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D3.3 Identification of mobility funding programmes

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1 Introduction – Rationale of the document

The staff exchange among the CIPRNet partners is a key element of the integration strategy of the project. It has been decided that at least that one team member of each partner will work on collaborative Critical Infrastructure Protection (CIP) issues for a period of no less than two weeks in a laboratory (location) of one of the other partners.

The CIPRNet budget includes a limited amount for expenses dedicated to staff exchange for each partner. Besides this initial funding, the intent is to increase the initial budget by benefiting of existing funding programmes already in place at various levels.

The present deliverable provides a list of existing funding programmes to help the researchers from the various participating organisations to find additional sponsorship for staff exchange.

The purpose of the deliverable D3.3 Identification of Funding Mobility Programmes is to identify and to gather, the more exhaustive way as possible, the mobility funding programmes enhancing the researchers' exchanges at the EU level, at the national level as well as at the participating organisations level. CIPRNet's management will employ the results of this document for planning specific long-term integration measures.

The deliverable describes the various funding programmes (general presentation, eligibility, conditions, websites, etc.) to help the candidates to apply for staff exchange. It presents first the EU level funding programmes, second the national funding programmes and last the organisations' level funding programmes.

Data have been collected through the net and through the partners' contributions. The author has also collected data in participating at the Marie Curie Road Show held in Paris on April 23, 2013. Candidates are invited to take into account recommendations made at this meeting by the REA representative and the French point of contact for a successful selection.

Users of this document should be aware that the description of the funding schemes represents a snapshot at the time of the creation of this deliverable and is provided without a guarantee of correctness¹ or up-to-datedness. It serves as a unique integrated **comprehensive overview on typical mobility funding programmes and schemes at different national and international levels and their conditions**. Some of these programmes are established for decades, some are newer. Also, with the advent of Horizon 2020, new mobility funding schemes may appear shortly, and others may get obsolete.

For any concrete application plans, please refer to the latest descriptions of the application rules as documented on the web pages of the mobility-funding agency under consideration.

¹In order to avoid the introduction of errors, some of the material in this document is copied from material of the funding agencies.

2 Preparation of long-term mobility and integration of partners

Within the Joint Activity “preparing long term mobility and integration of partners”, partners will develop and implement measures for enabling long-term mobility and integration, by ***fund-raising*** from outside sources. Particularly, by:

- Initial identification of mobility funding programmes (D3.3).
- Active exchange of ideas on a CIP research agenda with funding agencies and the private Critical Infrastructure (CI) stakeholders (European and national).
- Elaboration of ideas for joint thematic proposals, e.g. in FP7 or HORIZON2020, for further joint research activities in CIP, allowing for an increasingly optimal usage of existing capacities, competencies, methods and technologies.
- Elaboration of ideas for further strengthening of the VCCC.
- Joint elaboration of ideas for fostering the mobility of researchers, and identification of suitable funding schemes like Marie Curie proposals, ERCIM fellowship applications, German DAAD exchange programmes, and more, STSM (Short Term Scientific Mission) granted by ESF-COST Actions, HPC Europe and more.
- Concrete actions and results of this Joint Activity will be reported in D 3.2, D 3.3 and D3.4.

CEA is leading the JA 3.2. All partners are involved. The duration of JA3.2 is from M04 to M48.

D3.3 is a reference document for employees of CIPRNET participating organisations to help them in finding additional funding programmes and to simplify the access to the various opportunities of exchange of personnel among the organisations.

3 Mobility funding programs

3.1 Initial identification of mobility funding programmes: methodology

A top down approach starting from the European level down to the national level and the organisation level has been used. The report structure reflects the chosen approach.

First, the European mobility funding programmes that are under the coordination of the REA (Research Executive Agency of the EU) based in Brussels, Belgium have been considered. Funding programmes exclusively for European countries, such as the Marie Curie grants, and also focused on programmes allowing mobility within the European space extended to the extra-European CIPRNet member countries have been identified and described.

Finally bilateral or multilateral mobility funding programmes have been checked, analysed and listed with the contribution of the CIPRNet partners when useable in the context of the CIPRNet project.

3.2 The European mobility funding programmes

3.2.1 The Marie Curie Fellowships

The REA is in charge of the Marie-Curie Actions further described as the following: “Marie Curie Fellowships are European research grants available to researchers regardless of their nationality and field of research. In addition to generous fellowships, researchers have the possibility to gain experience abroad and in the private sector, and to complete their training with competences or disciplines useful for their careers.”

Another advantage for the researchers of the Marie Curie Fellowships is that they are open to researchers of all ages and levels of experience, regardless of nationality. The REA makes a difference between two types of researchers: Early Stage Researcher and Experienced Researcher. The Early Stage Researcher has less than 4 years of research experience and doesn't have a doctoral degree. The Experienced Researcher is in the possession of a doctoral degree or has at least 4 years of research experience. This classification could be used for the CIPRNet Researcher Exchange Programme.

The Marie Curie Programme contains eight actions as described below (refer to Annex 1 or Annex 2):

1. Initial Training Networks (ITN)
2. Intra-European Fellowships for Career Development (IEF)
3. Career Integration Grants (CIG)
4. Co-funding of Regional, National, and International Programmes (COFUND)
5. Industry Academia Partnerships and Pathways (IAPP)
6. International Outgoing Fellowships (IOF)
7. International Incoming Fellowships (IIF)
8. International Research Staff Exchange Scheme (IRSES)

A detailed description of each of these actions is explained in the following pages.

3.2.1.1 Initial Training Networks (ITN)

An action providing training opportunities for Early Stage Researchers usually provided by a network of universities, businesses and research institutes.

The Initial Training Networks (ITN) offer early-stage researchers the opportunity to improve their research skills, join established research teams and enhance their career prospects.

At least three participants join together to propose a coherent programme for an ITN. The participants can be universities, research centres or companies (large or small).

Marie Curie Actions also offer the possibility to companies and institutions to propose two new formats of PhD training:

- The European Industrial Doctorates
- The Innovative Doctoral Programme

The principle is simple, to strengthen the links between academia and industry, and to develop research careers combining scientific excellence with business innovation.

- European Industrial Doctorates (EID): In the case of an EID, only two participants are needed: one academic participant and one participant from the private sector. However, one of the conditions is that the researcher will have to be enrolled in a doctoral programme of the academic participant. The researcher will also spend at least 50 % of his/her time within the private sector.
- Innovative Doctoral programmes (IDP): Single research organisations may sometimes get ITN support. One participant (university or research institution) offers an "innovative" doctoral training i.e. with an international, public-private sector and interdisciplinary dimension. The training can be completed with the participation of associated partners (other universities, research centres, private sectors, etc.)

Any research field in the humanities or science may qualify for ITN funding – provided that there is an element of mobility across national borders. But there is one exception: research areas covered by the EURATOM Treaty (Nuclear research) cannot be funded.

Their network participants will recruit and employ eligible researchers or host them. It will be providing specialised training modules or other dedicated actions. The application should contain a strong element of transnational networking, aimed at structuring the existing high-quality initial research training capacity throughout EU Member States and Associated Countries.

Involvement of private commercial entities in their network is considered essential. It will help diversify the traditional research training settings and add to the employability of the recruited researchers. An emphasis on interdisciplinary and newly emerging supra-disciplinary fields will count in their proposal's favour. Training should be primarily through research on individual, personalised projects, complemented by substantial training modules in key transferable skills common to all fields. Training topics may include.

- Management and financing of research projects and programmes
- Intellectual property rights
- Means of exploiting research results
- Entrepreneurship
- Ethical aspects
- Communication and societal outreach

ITN funding supports:

- Recruitment of researchers who are in the first five years of their career for initial training – for instance, they may be studying for a research-level degree (PhD or equivalent) or be doing initial post-doctoral research.
- Networking activities, outreach activities, workshops or conferences that involve research staff from the participating research establishments and external researchers.

ITNs are for the recruitment of researchers from all over the world. Researchers supported by an ITN are normally required to undertake transnational mobility (i.e. move from one country

to another) when taking up an appointment. Successful proposals are funded for up to 4 years. Support provided by the networks to individual researchers may be from 3 to 36 months for early stage researchers or up to a maximum of 24 months for experienced researchers. ITN proposals are selected in an open competition. Selection is through transparent, independent peer review, based on excellence using a series of pre-determined criteria. Proposals are submitted in reply to a call for proposals. Calls can be found and proposals submitted through the Participant portal.

3.2.1.2 Intra-European Fellowships for Career Development (IEF)

An individual grant allowing an Experienced Researcher to move within Europe to pursue his/her research project

Intra-European Fellowships for Career Development (IEFs) specifically aims at helping experienced researchers to try something new for a while. Researchers based in EU Member States or Associated Countries can apply for an IEF. You must have either a doctoral degree or at least 4 years' full-time research experience, after obtaining a degree permitting you to embark on a doctorate. Generally, you must carry out the project on the premises of a host organisation in an EU or Associated Country other than your own. Special consideration is also given to those returning to a research career after a break. IEF proposals are welcomed from all areas of scientific and technological research. But there is one exception: research areas covered by the EURATOM Treaty cannot be funded. IEF funding is provided for advanced training. This may include the acquisition of new and/or complementary skills, and transnational mobility. The training is based on a personal career development programme agreed between the researcher and the supervisor at the host organisation. Financial support is provided for a period of 12-24 months (full-time equivalent), for individual projects presented by experienced researchers from Member States or Associated Countries in liaison with a host organisation from a Member State or Associated Country.

The types of training might include:

- Training-through-research under supervision, through an individual personalised project.
- Hands-on training to develop your scientific skills (new techniques or instruments, etc.) and your complementary skills (proposal preparation to request funding, patent applications, project management, tasks coordination, technical staff supervision, etc.).
- Intersectorial or interdisciplinary knowledge transfer.
- The capacity to build collaborations.

IEF proposals are selected in an open competition. Selection is through transparent, independent peer review, based on excellence using a series of pre-determined criteria.

Proposals are submitted in reply to a call for proposals. Calls can be found and proposals submitted through the Participant portal.

3.2.1.3 Career integration Grants (CIG)

A lump sum to encourage Experienced Researchers to settle/return in Europe.

CIG applicants must be experienced researchers from any country in the world, with at least 4 years' full-time research experience or a doctoral degree. You must have been actively engaged in research, but you cannot have carried out your work in the country of your host organisation for more than twelve months over the last three years. Finally, you must have never in the past benefitted neither from a European or an International Reintegration Grant (ERG or IRG) nor from a Career Integration Grant.

CIG proposals are welcomed from all areas of scientific and technological research. But there is one exception: research areas covered by the EURATOM Treaty cannot be funded.

The career integration grant is a flat-rate contribution towards your research costs. These may, for example, include the salary costs of the researcher or other staff employed for the project, travel costs, consumables, patent costs and publication costs. The grant will cover a period of 2 to 4 years and must be used within this period. If your grant application is successful, the European Commission will establish a grant agreement with your host organisation in Europe. The host will then provide you with an employment contract (if one does not already exist), on the basis of which it is expected to pay your salary and ensure your integration for at least the duration of the grant. Your host organisation must be a university, a research centre or an enterprise in an EU Member State or Associated Country.

CIG proposals are selected in an open competition. Selection is through transparent, independent peer review, based on excellence using a series of pre-determined criteria.

Proposals are submitted in reply to a call for proposals. Calls can be found and proposals submitted through the participant portal².

3.2.1.4 Co-funding of Regional, National, and International Programmes (COFUND)

A co-funding mechanism providing an-extra financial support to national, regional research mobility programmes.

Applicants for COFUND should be public or private bodies that are responsible for funding and managing fellowships or research training programmes. They may be ministries, research academies or agencies, international organisations but also other similar bodies with a public mission, such as universities.

All fields of research and research training are eligible for COFUND, provided that an element of mobility across borders is involved. COFUND programmes can cover several or all research fields or can be restricted to a specific domain. But there is one exception: research areas covered by the EURATOM Treaty cannot be funded.

COFUND participants submit multi-annual proposals for specific fellowships/research training programmes for co-funding. These programmes should be open to experienced researchers and must include at least one form of transnational mobility, such as incoming or outgoing mobility of researchers or an action to reintegrate them into research employment in Europe. Eligible programmes are co-funded for 40 % of their fellowship costs with a maximum EU contribution of €10 million for any organisation per call. Selected programmes will be co-funded for 24 to 60 months.

COFUND proposals are selected through transparent and independent peer review. Criteria examined during the evaluation include: focus on the quality of the evaluation process for selecting the fellows in terms of transparency and equal treatment of applicants, quality of the

²See <http://ec.europa.eu/research/participants/portal/page/people>

peer review, management capacity, and user-friendliness of the application process and benefit of the programme in terms of career development for the participating researchers.

Proposals are submitted in reply to a call for proposals. Calls can be found and proposals submitted through the participant portal (see Section 3.2.1.3).

3.2.1.5 Industry Academia Partnerships and Pathways (IAPP)

An action promoting partnership and collaboration between business and academia. Early Stage Researchers, Experienced Researchers, or technical research staff can participate.

To qualify for an **IAPP**, your proposal must include **one or more universities/research centres and one or more enterprises**. On the business side, participation by small and medium-sized enterprises (SMEs) is encouraged. So getting them involved could count in your favour.

All of the partners get together and propose a project based on a joint cooperation programme. The industrial partners must be operating on a commercial basis. In other words, they must be companies that earn most of their money by competing in the marketplace. But they may include incubators, start-ups, spin-offs, venture capital companies, etc.

Cross-border cooperation is another must. To be valid, an **IAPP** project proposal must come from **partners in at least two different EU Member States - or else at least one Member State plus one Associated Country**. Partners from Third Countries can also join in, but only if enough EU members or associates are represented in the partnership too.

Proposals from **all scientific and technological research fields of interest to the EU** are welcomed by the **IAPP** team. Your project should promote a **strategic research partnership**, which can be co-ordinated by either an industrial or an academic participant.

