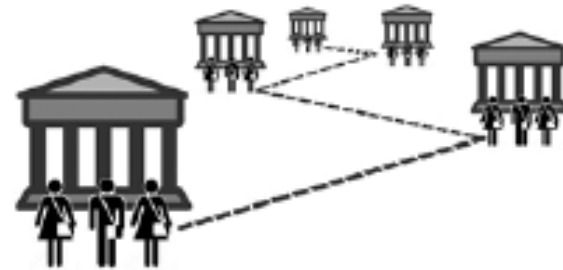
Individual with organisation



IF

Individual Fellowships

Hosts (consortium)



RISE

Research and Innovation
Staff Exchange

Hosts (consortium)



ITN

Innovative Training Networks

Funder



COFUND

Innovative Training Networks (ITN)

- ✓ **Raise excellence and structure research and doctoral training**
- ✓ Train a new generation of **creative, entrepreneurial and innovative early-stage researchers**
- ✓ Trigger **cooperation and exchange of best practice** among participants
- ✓ **Enhance researchers' employability** and provide them with new career perspectives
- ✓ **Triple 'i' dimension** of mobility and particular **focus on innovation skills**
- ✓ **Budget: € 370 Million** in 2015 (EID: 25 Mio, EJD 28 Mio)

**European
Industrial
Doctorates (EID)**

**European
Training
Networks (ETN)**

**European
Joint
Doctorates (EJD)**

Innovative Training Networks (ITN)

Country 1



Country 2

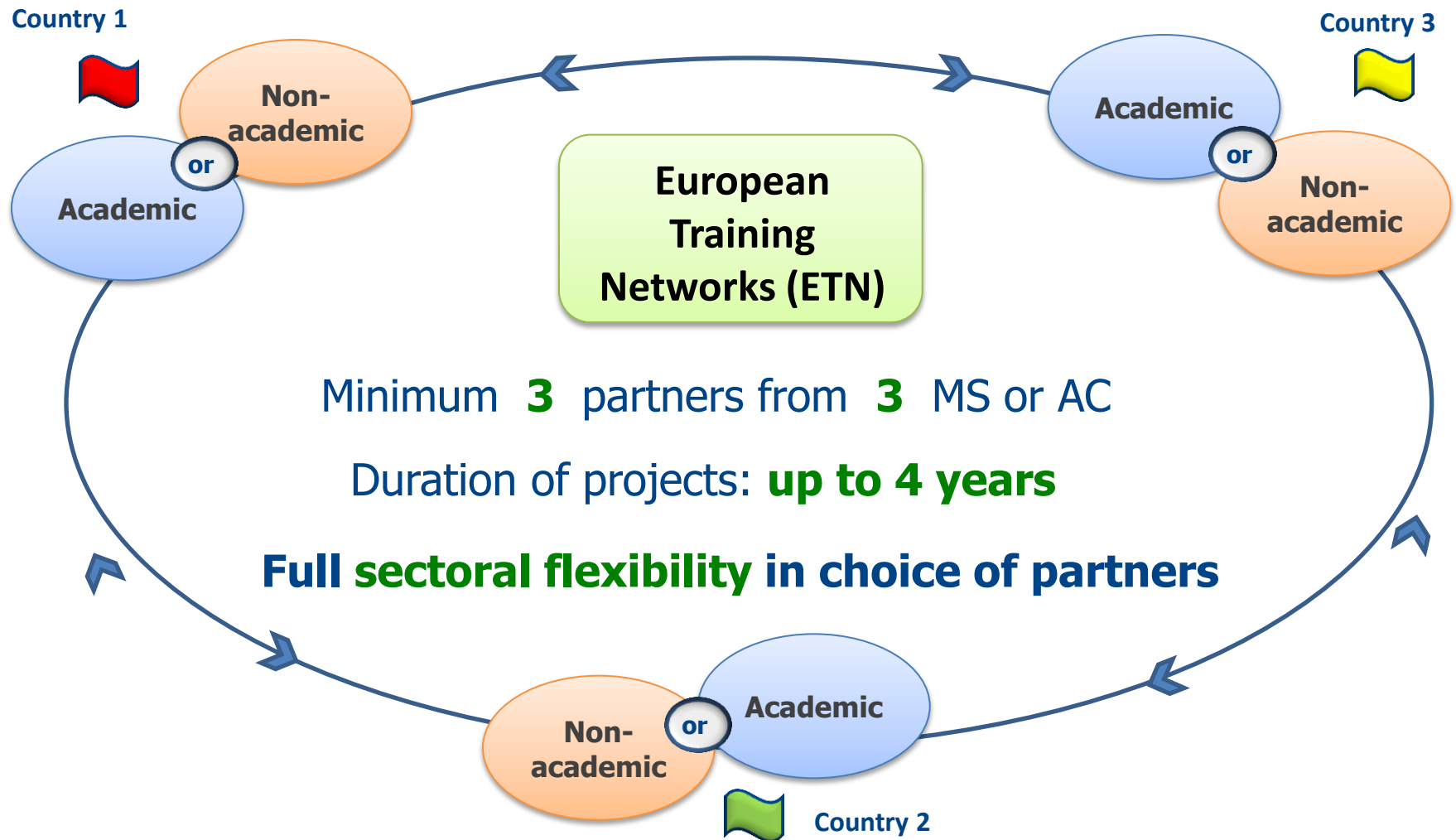
Inter-sectoral partnerships for doctoral training

