



## **Seventh Framework Programme of the European Community for Research, Technological Development and Demonstration Activities (2007-2013)**

### **FP7 “People” Programme**

#### **EUROPEAN INDUSTRIAL DOCTORATE (EID) & INNOVATIVE DOCTORAL PROGRAMMES (IDP) WITHIN FP7-PEOPLE-2012-ITN "INITIAL TRAINING NETWORK" ACTION**

In the 2012 PEOPLE Work Programme, the biggest news was the financing of two new Doctoral programmes offered to research organisations within the "Initial Training Network" action [FP7-PEOPLE-2012-ITN](#). This action aims to **improve career perspectives of early-stage researchers (ESR) in both public and private sectors, thereby making research careers more attractive to young people** through a trans-national networking mechanism.

The insistent need to extend Marie Curie Actions and include the funding of structured education and training through doctoral programmes and schools led to the creation of the **Innovative Doctoral Programme (IDP)** with its greater intersectoral, international and interdisciplinary dimension that became a part of a wider effort of increasing the European quality of doctoral training.

For its part, the **European Industrial Doctorate (EID)** seeks to involve companies in doctoral training. It will develop innovation skills and entrepreneurial mindsets, improve employability and career prospects for PhD holders, strengthen cooperation between public and private sectors and enhance the research potential and competitiveness of European companies and SMEs.

#### **European Industrial Doctorates (EID)**

European Industrial Doctorates are composed of **two participants**, one academic institution and one participant from the private sector, established in two different Member States or Associated Countries. A wider set of associated partners may also complement the training.

The academic participant can be:

- an institution entitled to deliver doctoral degrees and recognised as such by the relevant authorities of the country concerned. In this case a research institution can be associated to it for the purpose of the training;
- a research institution associated with a university that will deliver the degree.

Each recruited researcher must:

- be enrolled in a doctoral programme at the academic participant or associated university;
- be employed by either both participants at level 1, or employed by one of them and seconded to the other for the share of time foreseen under this action;
- spend at least 50% of his/her time in the private sector participant;
- be jointly supervised by at least two supervisors, one from each participant.

The research conducted in both participating entities should be within the framework of the doctoral programme. This doctoral programme does not result in a new type of degree, but is designed to support longterm, industry-oriented research (fundamental or applied) that has the same level of scientific merit as, for example, the doctoral degree delivered in Innovative Doctoral Programmes.

Applicants to these European Industrial Doctorates are evaluated and ranked in a separate panel.

### **Innovative Doctoral Programmes (IDP)**

These are composed of a sole participant established in a Member State or Associated Country (typically universities or research institutions offering innovative doctoral programmes ensuring an international, interdisciplinary and intersectoral training) with a network of associated partners.

There are many different ways of delivering innovative doctoral training. For example, the intersectoral aspects can be addressed by:

- Inviting researchers working in industry or other socio-economic actors to deliver courses on entrepreneurship, exploitation of research results, ethics, patenting, etc;
- Mentoring of doctoral candidates by researchers and/or experts from industry or from other socio-economic actors;
- Exposing researchers to various socio-economic actors gathered in a single campus or hub;
- Offering placement opportunities for several weeks or months to young researchers to develop their research projects at the premises of future employers.

The interdisciplinary dimension can be addressed by:

- Proposing common courses or projects to doctoral candidates from different disciplines;
- Bringing together doctoral candidates in multi-disciplinary projects involving different research teams from the same or different institutions;
- Offering possibilities of laboratory rotations or visits.

The international dimension can be addressed by:

- Offering possibilities to take courses abroad;
- Developing partnerships and/or joint degrees with other research institutions or companies in different countries.

The involvement of associated partners should exploit synergies between the partners to further strengthen the aforementioned international, interdisciplinary and intersectoral training and the transferable skills component of the doctoral training programme, in order to prepare researchers for a wider range of career options. Particular attention should also be paid to the quality and provision of supervision arrangements.