It should also highlight longer-term cooperation. And it should make full use of all the skills and synergies available in the partnership. But there is one exception: research areas covered by the EURATOM Treaty cannot be funded.

Successful IAPP project proposals receive 100% funding for labour costs. If your project is chosen, you will be funded for 4 years. This is to support:

- Exchange of know-how and experience through two-way or one-way secondments of research staff between the industrial and academic partners.
- Recruitment of experienced researchers from outside the partnership, for involvement in the transfer of knowledge and/ or the training of researchers.
- Networking, workshops and conferences involving external researchers as well as the partners' own research staff.

It is looking for long-term, targeted knowledge sharing and staff mobility between the public and private sector partners.

The best **IAPP** proposals are selected in an **open competition**. Selection is through **transparent, independent peer review**, based on **excellence using a series of predetermined criteria**.

Proposals are submitted in reply to a call for proposals. Calls can be found and proposals submitted through the participant portal.

3.2.1.6 International Outgoing Fellowships (IOF)

An individual grant for Experienced Researchers based in third countries (non-Europeans) willing to receive research training in a host institution based in Europe.

IOFs are for researchers from EU Member States and Associated Countries. To apply, you must have either a doctoral degree or at least 4 years' full-time equivalent research experience, after obtaining a degree permitting you to embark on a doctorate. But more experience is welcomed; it will not affect your chances of obtaining an IOF.

IOF proposals are welcomed from all areas of scientific and technological research that are of interest to the EU. But there is one exception: research areas covered by the EURATOM Treaty cannot be funded.

IOFs fund advanced training. In particular, they include a salary for the researcher and a contribution to research-related costs. Financial support can be given for up to 3 years in all. This includes an initial outgoing phase of 1–2 years in a Third Country. But there is also a mandatory reintegration phase. In other words, you will be committing yourself to return to an EU Member State or an Associated Country.

Your host organisation should be a university, research centre or enterprise established and located in a Third Country (for the outgoing phase) and in an EU or Associated Country (for the return phase).

The main activities will be based on a research project that you should prepare in coordination with the organisation that will host you when you return to Europe. You should also agree on a personal career development plan with your supervisor in the return host organisation.

An IOF should significantly develop and widen your competences. In particular, it should strengthen your multi- or interdisciplinary expertise, inter-sectorial experience and complementary skills. The fellowships may include:

- Training-through-research under supervision, through an individual personalised project
- Hands-on training to develop your scientific skills (new techniques or instruments, etc.) and your complementary skills (proposal preparation to request funding, patent applications, project management, tasks coordination, technical staff supervision, etc.).
- Inter-sectorial or interdisciplinary knowledge transfer.
- Building Collaborations.
- Active scientific and financial management of your research project.
- Developing organisational skills through organisation of training or dissemination events.

IOF proposals are selected in an open competition. Selection is through transparent, independent peer review, based on excellence using a series of predetermined criteria.

Proposals are submitted in reply to a call for proposals. Calls can be found and proposals submitted through the Participant portal.

3.2.1.7 International Incoming Fellowships (IIF)

A staff exchange scheme fostering collaboration between research institutions based in Europe and in Third countries.

Researchers moving from Third Countries to EU Member States or Associated Countries are eligible for an IIF. To apply, you must have either a doctoral degree or at least 4 years' full-time research experience, after obtaining a degree permitting you to embark on a doctorate. But that is the minimum. The more experience you have, the better will be your chances of being accepted for this action.

Your application for an IIF should be made in liaison with the organisation or institution that would be willing to host you in Europe. Host organisations can be universities, research centres or companies.

All areas of scientific and technological research that are of interest to the EU may be eligible for IIF funding. But there is one exception: research areas covered by the EURATOM Treaty cannot be funded.

IIF funding is provided for a research project which will transfer knowledge into your host organisation and building or enhancing collaborations between Europe and the rest of the world. The research project will also allow you to advance your career. Financial support is provided for 12-24 months (full-time equivalent). Funding allows you to:

- Join a European research team that doesn't have your experience.
- Establish a collaboration through a research project with your lab or your country.
- Gain new knowledge in a European lab.

Your IIF may also cover a return phase of one year. This will be spent back in your country of origin, applying the experience that you have gained. To qualify for a return phase, you must be from one of the International Cooperation Partner Countries. These are listed at

<http://ec.europa.eu/research/participants/portal/download?docId=32732>

If you want a return phase, you must include details of it in your initial application. And you must specify the potential return host organisation in your country of origin.

IIF proposals are selected in an open competition. Selection is through transparent, independent peer review, based on excellence using a series of predetermined criteria.

Proposals are submitted in reply to a call for proposals. Calls can be found and proposals submitted through the Participant portal.

3.2.1.8 International Research Staff Exchange Scheme (IRSES)

A staff exchange scheme fostering collaboration between research institutions based in Europe and in Third countries.

Active research organisations (e.g. universities, research centres etc.) can take part in IRSES. Your proposal must include at least two independent participants in at least two different EU Member States or Associated Countries PLUS one or more organisations located either in countries with which the EU has an S&T Agreement (a science and technology cooperation agreement) or in countries covered by the European Neighbourhood Policy.

The EU's S&T agreements are listed at:

<http://ec.europa.eu/research/iscp/index.cfm?lg=en&pg=countries>

The European Neighbourhood Policy website is at:

http://ec.europa.eu/world/enp/index_en.htm

One of the Member State or Associated Country partners in your project will act as its coordinator.

Proposals are welcomed from all areas of scientific and technological research that are of interest to the EU. But there is one exception: research areas covered by the EURATOM Treaty cannot be funded.

For each staff member from an EU Member State or Associated Country staying in an eligible Third Country, a monthly allowance to cover mobility costs (including travel costs) will be paid by IRSES. The costs of stays by staff from certain Third Countries in Europe may also be covered. In all cases, the seconded staff members must continue to be paid their salary and are expected to return to their home organisation after the mobility period.

A staff exchange programme can receive IRSES support for a period of 24-48 months. The maximum duration of the individual staff exchanges will be 12 months.

IRSES proposals are selected in an open competition. Selection is through transparent, independent peer review, based on excellence using a series of predetermined criteria.

Proposals are submitted in reply to a call for proposals. Calls can be found and proposals submitted through the Participant portal.

A quick guide to Marie Curie Actions is laid down on Annex 1.

3.2.2 ERCIM fellowship applications

"The ERCIM Alain Bensoussan Fellowship Programme is supported by the Marie Curie Co-funding of Regional, National and International Programmes (COFUND) of the European Commission".

- ERCIM, the European Research Consortium for Informatics and Mathematics, offers fellowships for PhD holders from all over the world.
- Topics cover most disciplines in Computer Science, Information Technology, and Applied Mathematics.
- Fellows are hosted in leading European Research Institutes

The Fellowships are available for PhD holders from all over the world.

Fellowships are of **12 months duration**, spent in one of the ERCIM institutes.

Only online applications are accepted.

The topics focus on the ERCIM institutes' scientific fields of competence, listing on their website³.

Only ERCIM members can host fellows. For information about the possible hosting institutes, see "ERCIM members" and follow the links to the homepages of the individual members, or contact the national contact for the ERCIM Fellowship Programme for a specific institute.

When an ERCIM member is a consortium (such as AARIT, CRCIM, PEG, SIRA, SpaRCIM, STFC) the hosting institute might be any of the consortium's members.

When an ERCIM Member is a funding organisation (FNR for Luxembourg; FWO/FNRS for Belgium) the hosting institute might be any of their affiliates.

³See <http://fellowship.ercim.eu/topics>

Fellowships are proposed according to the needs of the member institutes and the available funding.

Conditions:

- Have obtained a PhD degree during the last 8 years (prior to the application deadline) or be in the last year of the thesis work with an outstanding academic record.
- Be fluent in English.
- Be discharged or get deferment from military service.
- The fellowship is restricted to two terms (one reselection possible).
- Have completed the PhD before starting the grant (a proof will be requested before your arrival).

We encourage not only researchers from academic institutions to apply, but also scientists working in industry. In order to encourage mobility:

- A member institute will not be eligible to host a candidate of the same nationality.
- A candidate cannot be hosted by a member institute, if by the start of the fellowship, he or she has already been working for this institute (including PhD or postdoc studies) for a total of 6 months or more, during the last 3 years.

There are two types of contracts:

- The fellows are appointed for 12 months either by:
- A *stipend* (an agreement for a research training programme) or
- A working contract
- The type of contract and the monthly allowance (for stipends) or salary (for working contracts) depends on the hosting institute (see table above).
- It should be noted that the stipend (Fellowship Agreement) does not constitute a contract of employment. As such, no contributions are made, on behalf of the fellow, in respect of unemployment insurance or either state or private retirement schemes. The fellow will not, therefore, be entitled to any unemployment or retirement benefits under the Fellowship Agreement.
- For the entire period of 12 months, the fellow will receive a monthly allowance or salary (depending on the type of contract) which may vary depending on the country. Costs for travelling to and from the institutes will be paid under conditions determined by the contract.
- This allowance/salary will be transferred to the fellow's personal bank account.

The Fellowship Programme enables bright young scientists from all over the world to work on a challenging problem as fellows of leading European research centers. In addition, an ERCIM fellowship helps widen and intensify the network of personal relations and understanding among scientists. The programme offers the opportunity to ERCIM fellows:

- To work with internationally recognised experts.
- To improve their knowledge about European research structures and networks.
- To become familiarised with working conditions in leading European research centres.
- To promote cross-fertilisation and cooperation, through the fellowships, between research groups working in similar areas in different laboratories.

Each application is reviewed by one or more senior scientists in each ERCIM institute. ERCIM representatives decide on the candidates to whom Fellowships are offered, taking into account the following criteria:

- Scientific expertise of the applicant.
- Quality of scientific publications.
- Relevance of the fellowship research agenda.
- Interest/ added-value for the consortium.
- Previous mobility/professional experiences.

The number of available positions varies from call to call and depends mainly from the needs of the member institutes and their available funding.

ERCIM is committed to ensuring equal opportunities and promoting diversity. People seeking fellowship within the ERCIM consortium are not discriminated against because race, colour, religion, gender, national origin, age, marital status or disability.

3.2.3 ERASMUS MUNDUS Programme

Erasmus Mundus is a cooperation and mobility programme in the field of higher education that aims to enhance the quality of European higher education and to promote dialogue and understanding between people and cultures through cooperation with Third-Countries. In addition, it contributes to the development of human resources and the international cooperation capacity of Higher education institutions in Third Countries by increasing mobility between the European Union and these countries.

The Erasmus Mundus programme provides support to:

- **higher education institutions** that wish to implement joint programmes at postgraduate level or to set-up inter-institutional cooperation partnerships between universities from Europe and targeted Third-Countries ;
- **individual students, researchers and university staff** who wish to spend a study/research/teaching period in the context of one of the above mentioned joint programmes or cooperation partnerships ;
- **any organisation active in the field of higher education** that wishes to develop projects aimed at enhancing the attractiveness, profile, visibility and image of European higher education worldwide.

Erasmus Mundus actions provide support for high-quality joint programmes – Erasmus Mundus Masters courses and Erasmus Mundus Joint Doctorates – offered by a consortium of European, and possibly third-country, higher education institutions. Other types of organisations concerned by the content and outcomes of the joint programme can participate in the consortium. It also enables scholarships and fellowships for third-country and European students/doctoral candidates to follow these Erasmus Mundus Masters Courses and Joint Doctorates. These programmes also allow short-term scholarships for third-country and European academics to carry out research or teaching assignments as part of the Erasmus Mundus Masters Courses. 43 joint doctorates and 138 master courses are integrated in Erasmus Mundus programmes. The list of the Erasmus Mundus Joint doctorates is laid down on Annex 4 and that of the Erasmus Mundus Master courses is on Annex 5.

A quick guide on how to apply for a scholarship is laid down here:

http://eacea.ec.europa.eu/erasmus_mundus/funding/scholarships_students_academics_en.php

3.2.4 STSM (Short Term Scientific Mission) granted by ESF COST Actions

The European Cooperation in Science and Technology (COST) strives to support European scientists in their networking activities. The implementation of a COST Action is realised through a set of networking tools such as meetings (MC meetings, Working Groups, work-

shops, conferences), Short-Term Scientific Missions (STSMs), Training Schools and Dissemination activities. Short-Term Scientific Missions (STSMs) allow scientists to learn from an institution or laboratory in another COST country - a concept of particular interest to young scientists.

At least five different COST Member Countries and/or the Cooperating State must formally agree to participate in a COST Action through the acceptance of a Memorandum of Understanding (MoU⁴).

The COST member countries are:

Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, **Cyprus**, Czech Republic, Denmark, Estonia, Finland, **France**, **Germany**, Greece, Hungary, Iceland, Ireland, **Italy**, Latvia, Lithuania, Luxembourg, the former Yugoslav Republic of Macedonia, Malta, **Netherlands**, Norway, **Poland**, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, **Switzerland**, Turkey and United-Kingdom.

For the case of Canada, which is not a COST member country, the rules of COST specifies that researchers in international partner countries, affiliated to universities, research centres, companies or other relevant legal entities, may participate in a COST Action on the basis of ascertained mutual benefit. They may be invited by the member countries as member countries observers with no voting right. Their participation in a COST Action shall be approved by the JAF (Administrative and Financial Affairs).

STSMs can vary from one week to three months and up to six months for Early Stage Researchers.

Applicants must be engaged in a research programme in an institution from a COST country which must have accepted the Memorandum of Understanding (MoU) of the Action concerned. Both home and host institution should be in a COST country which has accepted the MoU and has participated in the COST Action. The average contribution for a mission is a fixed grant based on the applicant's budget request and the decision from the relevant assessment committee. It will normally not exceed EUR 2500 (EUR 3500 for Early Stage Researchers).

All COST activities, including COST Actions must be budgeted and financial reports shall be delivered according to COST rules.

