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FP7: PEOPLE – Marie Curie Actions IDEAS – ERC

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Division for European and International
Programmes (EIP)

**NORDP 4th Annual Research Development Conference
Transnational Mobility Without Borders
May 22, 2012**



FP7 – 7th EU Framework Programme for Research, Technological Development & Demonstration:



50.000.000.000 Euro in 7 years (2007-2013) for...

- Largest, international, cooperative, competitive R&D Programme
- Central instrument in the development of the European Research Area

Strategic Objectives at Political Level

- Promotion of excellence in research and technology
- Strengthening of companies' competitiveness
- European Research Area

FP7 at a glance



Cooperation

1. Health
2. Food, Agriculture and Fisheries, and Biotechnology
3. Information Communication Technologies
4. Nanosciences + Nanotechnologies, Materials + new Production Technologies
5. Energy
6. Environment (incl. climate change)
7. Transport (incl. Aeronautics)
8. Socio-economic sciences + the Humanities
9. Space
10. Security

Ideas - Frontier Research:

- Single Teams
- Excellence as Criteria
- Implemented by the European Research Council (ERC)

People

Mobility and Career Development of Researchers

Capacities

- Research Infrastructure
- Research for the benefit of SMEs
- Regions of Knowledge
- Research Potential
- Science in Society
- Coherent development of research policies
- International cooperation

PEOPLE – Marie Curie Actions



Overall Objectives

- To raise the number of high qualified researchers in the European Research Area
- Transfer of knowledge



- **Marie Curie Actions** to support
- Training
 - Career development
 - Transnational and transsectoral mobility



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Marie Curie Actions

Individual Driven Actions

For single Researchers in Cooperation
with a Host Organization

- 1) Intra-European Fellowships (IEF) *
- 2) International Incoming Fellowships (IIF)
- 3) International Outgoing Fellowships (IOF)
- 4) Career Integration Grants (CIG)

Host Driven Actions For Research Organizations

- 1) International Research Staff Exchange Scheme (IRSES)
- 2) Industry-Academia Partnerships and Pathways (IAPP)
- 3) Initial Training Networks (ITN)
- 4) Researchers' Night (NIGHT) *
- 5) Co-funding of Fellowship Programmes (COFUND) *