Minimum **2** partners from **2** MS or AC and from **differing** sectors

Minimum **50%** of research time in non-academic sector

Separate selection panel

Innovative Training Networks (ITN)



Innovative Training Networks (ITN)

Country 1



Academic

Country 2



Academic

European
Joint
Doctorates (EJD)

Collaboration between **academic** organisations entitled to award doctoral degrees

Minimum **3** partners from **3** MS or AC

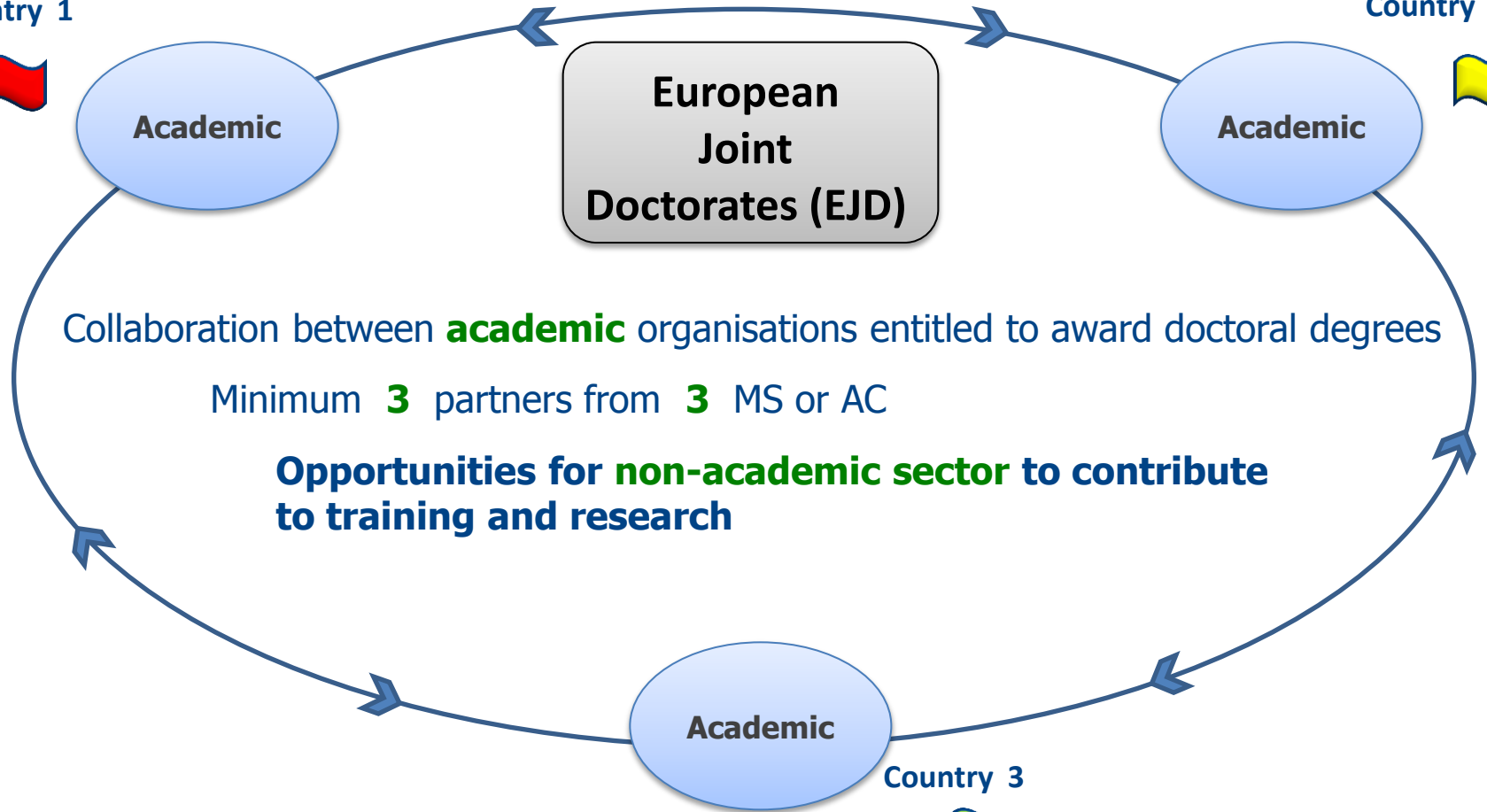
Opportunities for non-academic sector to contribute to training and research