3.2.5 European Shared Treasure (EST)- Lifelong Learning Programme (LPP)

The European Shared Treasure (EST) –**Lifelong Learning Programme (LLP)** consists of a set of partnerships: Comenius (for schools), Grundtvig (adult education), Leonardo da Vinci: vocational education and training) and Erasmus (higher education) which allow the exchange of people mainly focussed on teachers and students. A database showing participating organisations and positions can be found on:

<http://www.europeansharedtreasure.eu/search.php>

and the list of national contacts/websites see:

http://ec.europa.eu/education/lifelong-learning-programme/national_en.htm

The main entry point to the LLP is:

http://ec.europa.eu/education/lifelong-learning-programme/index_en.htm

⁴The agreement accepted by a minimum of five different COST Member Countries and/or Cooperating State describing the Action objectives and the added value of networking. This document has to be endorsed by any additional COST Member Country or Cooperating State joining the Action.

3.3 National programmes

3.3.1 German DAAD exchange programmes

The Deutscher Akademischer Austauschdienst (DAAD) / German Academic Exchange Service is a private, publicly funded, self-governing organisation of higher education institutions in Germany. DAAD **promotes international academic relations and cooperation** by offering **mobility programs** primarily for students and faculty, but also for administrators and others in the higher education realm.

DAAD is the **German national agency** for the support of international academic cooperation. It offers programs and funding for students, faculty, researchers and others in higher education, providing financial support to over 67,000 individuals per year. It also represents the German higher education system abroad, promote Germany as an academic and research destination, and help build ties between institutions around the world.

DAAD's Mission:

- To enable young academics and researchers from around the world to become leaders in the fields of science, culture, economics, and politics – as well as friends and partners of Germany.
- To qualify young German elites to assume positions of leadership in a global environment by providing them with international and intercultural experiences.
- To enhance the internationalisation of German higher education institutions, by way of increasing their attractiveness for the top students and scholars from around the world.
- To promote scholarship on the German language, literature, and the arts in universities worldwide with a view to increasing the role of German as an important cultural and practical language and creating a better understanding of Germany's rich cultural heritage.
- To support the process of economic and democratic reform in developing countries and in the transition countries of Middle and Eastern Europe by supporting their academic research and progress.

DAAD's Grants:

- Research grants are awarded primarily to highly qualified PhD candidates who are early in their academic/professional careers or to individuals wishing to earn a doctoral degree in Germany. Funding may also be granted to recent PhDs who would like to conduct research.
- This grant is open to applicants in all fields. However, there are restrictions for those in healthcare related fields, including dentistry, medicine, pharmacy, and veterinary medicine.

Eligibility requirements: applicants must be enrolled in an accredited doctoral degree program or engaged full-time in a post-doctoral position.

3.3.2 Alexander von Humboldt Foundation (AvH)

Alexander Von Humboldt Foundation promotes academic cooperation between scientists and scholars from abroad and from Germany by fostering international culture dialogue and academic exchanges through research fellowships and awards.

The foundation allows researchers from Europe and from third countries to come to Germany to work on a research project determined by the researcher itself in accordance with the host and collaborative partner. Likewise, researchers from Germany can benefit from AvH grants

to carry out a research project overseas as a guest of one of more than 26,000 Humboldt Foundation alumni worldwide.

A detailed description of each of these actions is explained in the following pages.

3.3.2.1 Sponsorship for researchers coming to Germany

An action providing **programmes for postdoctoral researchers** who completed their doctorate in less than 4 years ago is proposed by the AvH Foundation.

The **Humboldt Research Fellowship for postdoctoral researchers** provides a sponsorship for a research stay at a research institution in Germany lasting from 6 to 24 months. For researchers from developing as well as from Central and Eastern European countries there is the additional option of a 12-months return fellowship.

The **Georg Forster Research Fellowship for postdoctoral researchers** concerns scientists and scholars from developing countries to carry out a research project of relevance to development policy which, being undertaken in Germany, is particularly targeted to transferring knowledge and technologies to developing countries. The duration can last from 6 months up to 24 months plus subsequent fellowship lasting 12 months.

Sofja Kovalevskaja Award is a programme for junior research group leaders

Valued at up to 1.65 million EUR, this award allows successful, young, cutting-edge researchers to establish their own work groups and spend 5 years working on the research of their choice at research institutions in Germany.

Programmes for experienced researchers are also provided by the AvH Foundation

The **Humboldt Research Fellowship for experienced researchers** is a sponsorship for a research stay at a research institution in Germany lasting from 6 to 18 months. The fellowship can be divided up into a maximum of 3 blocks within 3 years. For researchers from developing as well as from Central and Eastern European countries there is the additional option of 12-months return fellowship.

The **Georg Forster Research Fellowship** for experienced researchers concerns specifically researchers from developing countries to carry out a research project of relevance to development policy which is particularly targeted to transferring knowledge and technologies to developing countries.

The **Friedrich Wilhelm Bessel Research Award** and **Fraunhofer Bessel Research Award** allows internationally renowned academics who have completed their doctorate less than 18 years ago to spend a period of up to 1 year carrying out research projects of their own choice in cooperation with colleagues in Germany. Nominations are made by academics in Germany. The Fraunhofer Bessel Research Award specifically addresses researchers conducting applied research.

Programmes for internationally recognised cutting-edge researchers

The **Alexander von Humboldt Professorship** concerns academics of all disciplines from abroad, who are internationally recognised as leaders in their field. In order to develop or extend internationally visible research focus areas, it is foreseen that up to 10 cutting-edge researchers will be recruited annually on a long-term basis for the research location Germany. Apart from the excellence of the nominee, the success of the application will be determined by the clarity of the strategic plan submitted by the university. It has to demonstrate convincingly how the award winner's activities will help to establish the respective department among the international elite. Each Alexander von Humboldt Professorship will receive funding totalling 3.5 or 5 million EUR. Nominations may be submitted by German universities through their directorates. Two selection rounds are held each year.

The **Humboldt Research award** is intended for eminent foreign researchers at the peak of their academics careers and in leading positions, such as full professors or directors of institutes. Researchers whose fundamental discoveries, insights or new theories have had impact on their field of specialisation and beyond, and who are expected to continue to produce ground-breaking results are eligible to be nominated for the award. Award winners are invited to spend up to 1 year carrying out research projects they have chosen themselves in cooperation with colleagues in Germany. Nominations are made by academics in Germany. It is not possible to apply directly. The award is valued at 60,000 EUR.

3.3.2.2 Sponsoring for researchers going abroad

Programmes for postdoctoral researchers and experienced researchers

The **Feodor Lynen Research Fellowship** is for experienced researchers who completed their doctorate less than 4 years ago. The research stay can last from 6 to 24 months at a research institute abroad, plus the additional option of 12-month return fellowship.

The **Feodor Lynen Research Fellowship** is for experienced researchers who completed their doctorate less than 12 years ago, for a research stay abroad between 6 and 18 months. The fellowship can be divided into a maximum of 3 blocks within 3 years (additional option of a 12-month return fellowship).

The **Research Award for top researchers in Germany** is for outstanding researchers from Germany that can be nominated by partners' organisations of the AvH foundation abroad.

3.3.3 Netherlands exchange programmes

3.3.3.1 Netherlands Fellowship Programs

The Dutch government promote capacity building within organisations in 50 countries (will be decreased by October 2013) by providing training and education through fellowships for professionals. The NFP is initiated and fully funded by the Dutch Ministry of Foreign Affairs under the budget for development cooperation.

Various other specific fellowship and scholar programs exists, e.g. one for students from Algeria, Iraq, Lebanon, Morocco, Oman, Syria and Tunisia (MENA), China, Indonesia, Korea and Mexico (Orange Tulip), Brazil (Science without Borders Holland Programme (SwB Holland)). All activities are targeted towards less developed nations, not at EU nations. Exceptions are the Erasmus Mundus programme (see: 3.2.3) and the Erasmus scholarship.

An **Erasmus scholarship** covers a period of between three and twelve months. The foreign institution must participate in the programme and must also have a bilateral agreement with an institution in the Netherlands. Erasmus is part of the European LLP (see Section 3.2.1.2).

3.3.3.2 Netherlands National Technology Pact

On May 13, 2013, various Dutch ministries, associations of employers and employees, and regional economic developments boards signed a pact to reduce the gap between technology related education and the industry. This is required as the Netherlands identified the need for more highly skilled technologists in order to be able to compete internationally and to take advantage of market opportunities. They are needed at all levels, because businesses in promising industries, such as energy, horticulture, chemicals, life sciences and health have thousands of challenging jobs for hands-on vocational graduates as well as for talented academic researchers. The Technology Pact also wishes to attract and retain more international students. At present, only 7 % of international students in the Netherlands choose a technical study programme and only 27 % of these stay in the Netherlands for their first job once they have completed their studies. For that reason businesses in the designated top sectors will make 1,000 scholarships available annually for technology-related study programmes at the universities of applied sciences and research universities with the aim of improving and increasing the enrolment of talented technologists. One related activity is in the Eindhoven region: Brainport International Community (BIC).

The Hague Security Delta (HSD) is a joint effort to boost security R&D and industry in and around the international city of peace and justice The Hague. TNO is one of the founding members of HSD. A possible regional development alike BIC as part of the HSD set of initiatives may occur in the near future.

3.3.4 Italian exchange programmes.

3.3.4.1 Researcher mobility in Scientific and Technological Executive Collaboration Projects (Italy)

Researcher Mobility Projects are research projects jointly financed by the Italian Foreign Ministry (Unit for Science and Technology Cooperation of the Directorate General for Country Promotion) and its respective foreign counterpart.

The Mobility Projects are selected on the basis of a Call for proposals for research within a prescribed area or areas, which is published simultaneously in both Italy and the foreign country with whom the Executive Protocol is being negotiated. The grant supports expenses for travel and allowance of Italian researcher in the partner Country and, vice versa, for the expenses of the foreign researchers coming in Italy.

Currently call for proposals are open for researcher mobility from and to Albania, Argentina, China, Korea, Egypt, Japan, India, Mexico, Poland, Romania, Serbia, Slovenia, USA, South Africa, Sweden, Turkey, Hungary.

More information about the programme, the open calls and the submission process are available online at:

http://www.esteri.it/MAE/EN/Politica_Estera/CooperScientificaTecnologica/ProgrammiEsecutivi/MobilitaRicercatori

3.3.4.2 Italy – USA Fulbright Program

The Fulbright Program, established in 1946 by the US Congress to "enable the government of the United States to increase mutual understanding between the people of the United States

and the people of other countries", started in Italy in 1948 and became a bi-national program in 1975.

It is funded and managed jointly by the US Department of State and the Italian Ministry of Foreign Affairs through the US-Italy Fulbright Commission (Commissione per gli scambi culturali fra l'Italia e gli Stati Uniti). The Commission collaborates with the Institute of International Education (IIE) and the Council for International Exchange of Scholars (CIES).

It fosters cultural exchanges between Italy and the United States in all fields, including sciences, humanities, social sciences and the arts.

It promotes study, research and teaching in Italy and the United States through scholarships for Italian and US citizens (130 to 140 scholarships each year).

It provides scholarships to Italian universities interested in inviting US professors and researchers to lecture, to conduct seminars and/or workshops. (Intercountry Program and Fulbright Specialist Program).

More information can be found at <http://www.fulbright.it/it> (in Italian and English).

3.4 Organisation-level programmes

3.4.1 Eurotalents CEA programme

Eurotalents will offer to selected scientists a bottom up approach, and a research topic within CEA's main domains of expertise, except areas covered by EURATOM Treaty. The domains covered by Eurotalents programme are the following:

- Microelectronics, nanosciences and nanotechnologies
- Energy, environment and climate change
- Science and technology of high performance computing
- Life sciences and biotechnology
- High energy physics, high energy density physics and astrophysics

All these domains are focusing on research areas aligned with or encouraged by the European policy.

As CEA is offering an outstanding environment of research, e.g. laboratories with very efficient equipment and excellent researchers, Eurotalents fellows will profit from a boost in their career development.

Research scientists applying to this action are expected to identify and develop a research training project leading to:

- Increased professional maturity and independence
- Enlarged scientific competencies such as inter/multidisciplinary research and research management skills.

In the context of **advanced training** and **life-long training**, the fellowship is expected to be part of a structured, long-term professional development plan that is coherent with past achievements and clearly defines the researcher's future aims.