* Not relevant to US researchers/organizations

IIF – International Incoming Fellowships



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USA → Europe



IIF – International Incoming Fellowships



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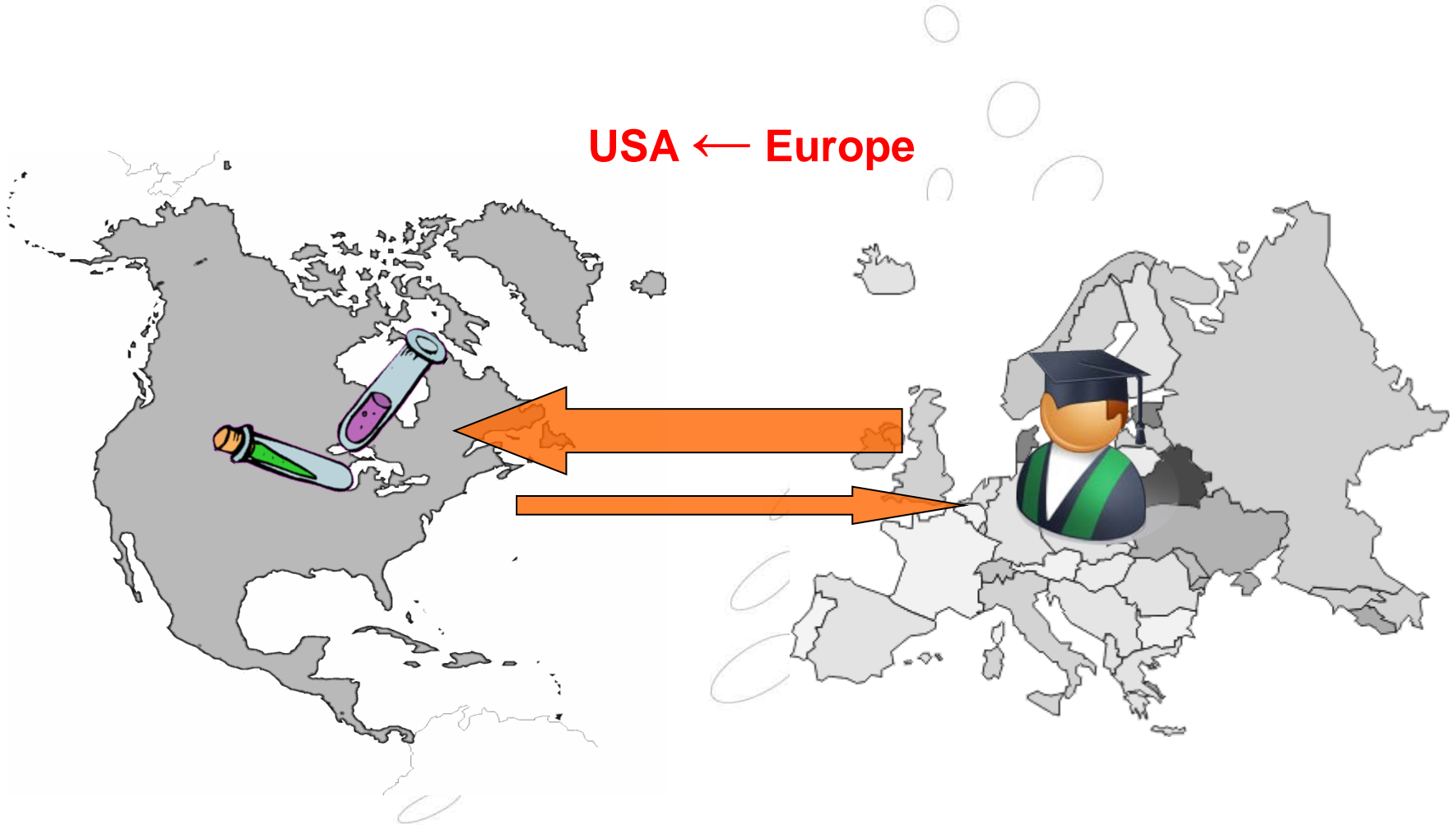
- An **Experienced Researcher** moving from the **USA** to a host organization in **Europe** for 1-2 years
- The researcher can be of **any nationality**
- Objective: to conduct a **research project** and to **share his/her expertise** with the host organization and the European research community

IOF – International Outgoing Fellowships



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USA ← Europe



IOF – International Outgoing Fellowships



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- An **Experienced Researcher** moving from **Europe** to a host organization in the **USA** for 1-2 years, followed by a **compulsory return phase** (1 year) back to Europe!
- The researcher must be a **national of an EU- or associated country** or must have been residing/working in **Europe for at least 5 years**
- Objective: **research, training and knowledge transfer** between the countries/organizations

General rules for IIF and IOF



- **The fellow must**
 - be an “**Experienced Researcher**”: PhD or at least 4 years (full time) research experience
 - comply with the **rule for mobility**: must not have resided or carried out the main activity in the country of the host organization for more than 12 months in the last 3 years prior to the call deadline
- **The host organization and the scientist in charge** must be **known** at the time for the application and have to be **described** in the proposal

Funding in IIF and IOF



Living allowance ^{1, 2}	EUR / Year
Experienced Researcher ² (4-10 years exp.)	58.500
Experienced Researcher ² (>10 years exp.)	87.500
Mobility allowance ^{1, 2}	700 or 1.000 €/ month depending on the family status
Contribution to training/research/transfer of knowledge expenses	800 €/ month
Overheads¹	700 €/ month

¹ ± Correction coefficients for the host country

→ e.g. +6,2% for Austria in the PEOPLE Work programme 2012

→ e.g. +1,3% for USA in 2012 PEOPLE Work programme 2012

² Including all compulsory (employee and employer) deductions under national legislation