Academic

Country 3



Education
and Culture



ITN – Financial Dimension



ITN

Innovative Training Networks

Unit costs expressed in person-months

| | |
|--|--------|
| Research, networking, training costs | 1800 € |
| Management and indirect costs | 1200 € |

| | |
|--------------------|---------------------|
| Living allowance* | 3110 [§] € |
| Mobility allowance | 600 [§] € |
| Family allowance | 500 [§] € |

- The living allowance base rate is multiplied by Country Correction Coefficient

§ Amount quoted is gross amount before deductions

COFUND

- ✓ by **co-funding** new or existing regional, national, and international programmes
- ✓ Promote **international, intersectoral and interdisciplinary research training**, as well as transnational and cross-sector **mobility** of researchers at all stages of their career
- ✓ Mono-beneficiary: **organisation funding or managing doctoral or post- doctoral programmes**
- ✓ **Leverage funding** and combat fragmentation (possible synergies with ESIF)
- ✓ **Spread MSCA best practices**
- ✓ **Budget: € 80 Million** in 2015 (Doctoral Programmes: 30 Mio)

Doctoral
Programmes

ESR

Fellowship
Programmes

ER



COFUND

COFUND

MSCA COFUND combined funding:

Option 1:
Applicant
applies for
ESIF infra-
Structures/
Equipment
BEFORE
H2020 MSCA

Application for MSCA
under H2020

Option 2:
Applicant applies at the same
time for ESIF as for H2020

Eligible costs under H2020 MSCA are limited to part-management of funds and contribution to researchers' subsistence costs (unit costs). Applicants can therefore apply for non-eligible costs such as infrastructure/large equipment under ESIF (ERDF) or for training events, networking under ESF.

COFUND – Financial Dimension

Unit costs expressed in person-months
(co-funding rate of 50%)

| | | | |
|------------------|--------|--|---------|
| Management costs | 650* € | Living allowance <i>Early-stage researchers</i> | 3710* € |
| | | Living allowance <i>Experienced researchers</i> | 5250* € |

- co-funding rate of 50%



COFUND

Individual

Fellowships

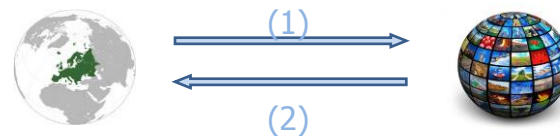
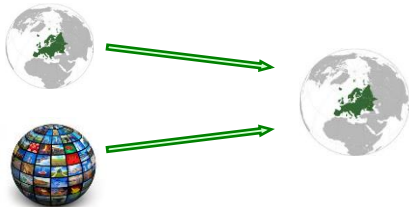
**For a host institution:
prepare your
expression of interest
In hosting an IF!**