More information can be found at:

<http://eurotalents.cea.fr/images/stories/guideforapplicantsmay2012v12.pdf>

Annex 1: Guide to Marie Curie Actions

	Who applies for the grant?	
	Organisation only	Individual together with an Organisation
You have less than 4 years research experience (e.g. you are doing your PhD) (Early stage researcher)	· Marie Curie Initial Training Networks (ITN) · Industry Academia Partnerships and Pathways (IAPP) · International Research Staff Exchange Scheme (IRSES)	
You have more than 4 years research experience or you have a doctoral degree (PhD) (Experienced researcher)	· Industry Academia Partnerships and Pathways (IAPP) · International Research Staff Exchange Scheme (IRSES)	· Marie Curie Intra-European Fellowships (IEF) · Marie Curie International Incoming Fellowships (IIF) · Marie Curie International Outgoing Fellowships (IOF) · Marie Curie Career Integration Grants (CIG)
Managerial and technical staff	· Industry Academia Partnerships and Pathways (IAPP) · International Research Staff Exchange Scheme (IRSES)	

Annex 2: Marie Curie Actions



Marie Curie Actions

MARIE CURIE ACTIONS ROAD SHOW

Paris, 23 April 2013

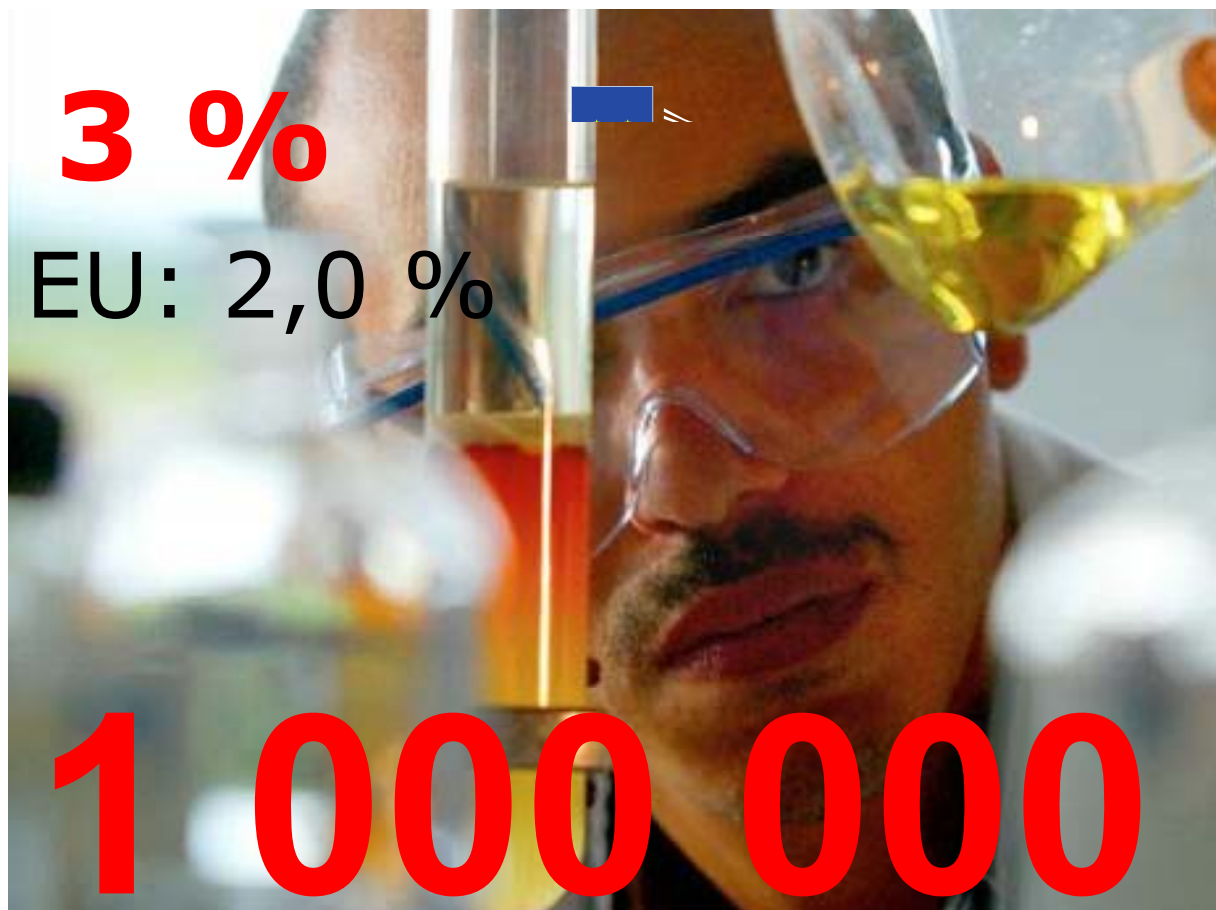
**David Wizel
REA P3
European Commission**



FP7

**Marie Curie Actions
=
People Programme**





Objectives

- Develop **Researcher** skills
- **Attract** people to research
- Encourage to stay in Europe
- All stages of researchers' careers
- **Mobility** (max 12 months in last 3 years in host country)



People Programme Structure

Initial training of researchers

Initial Training Networks (ITN)

Life-long training and career development

Intra-European Fellowships (IEF), Career Integration Grants (CIG)

Co-funding of regional, national, international programmes (COFUND)

Industry dimension

Industry-Academia Partnerships and Pathways (IAPP)

International dimension

International Outgoing Fellowships (IOF), International Incoming Fellowships (IIF),

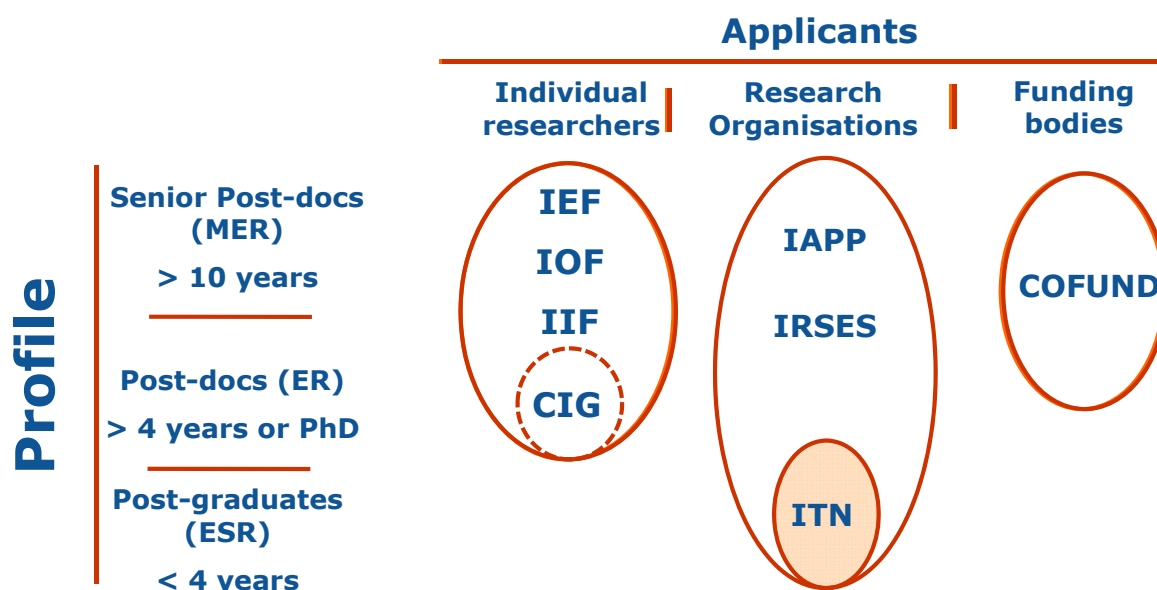
International Research Staff Exchange Scheme (IRSES)

Specific actions

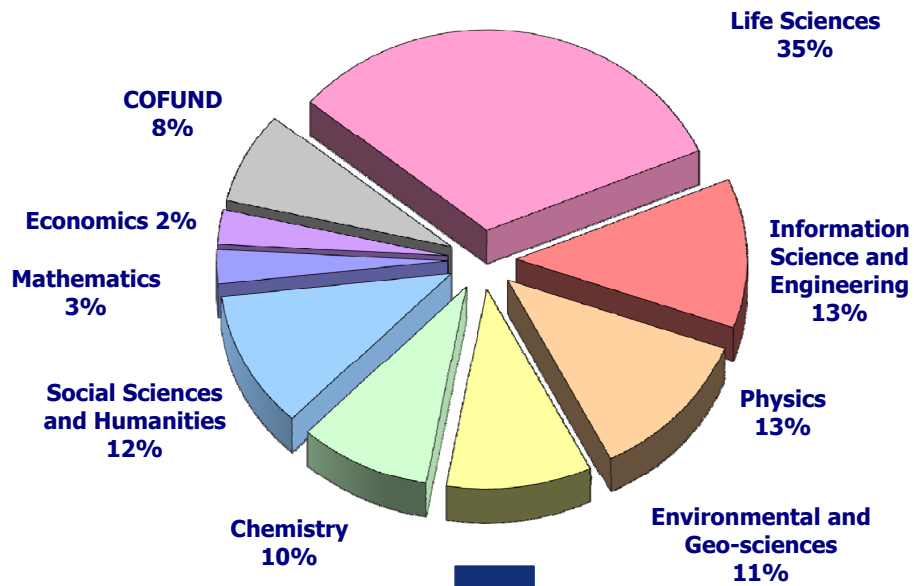
Researchers' Night (NIGHT), EURAXESS



Who applies to what?



Topics



Intra-European Fellowships (IEF) 1

Objectives

- - To support the best and most promising researchers in their Europe-wide career
- - To enhance and maximise their contribution to the knowledge-based economy and society

Expected impact

- Career development of experienced researchers
- Competence diversification – skills acquisition at multi-interdisciplinary level and/or inter-sectoral level
- Attain a leading independent position
- Resume a career in research after a break (Career Restart Panel- CAR)



Intra-European Fellowships (IEF) 2

Intra-European Fellowships – IEF

- Career Development through the funding of a research project undertaken in an EU Member State or Associated Country

Eligibility	Postdocs or researchers with at least 4 years of research experience
Nationality	Researchers of any nationality
Mobility rule	Stays in the host country no longer than 12 months in the last 3 years
Duration	1-2 years
Topic	Open to all fields of research



Intra-European Fellowships (IEF) 3

- **Researchers from EU**
or Associated Countries (AC) for **mobility to another EU or AC**
- **Applicants:** the researcher jointly with the host organisation





Intra-European Fellowships (IEF) 4

CAREER RESTART PANEL (only IEF)

- Encouraging researchers to return to research **after a career break**
- No fellowship or employment in research for **at least 12 months** immediately prior to the call deadline
- Modified **mobility rule** (3 years out of 5)
- **Multidisciplinary** panel (CHE, SOC, ECO, ENG, ENV, LIF, MAT, PHY)



Example IEF



A German researcher
who lived in France
for 10 months



Eligible for a
fellowship in
France



Marie Curie Individual Fellowship





International Outgoing Fellowships (IOF) 1

Objectives

- To reinforce the international dimension of researcher careers.
- To transfer acquired knowledge to Member States (MS) and Associated Countries (AC)

Expected impact

- Significant advances in such researchers' careers
- Acquisition of complementary research competences at an advanced level
- Reach a position of professional maturity
- Resume a research career



International Outgoing Fellowships (IOF) 2

International Outgoing Fellowships – IOF

- Career Development through the funding of a research project undertaken in a Third Country

Eligibility	Postdocs or researchers with at least 4 years of research experience
Nationality	Researchers with the nationality of an EU Member State or Associated Country
Mobility rule	Stays in the host country no longer than 12 months in the last 3 years
Duration	1-2 years + 1 year obligatory reintegration phase
Topic	Open to all fields of research





International Outgoing Fellowships (IOF) 3

- **Researchers** from EU or AC to carry out **research in a 3rd Country**
- **Experienced researchers** (PhD or ≥ 4 years research)
- **Applicants:** researcher jointly with the return host organisation



International Outgoing Fellowships (IOF) 4

- Fellowships of **2 phases**:
 - initial **outgoing phase** in a Third Country (1-2 years)
 - mandatory **return phase** in EU or AC (1 year – return host)
- **Contract** with return institution



Example - IOF



International Incoming Fellowships (IIF) 1

Objectives

- To incoming top-class researchers active in a third country
- To transfer knowledge through mutual beneficial research cooperation

Expected impact

- Significant advances in such researchers' careers
- Acquisition of complementary research competences at an advanced level
- Attain a leading independent position





International Incoming Fellowships (IIF) 2

International Incoming Fellowships – IIF

- Career Development through the funding of a research project undertaken in an EU Member State or Associated Country

Eligibility	Postdocs or researchers with at least 4 years of research experience
Nationality	Researchers of any nationality active in a Third Country
Mobility rule	Stays in the host country no longer than 12 months in the last 3 years
Duration	1-2 years + 1 year optionally reintegration for researchers from ICPC
Topic	Open to all fields of research

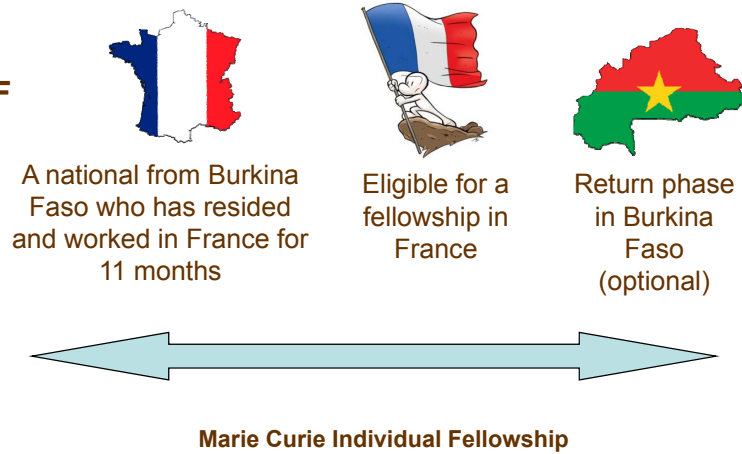


International Incoming Fellowships (IIF) 3

- Researchers moving **from a third country to EU or AC**
- Financial support **for 12-24 months** (possible return phase for some countries – 6 months)



Example IIF



Funding rates (IEF, IOF, IIF)

- **Salary** (experience) & **Mobility allowance** (700/1000 € month)
- Contribution to **Training and research** costs (800 € month)
- **Overheads** (max. 700 € month)
- **Country coefficient** – FR: 116.1%





Researcher's salary (IEF, IOF, IIF)

- Includes all employer's costs such as social security and pension contributions
- takes into account the cost of living in the country of recruitment (country coefficients – [country cc] %)

Yearly reference rates for monthly living allowances (to cover salary) under employment contracts

Researchers Categories	EUR/year
Early-stage researchers	38 000
Experienced researchers (< 10 years experience)	58 500
Experienced researchers (>10 years experience)	87 500



Career Integration Grants (CIG) 1

1. For *Experienced* Researchers
 - **Must have a PhD or at least 4 years of research experience**
2. Researchers can be of any nationality
3. Researchers must move country to take up research job in a MS/AC (must comply with *Mobility Rule*)
 - **During the past 36 months max 12 months spent in host country**
 - **No nationality requirement => Possible to return to home country**
4. Duration of CIG grant: 24 – 48 months.
5. Host must offer full time research post for *at least* the duration of the CIG grant.
6. EU contribution: 25 000€/year