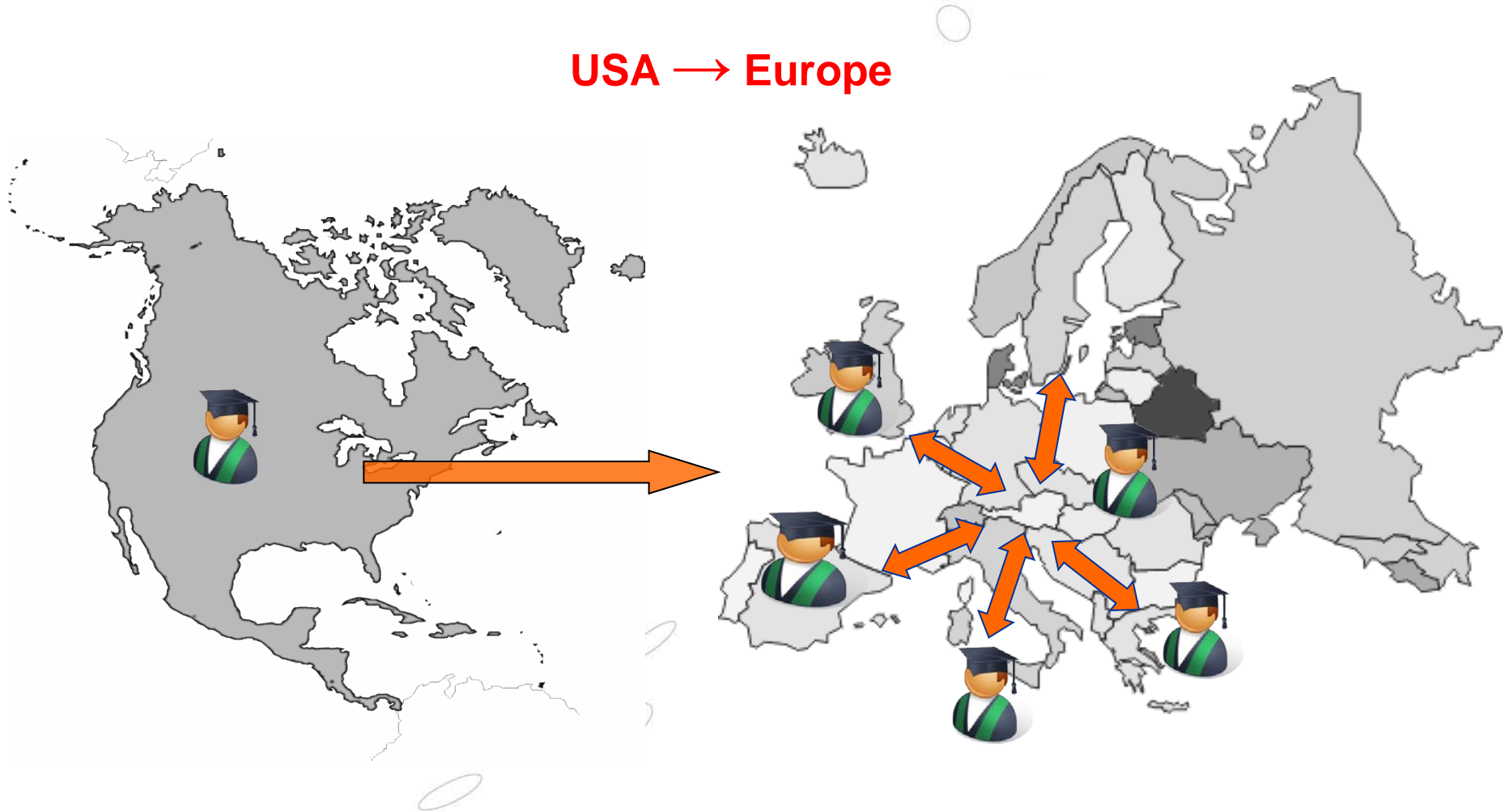
The Grant Agreement is always signed between the European Commission and the European Host organization. In an IOF, a Partnership Agreement between the European and the American organization has to be concluded, defining the distribution of the funding and other important issues.