European Fellowships

Career Restart
Panel

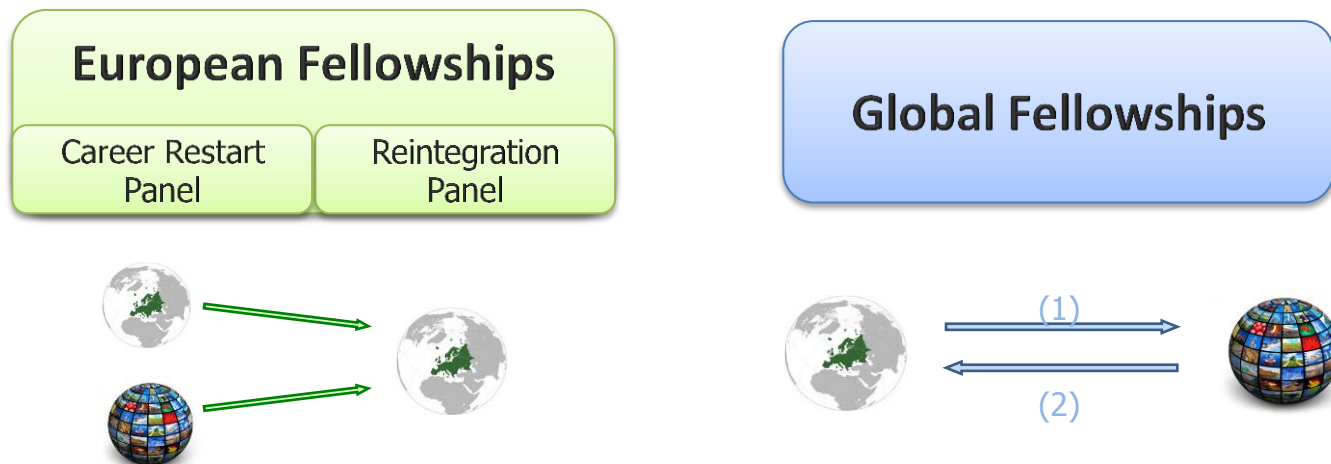
Reintegration
Panel

Global Fellowships



Individual Fellowships (IF)

- ✓ enhance the creative and innovative potential of **experienced researchers**
- ✓ provide opportunities to **acquire new knowledge, work on research projects in a European context or outside Europe**
- ✓ catalyse significant **development in their careers** in both sectors
- ✓ **strengthen the network** of the researcher and the host organisation
- ✓ **Budget: € 215 Million** in 2015 (Global Fellowships: 27 Mio)



IF – Financial Dimension



IF

Individual Fellowships

Unit costs expressed in person-months

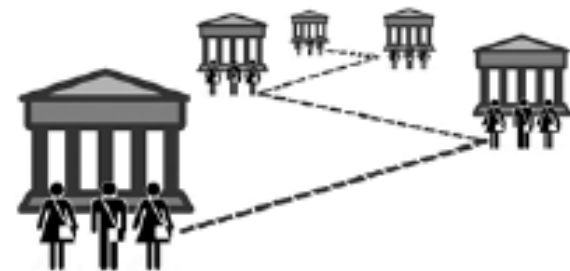
| | | | |
|--------------------------------------|-------|--------------------|---------------------|
| Research, networking, training costs | 800 € | Living allowance* | 4650 [§] € |
| Management and indirect costs | 650 € | Mobility allowance | 600 [§] € |
| | | Family allowance | 500 [§] € |

- The living allowance base rate is multiplied by Country Correction Coefficient

§ Amount quoted is gross amount before deductions

RISE – Research and Innovation Staff Exchange

- ✓ Strengthen the interaction between academic and non-academic organisations, and between Europe and third countries, through **research and innovation staff** exchanges
- ✓ International and inter-sector **transfer of knowledge** and sharing of ideas and of R&I culture
- ✓ At least **3 independent** participants in **3 different countries**
 - At least 2 participants from 2 different MS/AC (international)
 - If all in MS/AC: at least 1 academic and 1 non-academic
- ✓ Common **research and innovation project**
- ✓ Highly skilled research and innovation staff