Career Integration Grants (CIG) 2

The Host perspective

- *A CIG can be combined with (almost) any other funding*
 - Not possible to combine with other Marie Curie Grants
 - Not possible to combine with other personal grants that "pays everything" (e.g. ERC grants)
- *CIG paid as lump sum => for any type of costs of the proposed project*
 - Part of salary of Researcher (or other people working on project)
 - Equipment, consumables, travel
 - Overhead, management costs
 - Etc.
- *Simplified reporting. (No financial reporting)*



Call identifier	Deadline in 2013	Budget
<u>FP7-PEOPLE-2013-IEF</u>	14 August	134 M€
<u>FP7-PEOPLE-2013-IOF</u>	14 August	44,5M€
<u>FP7-PEOPLE-2013-IIF</u>	14 August	44,5M€
<u>FP7-PEOPLE-2013-CIG</u>	7 March 18 September	40 M€



Marie Curie success rates

MC Calls 2012	Success rates
IEF	18,19%
IIF	15,17%
IOF	20,09%
CIG	31,35%



Evaluation criteria (1)

Quality of:

- *Science and Technology approach -IxF- (3): Threshold 3, Weighting 25%*
- S&T quality, Research methodology, Originality and innovation, Timeliness and Relevance of the project, Host Expertise and Quality of supervisors
- *Training -IEF, IOF- (2): Threshold 3, Weighting 15%*
- Clarity and quality of research training objectives, Relevance and Quality of additional scientific training, Host expertise in training experienced researchers
- *Transfer of Knowledge -IIF- (2): Weighting 15%*
- Potential of transferring knowledge, Clarity and quality of the transfer of knowledge objectives
- *Researcher -IxF- (1): Threshold 4, Weighting 25%*
- Research experience and results, Leadership, Match, Potential





Evaluation criteria (2)

Quality of:

- *Implementation -IxF- (5): Weighting 15%*
 - *Feasibility and credibility of the project, Workplan, Infrastructure, Administration*
- *Impact - IxF- (4): Weighting 20%*
 - *Potential to acquire competences, Contribution to career development, Long-term collaboration, Contribution to REA and EU competitiveness*



Hints for a successful proposal (1)

- *The evaluators may not all be world experts in exactly the area of your proposal – avoid using very specific jargon and acronyms*
- *Provide the evaluators with evidence for your claims, but avoid external resources (links to websites etc.)*
- *Graphics and charts can be very helpful, but don't overdo it! Make sure they are readable in black & white.*
- *Take also note of the following...*





Hints for a successful proposal (2)

- *Explain the contribution that your project is expected to make. Your project should be innovative and original. It cannot look like a continuation of a PhD.*
- *Demonstrate the expertise of the host institution as well as the expertise of the scientific in charge in the field of research you want to explore. Information must be given on host's expertise in training experienced researchers and capacity to provide mentoring/tutoring.*
- *Describe how this project will contribute to your own career. The potential of the fellow to acquire new competencies should be clearly described.*
- *Find a successful proposal (Google also helps – "Part B")*



Participant portal (calls, submission...)

<http://ec.europa.eu/research/participants/portal/page/people>

Marie Curie Actions

<http://ec.europa.eu/mariecurieactions/>

Advise (country NCP): [address of the NCP from the PP]

FAQ: http://ec.europa.eu/research/mariecurieactions/faq_en.cfm

Jobs supported - Euraxess:

<http://ec.europa.eu/euraxess/index.cfm/jobs/jvSearchData/mc/add/1>

Registration of experts - evaluators:

<http://ec.europa.eu/research/participants/portal/page/experts>



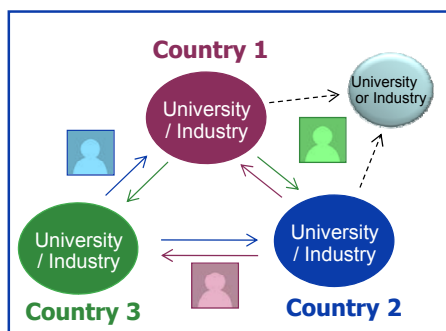


Other opportunities for individual researchers

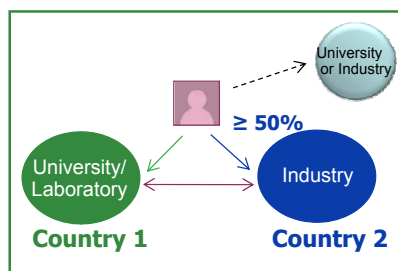
ITN
IAPP
COFUND



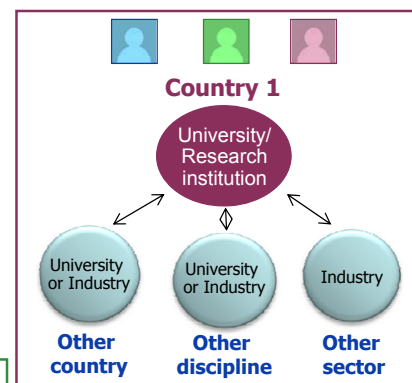
ITN



Multi-ITN



European Industrial Doctorates



**Innovative
Doctoral
Programm**



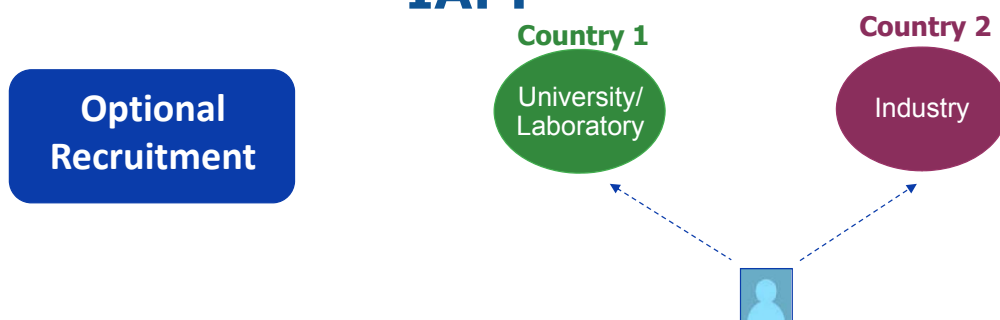
ITN opportunities

- *Opportunities for PhD candidates (employment contract)*
- *Currently there are 233 ITN running projects (starting from 2011 and ending in 2017)*
- *222 jobs for Early Stage Researchers now (February 2013) published in Euraxess:*
- *More opportunities with the 2013 projects that have been recently evaluated*

<http://ec.europa.eu/euraxess/index.cfm/jobs/jvSearch>



IAPP



- The participants can recruit **experienced researchers (ER / MER)**
- Recruitments are allowed for a period of **12-24 months**





IAPP opportunities

- *Opportunities for Experienced and More Experienced Researchers (employment contract)*
- *Currently there are 101 IAPP running projects (starting from 2011 and ending in 2017)*
- *Jobs vacancies should be published in Euraxess*
- *More opportunities with the 2013 projects that are supposed to start this year or later on*
- <http://ec.europa.eu/euraxess/index.cfm/jobs/jvSearch>



Cofund programmes - opportunities for individuals

- *Cofund beneficiaries: only from Member States and Associated countries*

See map of projects at

<http://maps.google.at/maps/ms?msid=213886836935025775306.0004ce712744501893f6c&msa=0>

- *Most of the Cofund programmes are open to all nationalities*

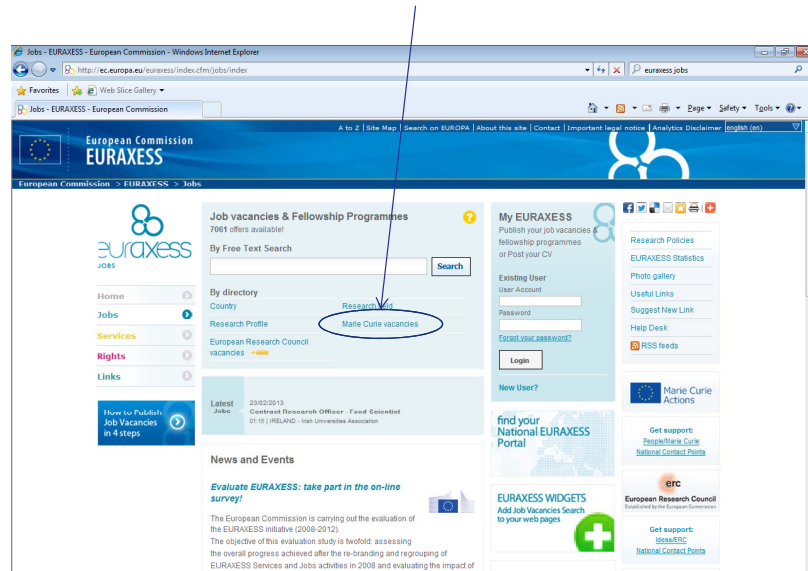
- More information on:

<http://ec.europa.eu/research/participants/portal/page/othercalls/cofund> (list of all cofunded programmes) and on Euraxess





MCA vacancies on EURAXESS Jobs



Merci



David Wizel

David.wizel@ec.europa.eu

**European Commission
Research Executive
Agency**



Annex 3: How to Submit a Successful Proposal



HOW TO SUBMIT A SUCCESSFUL PROPOSAL

60 TIPS FOR MCA

Stéphane AYMARD, National Contact Point

Individual fellowships

IEF : Intra-European Fellowships

IOF : International Outgoing Fellowships

IIF : International Incoming Fellowships



1 –PROJECT

Choose the right call, the right area, consult NCP (eligibility)

Respect conditions (participants, full time, budget, etc.)

Show european dimension (scale, populations, cooperations)

Develop perspectives (synergies, future...)

Choose the right duration of your project in line with the objectives

Have a strong partnership (host/you), complementarity, time

Plan research and **Training**

Have a workprogramme : use Gantt chart

1 – PROJECT (SCIENCE)

Mention interdisciplinarity, intersectorality

Describe carefully the methodology (advantages/difficulties)

State of the art should be accurate

Choose a problem-solving approach

Choose clear and measurable objectives

Insist on the innovative part of your project

2 –RESEARCHER

Plan research and **Training** : show the training capacities

Argue about your career (leadership, maturity...)

Choose an effective mobility (genuine)

Have a “more senior” profile

Underline your major publications

Underline the perfect appropriateness of your profil and the project

3 –TRAINING

Integrate training about equipments, new tools, new softwares

Take part in internal seminars, workshops, summer schools, ...

Participate to dissemination of scientific culture

How to answer research calls

Financial training + management

Complementarity skills
(communication, Intellectual property, management...)

Intersectoral (public/private) relation, employability

Launch new collaborations

4 –HOST LABORATORY

Choose a well known laboratory, with a good reputation

Choose a well known supervisor

Choose an institution with a high level of quality

Underline the main achievement of your host laboratory
(patents, publications, number of PhD, contracts, international projects...)

Describe carefully the infrastructure/equipments...

5 - IMPLEMENTATION

Wait 6 months before to start

Describe responsibilities (who do what)

Anticipate resolution of conflicts, organise communication (meetings)

Organise your budget (even with flat rate) :

Resources : environment, infrastructures

Expenses : summer schools, conferences, consumables

Describe host institution (library, equipments, C&C...)

Describe type of contract (justify stipend)

6 - IMPACT

Interest of your mobility (for you, for the lab, etc.)

Describe synergies (societal challenges)

Describe the European “added value”

Link your research with European policies
(ex: green papers, recommendations...)

Propose outreach activities
(ex: Science week, researchers night)

Propose links with students, with medias

7 - WRITING

Respect the number of pages for each part

Write in English and in good English
(concision, accuracy)

Take care of the format (diagrams, tables, bold...)

Avoid redundancies

Give easy access to the information (numbers, tables, references...)

Read all documents : guides, guidelines for evaluators...

Write with the help of the supervisor and host institution

Take time for Abstract and keywords

Take time

8 - EVALUATION

Think as if you were the evaluator
(3 persons, interdisciplinarity/intersectoriality of the panel...)

Evaluators are from all over Europe and beyond
(Forget national codes)

Take care of the criteria, weighting, threshold, success rates...

Give your proposal to read

Find an accepted project

SUCCESS STORIES



SUCCESS STORIES

Intra-European Fellowships (IEF)

Silvana Revellino, PhD
The management control of innovation: the role of management control technologies in the off-shoring of R&D processes - Innovation Control

Italy

"Unleashing mind transforming life"

Host Organization : Copenhagen Business School
Former Organization : University of Bergamo
Scientist in Charge : Prof. Jan Mouritsen
Start-End Date : January 2011 - December 2012
Total Budget : € 216,241
Keywords : Management control, accounting, innovation management, off-shoring

Main Research Objectives

- Enquiring into the dilemmas which are coupled with the control of innovation.
- Following the generation of innovation in the off-shoring of R&D processes.
- Developing insights related to controlling innovation at a distance by managing inter-organizational networks which are characterized by a high geographic dispersion.

Assistance of Marie Curie National Contact Points

Application
During the application phase, I received a really great support from the NCP having had the luck to meet people with high professional competences and skills.

Negotiation
During the negotiation phase I had no difficulty.

Implementation
To better manage this phase without any doubt I will ask again the support of the NCP who I am sure will be very helpful.

Benefits of Participation in this Marie Curie Action

Fellow's View

Host Organisation's View

SUCCESS STORIES

International Incoming Fellowships (IIF)

Tatsuaki Mizutani, PhD
Establishment of a novel CML model using Multi Hit technology - CMLMULTIHIT

Austria

"Marie Curie gave me the key to throw open the gates of my advanced research life."