CIG – Career Integration Grants



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USA → Europe

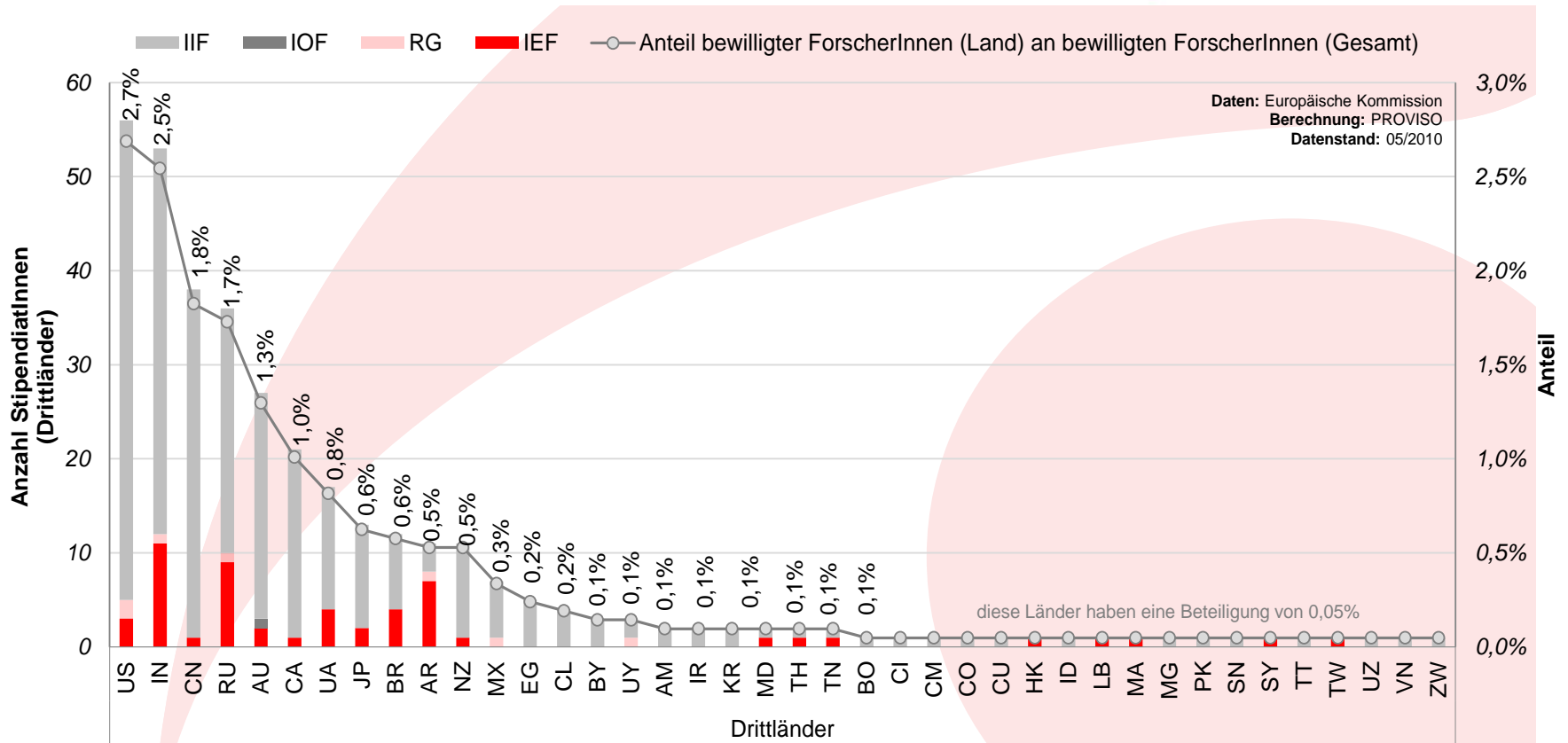


CIG - Career Integration Grants



- An **Experienced Researcher** moving from the **USA** to a host organization in **Europe** for at least 2-4 years
- The researcher can be of **any nationality**
- Objective:
 - to conduct **research** and to **establish a long term research career in Europe**
 - **knowledge transfer** from the previous country/organization to the new country/host
- **Funding: 25.000 € / year**

Individual Fellowships (IIF, IOF, CIG (RG) and IEF) – Participation of researchers from third countries



348 (16,7%) out of 2.083 researchers funded by a Marie Curie Individual Fellowship are from third countries. Most of them are coming from the USA (2,7%), India (2,5%), Canada (1,8%) and Russia (1,7%).