RISE

Research and Innovation
Staff Exchange

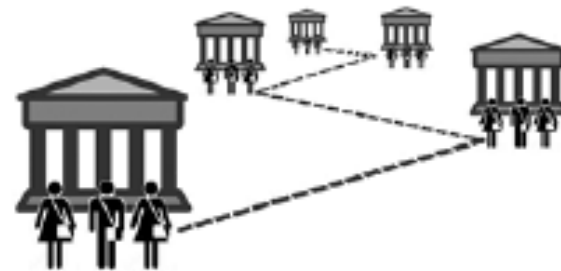
RISE – Financial Dimension

Unit costs expressed in person-months

Seconded staff

| | | | |
|--------------------------------------|---------|-------------------------------|---------|
| Research, networking, training costs | 1800* € | Staff member Top-up allowance | 2000* € |
| Management and indirect costs | 700* € | | |

- Funding rate of 100%



RISE

Research and Innovation
Staff Exchange

MSCA Calls 2016

| | | |
|---------------|-------------------------|-----------------|
| ITN | 30/09/2015 – 12/01/2016 | EUR 370 million |
| IF | 12/04/2016 – 14/09/2016 | EUR 218 million |
| RISE | 16/12/2015 – 28/04/2016 | EUR 80 million |
| COFUND | 14/04/2016 – 29/09/2016 | EUR 80 million |
| NIGHT | 30/09/2015 – 12/01/2016 | EUR 8 million |

Award Criteria

| 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 transfer of knowledge/training for the development of researcher in light of the research objectives | Effectiveness of the proposed measures for communication and results dissemination | Appropriateness of the management structures and procedures, including quality management and risk management |
| Quality of the supervision and the hosting arrangements | | Appropriateness of the institutional environment (infrastructure) |
| Capacity of the researcher to reach or re-enforce a position of professional maturity in research | | Competences, experience and complementarity of the participating organisations and institutional commitment |
| Weighting | | |
| 50% | 30% | 20% |
| Priority in case of <i>ex aequo</i> | | |
| 1 | 2 | 3 |

Responsible Research and Innovation

Open science (obligation)

Gender (always mention in proposal)

Ethics (always consider in proposal)

Public engagement (iterative and inclusive participatory multi-actor dialogues)

Science education

Outreach and communication

Outreach

- is an activity of providing information to populations who might not otherwise have access to this information
- explains the benefits of research to a larger public (the tax payers who fund your research) there is an engagement and a two-way communication between the researcher and the public
- includes school presentations, workshops, public talks and lab visits, etc.

Communication

- refers to articles in mainstream newspapers and magazines, or on TV and radio channels
- requires a clear language and attractive scientific subject with outstanding results that can catch the media's attention

Dissemination targets a scientific audience that may be interested in the research results

| Some tips for IFs | Avoid |
|---|--|
| Work hard on the non-scientific parts! | Insufficient information on training and career needs |
| Do mention capabilities of the host to provide adequate training | Leaving unclear who will be responsible for the training activities and when they will take place |
| Do mention availability of mentors involved in providing support and guidance for the personal and professional development of the researcher. | Poorly describing non-scientific skills training, e.g. on research projects management and tutoring |
| Do mention transferrable skills , namely leadership ability, are insufficiently elaborated | Not mentioning possible disadvantages of using the envisaged methods and techniques. |
| Do mention practical arrangements for the implementation of the fellowship | Do not justified the prospects of reaching a position of professional maturity only in face of new scientific skills |
| Demonstrate an acceptable level of independent thinking and leadership qualities | Deliverables and the milestones do not offering a proper possibility of monitoring progress |
| If possible, provide new career perspectives | Poorly describing quality management and risk management |

GPPQ – Gabinete de Promoção do Programa-Quadro

www.gppq.pt/h2020/

Verifique o calendário das sessões de divulgação e workshops sobre escrita de propostas



http://www.gppq.pt/h2020/contactos_ncp.php