Host Organization : Ludwig Boltzmann Institute for Cancer Research, Vienna (Austria)
Former Organization : Hokkaido University Graduate School of Medicine, Hokkaido (Japan)
Scientist in Charge : Dagmar Stoiber-Sakaguchi, PhD
Start-End Date : May 2010 - May 2012
Total Budget : € 170,981
Keywords : Leukemia, disease transition, mouse model
Website : <http://lbicr.lbg.ac.at>

Main Research Objectives

My objective is to reveal the in vivo pathogenesis of chronic myelogenous leukemia (CML) disease progression (from chronic phase to accelerated phase or blast crisis) using a novel mouse model. I anticipate to identify an essential molecule for CML transition through this project. This might be exploited for both, prognostic indicators as well as new targets for therapy.

Assistance of Marie Curie National Contact Points

Application
Excellent. The NCP pre-checked our application before submission and provided us with thoughtful suggestions.

Negotiation
Excellent. This is the most difficult phase for the researchers. We have received quick and accurate support from NCP side.

Implementation
Excellent. Regarding reporting, it was not so easy to find information on the EU FP7 People Specific Programs. NCP also kindly helped us at this phase.

Benefits of Participation in this Marie Curie Action

Fellow's View

Host Organisation's View

	Dépôts 2012	Dépôts 2011	Dépôts 2010	Dépôts 2009	Dépôts 2008	Dépôts 2007	Evolution
IEF	3732	3326	2832	2388	1638	1701	219%
IOF	962	861	730	590	441	340	283%
IIF	1464	1304	1160	1040	661	570	257%
	6158	5491	4722	4018	2740	2611	236%



Scores seuils des IEF, IIF, IOF 2010

Panel	IEF	IOF	IIF
CAR	88,2		
CHE	89,4	91,7	90,6
ECO	86,7	85,4	85
ENG	86,9	87,3	88,9
ENV	88,9	90,9	92
LIF	89,1	89,3	89,7
MAT	85,1	87,5	89,4
PHY	87,6	87,1	88,5
SOC	89,9	91,3	92,8

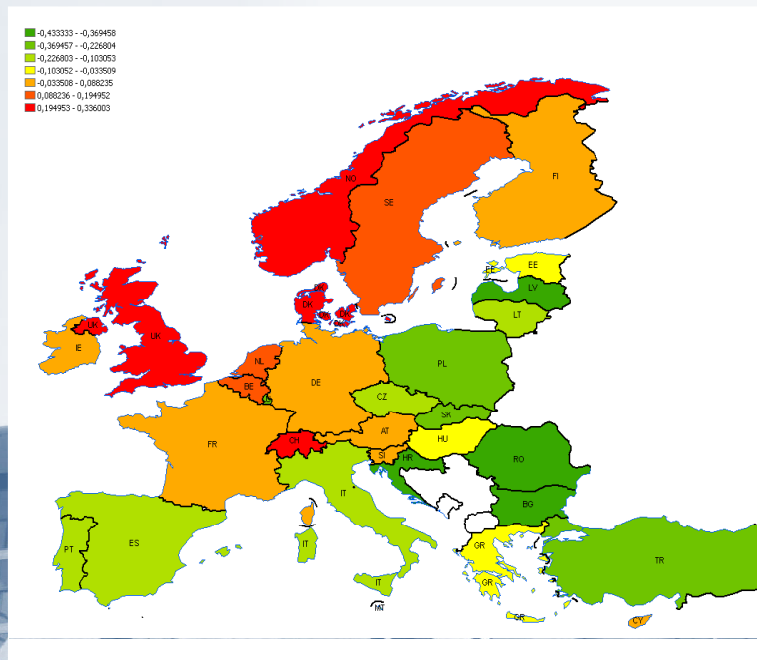
Scores seuils des IEF, IIF, IOF 2011

Panel	IEF	IOF	IIF
CAR	88,2		
CHE	89,1	89,4	88,6
ECO	85,3	93,2	89
ENG	88	88,9	89,4
ENV	89,4	91	90,1
LIF	89,2	90,7	88,7
MAT	87	85,6	87,5
PHY	88,7	90,5	88
SOC	89	90,9	93,1

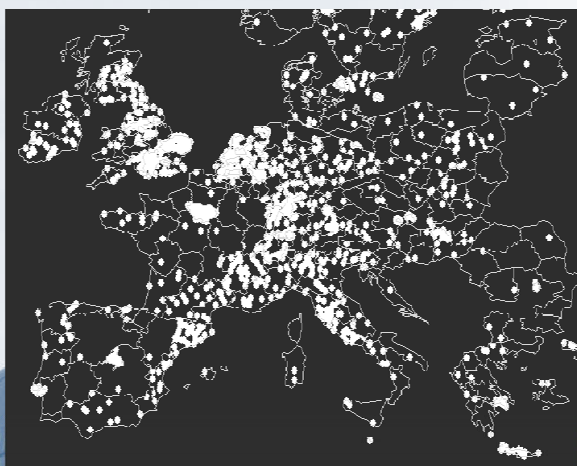
Scores seuils des IEF, IIF, IOF 2012

Panel	IEF	IOF	IIF
CAR	90,3		
CHE	90,5	91,4	91
ECO	85,4	90,5	90
ENG	89	89,8	89,5
ENV	90	90,7	90,1
LIF	90,1	91,3	91,6
MAT	88,8	93	89,6
PHY	89,1	90,2	88,4
SOC	91,7	91,7	93,1

IXF FP6 : INCOMING vs OUTGOING



MAIN HOSTS IN EUROPE



MC FP6 Institution Regions



Europe scientific collaboration in articles 2005-2009



EXPERTS : IEF

	Higher Education		Non-research private body		Non-research public body		Other		Research organisation		TOTAL
		%		%		%		%		%	
FEMALE	257	45,49 %	28	43,08 %	11	50,00 %	39	52,70 %	189	45,11 %	524
MALE	308	54,51 %	37	56,92 %	11	50,00 %	35	47,30 %	230	54,89 %	621
Total	565	49,34 %	65	5,68 %	22	1,92 %	74	6,46 %	419	36,59 %	1 145



IEF 2012 : SUCCESS RATES

Disciplinary panel	Number Of Proposals					
	Evaluated		Ranked List*		Success Rate %	Reserve list **
	Total	%	Total	%		
CAR	151	4,07 %	22	3,58 %	14,57 %	7
CHE	383	10,33 %	65	10,59 %	16,97 %	19
ECO	79	2,13 %	13	2,12 %	16,46 %	4
ENG	338	9,12 %	54	8,79 %	15,98 %	17
ENV	501	13,51 %	83	13,52 %	16,57 %	26
LIFE	1 073	28,94 %	182	29,64 %	16,96 %	53
MAT	102	2,75 %	17	2,77 %	16,67 %	4
PHY	371	10,01 %	65	10,59 %	17,52 %	19
SOC	710	19,15 %	113	18,40 %	15,92 %	33
Total	3 708	100 %	614	100 %	16,56 %	182

IEF 2012 : TYPE OF PARTICIPANTS

Disciplinary panel	Higher or secondary education			Others			Private for profit (excl. education)			Public body (excl. research and education)			Research organisations		
	Evaluated	Ranked List	Success Rate	Evaluated	Ranked List	Success Rate	Evaluated	Ranked List	Success Rate	Evaluated	Ranked List	Success Rate	Evaluated	Ranked List	Success Rate
CAR	113	19	16,81 %	2			3						33	3	9,09 %
CHE	311	58	18,65 %				11	1	9,09 %	1			60	6	10,00 %
ECO	69	10	14,49 %	1						1	1	100,00 %	8	2	25,00 %
ENG	273	45	16,48 %	1			19			1			44	9	20,45 %
ENV	355	67	18,87 %	2			5			5			134	16	11,94 %
LIFE	680	101	14,85 %	9			26	9	34,62 %	17	2	11,76 %	341	70	20,53 %
MAT	88	17	19,32 %										14		
PHY	264	47	17,80 %				8			2			97	18	18,56 %
SOC	618	98	15,86 %	3	1	33,33 %	10			5			74	14	18,92 %
Total	2 774	462	12,46 %	18	1	0,03 %	82	10	0,27 %	32	3	0,08 %	805	138	3,72 %

IEF 2012: APPLICANTS

AT - Austria	97	17	17,53 %
BE - Belgium	132	18	13,64 %
BG - Bulgaria	2		0,00 %
CY - Cyprus	16		0,00 %
CZ - Czech Republic	10		0,00 %
DE - Germany	357	67	18,77 %
DK - Denmark	118	26	22,03 %
EE - Estonia	3		0,00 %
EL - Greece	42	8	19,05 %
ES - Spain	359	45	12,53 %
FI - Finland	46	1	2,17 %
FR - France	424	64	15,09 %
HU - Hungary	16	3	18,75 %
IE - Ireland	58	8	13,79 %
IT - Italy	199	15	7,54 %
LT - Lithuania	2		0,00 %
LU - Luxembourg	3		0,00 %
LV - Latvia	2		0,00 %
MT - Malta	5	1	20,00 %
NL - Netherlands	230	38	16,52 %
PL - Poland	16	1	6,25 %
PT - Portugal	76	1	1,32 %
RO - Romania	2		0,00 %
SE - Sweden	136	12	8,82 %
SI - Slovenia	13	2	15,38 %
SK - Slovakia	6		0,00 %
UK - United Kingdom	1 029	237	23,03 %
EC Member States	3 399	564	16,59 %

IEF 2011 : NATIONALITIES

		Applicant nationality*																											
Host Country	Country	AT	BE	BG	CA	CH	CL	CN	DE	EL	ES	FI	FR	HR	HU	IE	IL	IN	IT	NL	PL	PT	RO	RU	SE	SK	UK	US	Total
	AT								3	1									1						1			1	7
	BE	1		2			1				4		1				1		2	1	1				1				15
	CH	2			1	1		1	7	1	3		3	1	2			2	4	2		1	1		1		1	1	39
	CY								1																				1
	DE	3			1	1		1	7	2	8		2			3			8	2		1					2		44
	DK	1						1	2		2	1	1								1	1			1		3		15
	EL									5						1			1										8
	ES	1		1		1	1		4	4	9		4						6	1		1		2		1	3	1	42
	FR		2			1			4		8		6	1	1				15	2	1				1	1	9	2	59
	HR												1							1									1
	HU												1																1
	IE										2						1	1		1		1					1		8
	IL																						1						1
	IT	1							5	1	2		4					1	3	1				1			1		21
	NL	1	4	1					6	1	7		6	1	1			2	6	3	1						1		43
	NO							1				1																	3
	PF								1																				1
	PL																												1
	PT										2												1	4				1	8
	SE				2													1	2			1			2		3		11
	UK		4	1	1	4	2	2	19	6	33	2	13	1	3	3	6	3	27	6	5	2	2	3	4	2	2	5	175
	Total	10	10	5	5	8	4	5	60	21	80	4	41	4	7	8	8	9	76	20	11	11	4	5	11	4	27	11	504

Country	AT	BE	BG	CA	CH	CL	CN	DE	EL	ES	FI	FR	HR	HU	IE	IL	IN	IT	NL	PL	PT	RO	RU	SE	SK	UK	US	Total	
AT								3	1									1						1			1	7	
BE	1		2			1				4		1				1		2	1	1								15	
CH	2			1	1		1	7	1	3		3	1	2			2	4	2		1	1		1	1	1		39	
CY								1																				1	
DE	3			1	1		1	7	2	8		2			3			8	2		1					2		44	
DK	1						1	2		2	1	1								1	1			1	3			15	
EL									5						1			1										8	
ES	1		1		1	1		4	4	9		4						6	1		1		2		1	3	1	42	
FR		2			1			4		8		6	1	1				15	2	1				1	1	9	2	59	
HR												1							1									1	
HU																												1	
IE										2						1	1			1						1		8	
IL																						1						1	
IT	1							5	1	2		4					1	3	1					1		1		21	
NL	1	4	1					6	1	7		6	1	1			2	6	3	1						1		43	
NO								1			1								1									3	
PF								1																				1	
PL																										1		1	
PT										2										1	4					1		8	
SE				2													1	2					2			3		11	
UK		4	1	1	4	2	2	19	6	33	2	13	1	3	3	6	3	27	6	5	2	2	3	4	2	2	5		175
Total	10	10	5	5	8	4	5	60	21	80	4	41	4	7	8	8	9	76	20	11	11	4	5	11	4	27	11	504	

IOF 2012 : SUCCESS RATES

Disciplinary panel	Number Of Proposals					
	Evaluated		Ranked List*		Success Rate %	Reserve list **
	Total	%	Total	%		
CHE	74	7,75 %	13	8,28 %	17,57 %	3
ECO	25	2,62 %	4	2,55 %	16,00 %	3
ENG	128	13,40 %	20	12,74 %	15,63 %	5
ENV	181	18,95 %	29	18,47 %	16,02 %	8
LIFE	270	28,27 %	46	29,30 %	17,04 %	13
MAT	22	2,30 %	3	1,91 %	13,64 %	3
PHY	73	7,64 %	12	7,64 %	16,44 %	3
SOC	182	19,06 %	30	19,11 %	16,48 %	9
Total	955	100 %	157	100 %	16,44 %	47
Average						

IOF 2012 : APPLICANTS

AT - Austria	17	7	41,18 %
BE - Belgium	25	3	12,00 %
BG - Bulgaria	1	0	0,00 %
CY - Cyprus	7	2	28,57 %
CZ - Czech Republic	8		0,00 %
DE - Germany	79	13	16,46 %
DK - Denmark	22	5	22,73 %
EE - Estonia	4	1	25,00 %
EL - Greece	13	2	15,38 %
ES - Spain	190	27	14,21 %
FI - Finland	12	0	0,00 %
FR - France	106	19	17,92 %
HU - Hungary	8	1	12,50 %
IE - Ireland	26	4	15,38 %
IT - Italy	101	10	9,90 %
NL - Netherlands	41	9	21,95 %
PL - Poland	17	0	0,00 %
PT - Portugal	9	0	0,00 %
RO - Romania	1	0	0,00 %
SE - Sweden	39	4	10,26 %
SI - Slovenia	4	0	0,00 %
SK - Slovakia	4	0	0,00 %
UK - United Kingdom	122	36	29,51 %
EC Member States	856	143	16,71 %