The extent of collaboration with a wider set of associated partners, including from the private sector, as well as innovative elements of the proposed training will be taken into account during the evaluations.

In Innovative Doctoral Programmes, the participant organisation takes full responsibility for executing the proposed training programme, while the recruited researchers are expected to benefit from the informal network with the associated partners during the training period. Although most of their training period will be spent at the full network partner, active mobility of the recruited researchers towards the associated partner organisations in the form of secondments will be expected.

### **Research Training Activities**

For **European Industrial Doctorates (EIDs)**, recruited ESRs must spend at least 50% of their time at the industrial partner. It is expected that the recruited fellows will benefit from the strong research collaboration of the two full network partners (one academic, one private sector). The provision of additional training by associated partners is encouraged where relevant.

In the case of **Innovative Doctoral Programmes**, the participating organisations must demonstrate clearly that the necessary elements of the research training programme are complemented where relevant by trans-national collaborations with other research institutions and private enterprises or socio-economic actors as associated partners. The associated partners should contribute to the research programme through providing training and secondment opportunities.

### **Eligible Researchers**

The ITN action is aimed at **Early-Stage Researchers (ESR)** (must be in the first four years of their research careers full-time equivalent and have not yet been awarded a doctoral degree) in both the public and private sector. In all cases participating researchers must be of at least post-graduate level. The definition of an eligible researcher is based on professional research experience and not on age.

### **Other Third Countries (OTC)**

Legal entities established in OTCs can only have the role of associated partners in IDP and EID. However these doctoral programmes are **opened to researchers from other third countries (including Russia)**.

### **Duration**

The duration of the project is normally **48 months from the start date of the grant agreement**. The recruitment of each individual **Early Stage Researcher** will be supported for a **minimum of 3 months and up to a maximum of 3 years**. However, since IDP and EID are doctoral programmes, researchers under these schemes are expected to be appointed for the maximum 36 month period.

### **What is funded in EID and IDP?**

The financial support for Marie Curie Networks for Initial Training is calculated on the basis of eligible researcher months and takes the form of grants covering up to 100% of the costs.

**The overall EU contribution per grant agreement will be limited to the recruitment of a maximum of:**

- **500 researcher months for IDPs,**
- **180 researcher months for EID.**

The basis for calculating the gross monthly **living allowance** of the recruited researchers is **38 000 €/year** for Early stage researchers. Monthly **mobility allowance**: reference rate of **EUR 700** for researchers without a family and **EUR 1000** for researchers with a family. **Contribution to the Training Expenses of Eligible Researchers and Research/Transfer of Knowledge Programme Expenses: €1200** for EID and IDP per researcher-month managed by the host organisations (the participation of researchers in training activities; expenses related to research costs; execution of the training/partnership project; contribution to the expenses related to the co-ordination between participants). **Management Activities**: maximum of **10 %** of the total EU contribution that will be paid towards the management of the project. **Contribution to Overheads** up to **10%** of direct costs.

For more information on the implementation of these new ITN schemes, please consult the Research Participant Portal [http://ec.europa.eu/research/participants/portal/page/fp7\\_calls](http://ec.europa.eu/research/participants/portal/page/fp7_calls).

### Where to find open calls of the European fellowship programmes?

- the Fellowship Portal on the [EURAXESS Jobs](http://ec.europa.eu/euraxess/index.cfm/jobs/index) web site (<http://ec.europa.eu/euraxess/index.cfm/jobs/index>) where you can also find [RSS for active fellowship programmes](http://ec.europa.eu/euraxess/customRSS/fp_mca_cofunded.cfm) ([http://ec.europa.eu/euraxess/customRSS/fp\\_mca\\_cofunded.cfm](http://ec.europa.eu/euraxess/customRSS/fp_mca_cofunded.cfm)).
- ‘Find a Cofunded Call under the People Programme’ page on the Research Participant Portal <http://ec.europa.eu/research/participants/portal/page/people&cofund=true> .

This leaflet is prepared with the use of the European Commission Participant Portal.

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