IOF 2012 : OUTGOING

AE - United Arab Emirates	1	0	0,00 %
AU - Australia	92	12	13,04 %
CA - Canada	101	13	12,87 %
HK - Hong Kong	4	0	0,00 %
JP - Japan	11	1	9,09 %
KR - Korea (Republic of)	2	0	0,00 %
MC - Monaco	1	0	0,00 %
MO - Macao	1	0	0,00 %
NZ - New Zealand	12	3	25,00 %
SG - Singapore	9	1	11,11 %
TW - Taiwan	1	0	0,00 %
US - United States	652	118	18,10 %
VA - Holy See	1	0	0,00 %
Other countries	888	148	16,67 %
EG - Egypt	2	0	0,00 %
MA - Morocco	3	0	0,00 %
TN - Tunisia	1	1	100,00 %
ICPC - Mediterranean Partner Countries	6	1	16,67 %

IOF 2012 : OUTGOING

RU - Russian Federation	6	0	0,00 %
ICPC - Eastern Europe and Central Asia	6	0	0,00 %
CN - China (People's Republic of)	7	2	28,57 %
ID - Indonesia	1	0	0,00 %
IN - India	4	1	25,00 %
IR - Iran	1	0	0,00 %
MY - Malaysia	2	0	0,00 %
OM - Oman	1	0	0,00 %
PH - Philippines	1	0	0,00 %
TH - Thailand	3	0	0,00 %
ICPC - Asia	20	3	15,00 %
AR - Argentina	6	0	0,00 %
BR - Brazil	7	1	14,29 %
CL - Chile	2	0	0,00 %
CO - Colombia	1	0	0,00 %
MX - Mexico	6	1	16,67 %
PA - Panama	2	0	0,00 %
UY - Uruguay	1	0	0,00 %
ICPC - Latin America	25	2	8,00 %
AO - Angola	1	0	0,00 %
GH - Ghana	1	0	0,00 %
ZA - South Africa	6	2	33,33 %
ZM - Zambia	1	1	100,00 %
ICPC - ACP - Africa	9	3	33,33 %
CU - Cuba	1	0	0,00 %
ICPC - ACP - Caribbean	1	0	0,00 %

IIF 2012 : SUCCESS RATES

Disciplinary panel	Number Of Proposals					
	Evaluated		Ranked List*		Success Rate %	Reserve list **
	Total	%	Total	%		
CHE	243	16,79 %	32	16,58 %	13,17 %	8
ECO	33	2,28 %	4	2,07 %	12,12 %	3
ENG	187	12,92 %	21	10,88 %	11,23 %	7
ENV	151	10,44 %	21	10,88 %	13,91 %	5
LIF	472	32,62 %	67	34,72 %	14,19 %	20
MAT	55	3,80 %	7	3,63 %	12,73 %	3
PHY	203	14,03 %	28	14,51 %	13,79 %	8
SOC	103	7,12 %	13	6,74 %	12,62 %	4
Total	1 447	100 %	193	100 %	13,34 %	58
Average						

IIF 2012 : APPLICATIONS

AT - Austria	29	5	17,24 %
BE - Belgium	42	7	16,67 %
BG - Bulgaria	1	0	0,00 %
CY - Cyprus	3	0	0,00 %
CZ - Czech Republic	6	0	0,00 %
DE - Germany	163	19	11,66 %
DK - Denmark	30	6	20,00 %
EE - Estonia	3	0	0,00 %
EL - Greece	16	0	0,00 %
ES - Spain	164	12	7,32 %
FI - Finland	22	3	13,64 %
FR - France	169	16	9,47 %
HU - Hungary	12	3	25,00 %
IE - Ireland	17	2	11,76 %
IT - Italy	63	3	4,76 %
LT - Lithuania	3	0	0,00 %
LV - Latvia	3	0	0,00 %
NL - Netherlands	67	11	16,42 %
PL - Poland	11	1	9,09 %
PT - Portugal	23	2	8,70 %
RO - Romania	2	0	0,00 %
SE - Sweden	55	4	7,27 %
SI - Slovenia	4	0	0,00 %
SK - Slovakia	3	0	0,00 %
UK - United Kingdom	420	78	18,57 %
EC Member States	1 331	172	12,92 %
TOTAL	1 447	193	13,34 %

IIF 2011 : NATIONALITIES

		Applicant nationality																																
Host Country	Country	AR	AT	AU	BE	BR	CA	CN	CY	CZ	DE	ES	FR	HK	HU	IE	IN	IQ	IR	IT	JP	KR	MX	NG	NZ	RO	RU	TH	TW	UA	UK	US	Total	
	AT		2																		1					1					1		5	
	BE			1																1											1		3	
	CH					1	1	1	1		1	1	2								2				1	1	1					3	16	
	CY				1																												1	
	CZ										1																						1	
	DE	1		1			1					1									1		1									1	7	
	DK											1			1		1									1						1	5	
	ES						1	1					2	1							1			1								1	8	
	FI																	1															1	
	FR			1		1	1	1				1		1							1							1				6	14	
	HU															1																	1	
	IE							1										2													1	1	5	
	IL																										1					1	2	
	IT		1															2			1	1											5	
	NL							1					1																				1	4
	NO			2																		1												2
	PL																															1		1
	SE								1																							1		1
	UK			3			3	14				1		2		2		6	1	1	2	3			2			3	1	1	2	6	21	55
Total		1	2	9	1	2	7	20	1	1	5	4	6	1	3	1	11	1	1	7	7	1	2	2	2	2	6	1	1	2	6	21	137	

Annex 4: Erasmus Mundus Joint Doctorates

Erasmus Mundus Joint Doctorates (EMJDs)

These 42 Erasmus Mundus Joint Doctorates will be offering fellowships starting in the academic year 2013-2014. Doctoral candidates should contact the consortium offering the Joint Doctorate for more information on courses and application procedures. Most consortia will require applications to be submitted between November 2013 and January 2014.

Disciplines:

AGR	Agriculture and Veterinary
ENG	Engineering, Manufacture and Construction
HEA	Health and Welfare
HUM	Humanities and Arts
SCI	Science, Mathematics and Computing
SOC	Social Sciences, Business and Law

Discipline	Title	Website
AGR	AgTrain - Agricultural Transformation by Innovation	http://www.agtrain.eu
SCI	ALGANT-DOC - Algebra, Geometry and Number Theory Joint Doctorate	http://www.algant.eu/doctorate.php
SOC	DCGC - Doctoral Programme in Cultural and Global Criminology	http://www.dcgcc.eu
ENG	DocMASE - Joint European Doctoral Programme in Advanced Materials Science and Engineer	http://www.docmase.net
SOC	EDEEM - European Doctorate in Economics Erasmus Mundus	http://erasmusmundus-edem.univ-paris1.fr
ENG, SOC	EDIM - European Doctor in Industrial Management	http://www.kth.se/edim
SOC	EDLE - European Doctorate in Law and Economics	http://www.edle-phd.eu
AGR	EGS-ABG – European Graduate School in Animal Breeding and Genetics	http://www.egsbg.eu
SCI	EMJD-DC - Joint Doctorate in Distributed Computing	http://emjd-dc.eu
SOC	EMJD-GEM - Erasmus Mundus Joint Doctorate on “Globalization, Europe & Multilateralism”	http://www.erasmusmundus-gem.eu
SOC	EMJD-LP - Erasmus Mundus Joint Doctorate Programme in Legal Psychology	http://www.legalpsychology.eu
HEA	ENC Network - European Neuroscience campus network	http://www.enc-network.eu
ENG	ETeCoS3 - Environmental Technologies for Contaminated Solids, Soils and Sediments	http://www.internationaldoctorate.unicas.it
ENG	EUDIME - Erasmus Mundus Doctorate in Membrane Engineering	http://eudime.unical.it
ENG	EUROPHOTONICS - Doctorate Program in Photonics Engineering, Nanophotonics and Biophotonics	http://www.europhotonics.org/wordpress/doctorate
SCI, ENG	EUROSPIN - European Study Programme in Neuroinformatics	http://www.kth.se/en/studies/phd/joint-doctorate/eurospin
SCI	EXTATIC - Extreme-ultraviolet and X-ray Training in Advanced Technologies for Interdisciplinary Cooperation	http://www.extatic.eu/index.php
HEA	FETALMED PhD - Erasmus Mundus Joint Doctorate in Fetal and Perinatal Medicine	http://www.fetalmed-em.eu
AGR	FONASO - Forest and Nature for Society	http://www.fonaso.eu
SCI	FUSION DC- International Doctoral College in Fusion Science and Engineering	http://www.em-fusion-dc.org/index.asp
SCI, ENG, SOC	ICE - Interactive and Cognitive Environments	http://www.icephd.org
HEA	IDEALAB - International Doctorate in Experimental Approaches to Language And Brain	http://em-idealab.com
HUM	IDQP - International doctorate in Quaternary and Prehistory	https://www.sites.google.com/a/unife.it/idqp/
HEA, ENG	IDS-FunMat - International Doctoral School in Functional Materials for Energy, Information Technology, and Health	http://www.IDSFUNMAT.u-bordeaux1.fr
HUM, SOC	INTERZONES - Cultural Studies in Literary Interzones	http://www.mundusphd-interzones.eu
SCI	IRAP PhD - International Relativistic Astrophysics Doctorate Program	http://www.irap-phd.org
SCI	IT4BIDC - Information Technologies for Business Intelligence - Doctoral College	http://it4bi-dc.ulb.ac.be/
SOC	LAST-JD - Joint International Doctoral Degree in Law, Science and Technology	http://www.last-jd.eu

HEA, SCI	MACOMA - Erasmus Mundus PhD in Marine and Coastal Management	http://www2.uca.es/serv/catedra-unesco/erasmusmundus/macoma/index.htm
HEA, SCI	MARES - Doctoral Programme in Marine Ecosystem Health and Conservation	http://www.mares-eu.org
HEA, SCI	MoveAge - Prevention of mobility loss with ageing	http://www.move-age.eu
HEA	NanoFar - European Doctorate in nanomedicine and pharmaceutical innovation	www.erasmusmundus-nanofar.eu
SCI	NeuroTi - NeuroTime: Erasmus Mundus Joint Doctorate "Neural processing of time"	www.neurotime-erasmus.org
SOC	PHOENIX - Phoenix JDP Dynamics of Health and Welfare	http://www.phoenix-jdp.eu/
SCI	SEED - Simulation in Engineering and Entrepreneurship Doctorate	http://www.cimne.com/emjd-seed/
ENG	SELECT+ - Environomical Pathways for Sustainable Energy Services	http://www.exploresselect.eu/
ENG	SETS - Erasmus Mundus Joint Doctorate in Sustainable Energy Technologies and Strategies	http://www.iit.upcomillas.es/sets/
SCI	SINCHEM - Sustainable Industrial Chemistry	http://www.sinchem.eu
HEA, SCI	SMART – Science for Management of Rivers and their Tidal Systems	www.riverscience.eu
ENG	SMDTex - Sustainable Management and Design for Textiles	http://smdtex.ensait.fr
HUM	TEEME - Text and Event in Early Modern Europe	http://www.teemeurope.eu/
HEA	TG - International Doctorate in Transdisciplinary Global Health Solutions	http://www.transglobalhealth.org/

You can find a list of all Erasmus Mundus projects – as well as more information on the programme – on the programme website: http://eacea.ec.europa.eu/erasmus_mundus/index_en.php

Annex 5: Erasmus Mundus Master Courses

Erasmus Mundus Masters Courses (EMMCs)

These 138 Erasmus Mundus Masters Courses will be offering scholarships starting in the academic year 2013-2014.

This list is also available on the Erasmus Mundus website:

http://eacea.ec.europa.eu/erasmus_mundus/index_en.php

Students or scholars should contact the consortium offering the Masters Course for more information on courses and application procedures and dates. Most consortia will require applications to be submitted between November 2013 and January 2014.

Disciplines:

AGR	Agriculture and Veterinary
ENG	Engineering, Manufacture and Construction
HEA	Health and Welfare
HUM	Humanities and Arts
SCI	Science, Mathematics and Computing
SOC	Social Sciences, Business and Law

Discipline	Title	Website
SOC	4CITIES - UNICA Euromaster in Urban Studies	http://www.4cities.eu/
HEA	ADVANCES - MA Advanced Development in Social Work	http://www.socialworkadvances.org/
SOC, AGR, HEA	AFEPA - European Master in Agricultural, Food and Environmental Policy Analysis	http://www.uclouvain.be/afepa
AGR	AGRIS MUNDUS - MSc in Sustainable Development in Agriculture	http://www.agrismundus.eu
SCI	ALGANT - International integrated Master course in Algebra, Geometry and Number Theory	http://www.ALGANT.eu
ENG	AMASE - Joint European Master Programme on Advanced Materials Science and Engineering	http://www.amase-master.net
HEA	ARCHMAT - European Master in ARChaeological MATerials Science	www.erasmusmundus-archmat.uevora.pt
SCI	ASTROMUNDUS - Astrophysics	http://www.astromundus.eu
SCI	ATOSIM - Atomic Scale Modelling of Physical, Chemical and Bio-molecular Systems	http://www.erasmusmundus-atosim.cecim.org/
SCI	bhealth - BioHealth Computing EM	http://biohealth-computing.org/
ENG, HEA	CEMACUBE - Common European Master's course in Biomedical Engineering	www.biomedicaltechnology.eu
SCI	ChIR - Erasmus Mundus Master in Chemical Innovation and Regulation	http://www.emmcchir.org
HUM	CHOREOMUNDUS - International Master in Dance Knowledge, Practice and Heritage	www.choreomundus.org
SOC	CoDe - Joint European Master in Comparative Local Development	http://master-code.uni-corvinus.hu
ENG	CoMEM - Erasmus Mundus MSC Coastal and Marine Engineering and Management	http://www.ntnu.edu/studies/mscomem
ENG, SCI	COSSE - Computer Simulation For Science and engineering	http://www.kth.se/COSSE
SCI, ENG	CSSM - Complex Systems Science	www.warwick.ac.uk/go/emmcs
HUM	CWCN - Crossways in Cultural Narratives	http://www.munduscrossways.eu
SCI	DESEM - Erasmus Mundus MSc in Dependable Software Systems	http://www.cs.nuim.ie/courses/desem/
SCI, ENG	DMKM - Data Mining & Knowledge Management	http://www.em-dmkm.eu
ENG, HEA	ECOHYD - Erasmus Mundus Master of Science in Ecohydrology	http://www.ecohyd.org
HEA	EDAMUS - Sustainable Management of Food Quality	http://www.master-edamus.eu
SOC	EM HRPP - Erasmus Mundus Masters in Human Rights Policy and Practice	http://ws1.roehampton.ac.uk
SOC	EM SIE - Erasmus Mundus Masters in Special and Inclusive Education	http://www.roehampton.ac.uk
SCI, ENG	EM3E - Erasmus Mundus Master in Membrane Engineering	http://em3e.eu/
HUM, SOC, HEA	EMCL - European Masters in Clinical Linguistics	http://www.emcl-mundus.com
SCI	EMCL - European Master's Program in Computational Logic	http://www.emcl-study.eu/
SCI	EMDC - European Master in Distributed Computing	www.kth.se/emdc
HEA	EMECC NURSING - Emergency and Critical Care Nursing	http://www.masternursing.uniovi.es

SCI	EMECS - European Master Embedded Computing Systems	http://mundus.eit.uni-kl.de
ENG	EMERALD - Master Course in Georesources Engineering	http://em-georesources.eu
AGR, HEA	EMFOL - Food of Life	http://www.emfoodoflife.eu/
SOC	EMGS - Global Studies - A European Perspective	http://gesi.sozphil.uni-leipzig.de/
SOC, ENG	EMIN - Erasmus Mundus Joint Master in Economics and Management of Network Industries	http://www.upcomillas.es/emin/
SOC	EMLE - European Master in Law and Economics	www.emle.org
SOC, HEA	EMMAPA - Erasmus Mundus Master in Adapted Physical Activity	www.erasmusmundus.be
ENG	EMMCMS - Erasmus Mundus Master Course on Maritime Spatial Planning	http://www.iuav.it/
SOC	EMMIR - European Master in Migration and Intercultural Relations	http://www.emmir.org
ENG, SCI	EMM-Nano - Erasmus Mundus Master in Nanoscience and Nanotechnology	http://www.emm-nano.org
HEA	EMPHID - Public Health in Disasters	http://www.pubhealthdisasters.eu
SCI	EMQAL - Erasmus Mundus Master in Quality in Analytical Laboratories	http://www.emqal.org
AGR	EM-SANF - Erasmus Mundus Master Course Sustainable Animal Nutrition and Feeding	http://www.emsanf.eu/UK/
SOC	EMSD - European Master programme in Systems Dynamics	www.europeansystemdynamics.eu
SOC, HEA	EMSEP - European Masters in Sport and Exercise Psychology	www.jyu.fi/emsep
ENG	EMSHIP - European Education in Advanced Ship Design	www.emship.eu www.anast.ulg.ac.be/EMSHIP
SOC	EMTM - European Master in Tourism Management	www.emtmaster.net
SOC	EPOG - Master's Course - Economic Policies in the age of Globalisation : knowledge, finance and development	http://www.epog.eu
SCI	EUCOMOR - European Master in Comparative Morphology	http://www.eucomor.net/
SCI, ENG	EUROAQUAE - Euro Hydroinformatics and Water Management	www.euroaquae.org
HUM, SOC	EUROCULTURE - Europe in the Wider World	http://www.euroculturemaster.org
HUM, SOC	EUROMIME - Master européen en Ingénierie des Médias pour l'Education	http://www.euromime.org
HUM	EUROPHILOSOPHIE - Philosophies allemande et française dans l'espace européen	www.europhilosophie.eu/mundus
SCI, ENG	EUROPHOTONICS - Master in Photonics Engineering, Nanophotonics and Biophotonics	www.europhotonics.org
HEA	EUROPUBHEALTH - European Public Health Master	http://www.europubhealth.org/
SCI, ENG, HEA	euSYSBIO - erasmus Mundus Master's Course in euSYSBIO Systems Biology	www.kth.se/eusysbio
ENG	EWEM - European Wind Energy Master	www.windenergymaster.eu
ENG	FAME - Functionalised Advanced Materials and Engineering	http://www.fame-master.com
ENG	FIPDes - Food Innovation and Product Design	http://www.fipdes.eu
SCI, ENG	FloodR - Flood Risk Management (FloodRisk)	http://www.unesco-ihp.org/floodriskmaster
AGR, HEA	Food ID - European Master Food Identity	www.masterfoodidentity.com
SCI, ENG	FUSION-EP - European Master in Nuclear Fusion Science and Engineering Physics	www.em-master-fusion.org
ENG, SCI	GEM - Master of Science course in Geo-Information Science and Earth Observation for Environmental Modelling and Management	www.gem-msc.org
SOC	GEMMA - Master's Degree in Women's and Gender Studies	http://www.ugr.es/~gemma/
HEA	GEOTECH - Master of Science in Geospatial Technologies	http://mastergeotech.info/
HUM	GLITEMA - German Literature in the European Middle Ages	http://glitema.up.pt
SCI, ENG	IMACS - International Master in Advanced Clay Science	www.master-imacs.org
SCI	IMAE - International Master in Applied Ecology	http://www.emmc-imaec.org/
SOC	IMEC - International Master in Early Childhood Education and Care	www.hioa.no/imec
ENG	IMETE - International Master of Science in Environmental Technology and Engineering	www.imete.ugent.be
ENG, SCI	IMFSE - International Master of Science in Fire Safety Engineering	www.imfse.ugent.be
SOC	IMIM - International Master in Industrial Management	http://www.imim.polimi.it/
HUM, SCI	IMQP - International Master in Quaternary and Prehistory Master International en Quaternaire et Préhistoire	http://sites.google.com/a/unife.it/quaternary-prehistory/
SOC	IMRCEES - International Masters in Russian, Central and East European Studies	http://www.gla.ac.uk/erasmusmundus/imrcees
AGR, HEA, SOC	IMRD - International Master of Science in Rural Development	http://www.imrd.ugent.be
SCI, SOC	IMSE - International Master in Service Engineering	http://www.erasmusmundus-imse.eu/
SCI, ENG	IT4BI - Information Technologies for Business Intelligence	http://it4bi.univ-tours.fr/
SOC, ENG, HEA	JEMES - Joint European Master Programme in Environmental Studies	http://www.jemes-cisu.eu/
HUM	LCT - European Masters Program in Language and Communication Technologies	http://lct-master.org/

ENG, SCI	M.E.S.C. - Master in Materials for Energy Storage and Conversion	http://www.u-picardie.fr/mundus_MESC/
SOC	MA LLL - European Masters in Lifelong Learning: Policy and Management	www.lifelonglearningmasters.org
ENG	MAMASELF - Master in material science exploring European large scale facilities	www.mamasef.eu
ENG	MAPNET - Masters on Photonic Networks engineering	http://mapnet.sssup.it
SOC	MARIHE - Research and Innovation in Higher Education	http://www.marihe.eu/
SCI	MathMods - Mathematical Modelling in Engineering: Theory, Numerics, Applications	http://www.mathmods.eu/
SCI, HEA	MBIO - Erasmus Mundus Master of Bioethics	http://www.masterbioethics.org/
SCI	MCM - Master of Science in Computational Mechanics	http://www.cimne.com/cm-master/
SCI	ME3 - European Joint Masters in Management and Engineering of Environment and Energy	http://www.emn.fr/z-de/me3-site/
SOC	MEDEG - Economic Development and Growth	www.uc3m.es/medeg
AGR	MEDFOR - Mediterranean Forestry and Natural Resources Management	http://www.medfor.eu
ENG, SCI	MEEES - Masters in Earthquake Engineering and Engineering Seismology	www.meees.org
SOC	MEGEI - MA Economics of Globalisation and European Integration	http://www.ua.ac.be/egei
SCI	MEME - Erasmus Mundus Master Programme in Evolutionary Biology	http://www.evobio.eu/
SCI	MEREMMC - EUROPEAN MSc in MARINE ENVIRONMENT AND RESOURCES	http://www.merconsortium.eu/
ENG	MERIT - Master of Science in Research on Information and Communication Technologies	http://www.meritmaster.org/
ENG, SOC, HEA	MESPOM - Master of Science in Environmental Sciences, Policy and Management	www.mespom.eu
HEA	MFAMILY - European Master in Social Work with Families and Children	http://www.mfamily.eu
SCI, SOC	MFSc - Master in Forensic Science	www.lincoln.ac.uk/forensic-erasmusmundus
ENG, SOC	MIND - Erasmus Mundus Master's programme in Industrial Ecology	http://www.emmind.eu
SOC	MISOCO - Joint European Master in International Migration and Social Cohesion	http://www.misoco.org
SOC	MITRA - Médiation interculturelle : identités, mobilités, conflits	http://mitra.ifres.info/
SCI	MONABIPHOT - Molecular Nano- and Biophotonics	http://www.monabiphot.ens-cachan.fr
AGR, HEA	MScEF - Master of Science in European Forestry	http://www.europeanforestry.net
SOC	MSPME - Masters in Strategic Project Management (European)	http://www.mspme.org/
HUM, SOC	MULTIELE - Multiculturalism: Master degree in Learning and Teaching of Spanish in Multilingual and International Contexts	http://multiele.org/
SOC	MUNDUS JOURNALISM - Erasmus Mundus Masters Journalism, Media and Globalisation	http://www.MundusJournalism.com
SOC	MUNDUS MAPP - Erasmus Mundus Master's in Public Policy	http://www.mundusmapp.org
ENG	MUNDUS URBANO - Master of Science in International Cooperation and Urban Development	http://www.mundus-urbano.eu/
HEA	NEURASMUS - A European Master in Neuroscience: Advanced Courses and Research Training	http://www.neurasmus.u-bordeaux2.fr/
SOC	NOHA Mundus - Joint Master's Degree Program in International Humanitarian Action	http://www.nohanet.org/
HUM, SOC	NOMADS EMMC - exploring without borders-documentary filmdirecting	www.docnomads.eu
SCI	NORDSECMOB - Master's programme in Security and Mobile Computing	http://nordsecmob.tkk.fi/
SCI	PERCCOM - PERvasive Computing & COMMunications for sustainable development	http://www.perccom.eu
SOC, ENG	PLANET Europe - Joint Masters Programme on European Spatial Planning, Environmental Policies and Regional Development	http://www.planet-europe.eu
SCI	QEM - Models and Methods of Quantitative Economics	http://erasmusmundus-qem.univ-paris1.fr/
ENG	SAMHC - Advanced Masters in Structural Analysis of Monuments and Historical Constructions	http://www.msc-sahc.org/
AGR, HEA	SEFOTECH nut - European MSc in food science, technology and nutrition	http://www.sefotechnut.org/
ENG	SELECT - Environmental Pathways for Sustainable Energy Systems	www.kth.se/select
SCI	SERP-Chem - International Master in Surface, Electro, Radiation, Photo - Chemistry	http://www.serp-chem.eu/
SCI	SPACEMASTER - EMMC in Space Science and Technology	www.spacemaster.eu
SCI	SSI - Joint International Master in Smart Systems Integration	http://ssi-master.eu
SOC	STeDe - Erasmus Mundus Master in Sustainable Territorial Development	http://www.em-stede.eu
ENG	STEPS - Erasmus Mundus Master Course in Sustainable Transportation and Electrical Power Systems	http://emmcsteps.uniovi.es
AGR	SUFONAMA - Sustainable Forest and Nature Management	http://www.sufonama.eu

SCI	SUSCOS - Sustainable Constructions under Natural Hazards and Catastrophic Events	http://steel.fsv.cvut.cz/suscos
AGR	SUTROFOR - Erasmus Mundus Masters Course in Sustainable Tropical Forestry	http://www.sutrofor.eu/
SCI	TCCM - Euromaster on Theoretical Chemistry and Computational Modelling	http://www.emtccm.org
SOC	TEMA - Territoires européens (civilisation, nation, région, ville): identité et développement	http://www.mastertema.eu/
SOC	TEOS - Transcultural European Outdoor Studies	www.erasmusmundus-TEOS.eu
ENG	THRUST - Erasmus Mundus Master's Course in Turbomachinery Aeromechanics University Training	www.kth.se/thrust
HEA	TPTI - Techniques, Patrimoine, Territoires de l'Industrie	http://www.tpti.eu/
ENG	TRIBOS - Joint European master in tribology of surfaces and interfaces	http://www.master-tribos.eu
HEA	tropEd - European Master in International Health	http://www.em-troped.u-bordeaux2.fr
SCI	TROPIMUNDO - Erasmus Mundus Masters Course in Tropical Biodiversity and Ecosystems	http://www.tropimundo.eu
SCI, ENG	VIBOT - Erasmus Mundus Masters in Vision and Robotics	http://www.vibot.org
AGR	VINIFERA EuroMaster - European Master of Science of Viticulture and Enology	http://vinifera-euromaster.eu
AGR	VINTAGE - Master International Vintage, Vine, Wine and Terroir management	http://www.vintagemaster.com
SCI	WACOMA - Erasmus Mundus Master in Water and Coastal Management	http://www2.uca.es/serv/catedra-unesco/erasmusmundus/wacoma/index.htm
SOC	WOP-P - Master in Work, Organizational and Personnel Psychology	http://www.uv.es/erasmuswop/

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