International Research Staff Exchange Scheme (IRSES)



- **Aim: to establish or strengthen long term research cooperation between Europe and USA**
- Two public research organizations in **two** different **European** countries + **at least one** public research organization in the **USA**
- **Short term exchange of** research (and technical) **staff** (max. 12 months secondments) for 2-4 years
- **Funding:** researcher seconded from Europe to USA will be funded. Costs of researchers from the USA should be covered by other funding, though exceptions can be made
- Mutual benefits: exchange of experience and knowledge
- **Enterprises are not eligible for this Marie Curie Action!**

IAPP – Industry-Academia Partnership and Pathways



- Research **cooperation between industry and academia** within the framework of a common research project (up to 4 years)
- A **US organization can join a consortium of** at least two **European partners** (one from each sector) placed in two different European countries
- **Inter-sector two-way** (transnational) **secondments of** research (and technical) **staff** for a duration of 2 months – 2 years
- **Researchers from USA hosted by European organizations will be funded.** Staff seconded from Europe to USA will have to be covered by other funding

ITN – Initial Training Networks



- International networks for **training of Early Stage Researchers from all over the world** within the framework of a common research project (up to 4 years)
- A **US organization can join a consortium of at least three European partners** placed in three different European countries
- The network shall offer a **common training concept**
 - Training through research
 - Possibility to do a PhD (optional)
 - Training in complementary skills
- **Secondments of the recruited Early Stage Researchers to other project partner organizations**
- **Researchers from the USA recruited by European organizations will be funded.** Researchers recruited by US-organizations must be covered by other funding.
- **Participation of the industrial sector is essential!**

I just got my master's degree – how can I as individual participate?



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→ Apply for a research position in a running Marie Curie Initial Training Network (ITN)

EURAXESS Job Portal

<http://ec.europa.eu/euraxess/jobs>

- Recruitment for **3 months - 3 years**
- Mostly the possibility to obtain a **PhD**
- **Employment** at a host organization, with short **secondments** to other project partners

ERC - IDEAS



The ERC IDEAS logo features a hand in a white sleeve reaching down to touch the letter 'A' in the word 'IDEA'. Below 'IDEA' is the word 'IDEAS' in a larger, blue, 3D font. At the bottom, it says 'TOMORROW'S FUTURE STARTS TODAY' and 'http://erc.europa.eu' with the ERC logo. On the left, a vertical orange bar contains the text 'The European Research Council' and the European Union flag.

- Stimulation of investigator-driven frontier research **of highest quality** across all scientific fields, on the basis of excellence

- Bottom up



- ERC Starting Grants
- ERC Consolidator Grants
- ERC Advanced Grants

ERC: The idea behind “IDEAS”



- **Mission:** Competitive funding of investigator-initiated **frontier research of highest quality**, across all fields of science **in Europe** (EU-27 and FP7-associated countries)
- Sole funding criterion: **scientific excellence**
- Main funding schemes: **Starting Grant, Consolidator Grant and Advanced Grant**
- Target groups: **excellent researchers from all over the world**
 - *Starters or Consolidators:* Principal investigators (PI) setting up their first teams or consolidating them / their activities (“next generation”)
 - *Advanced:* PIs that are established leaders in their field
- Budget: **€7,5 bn 2007-2013**

Starting, Consolidator, Advanced Grant: Profile of competitive candidates



- **Starter:** PhD awarded 2 – 7 years before the opening of the ERC Starting Grant Call
- **Consolidator:** PhD awarded >7 - 12 years before the opening of the Call
- **Advanced:** No specific requirement, but intense competition
- **Starter/Consolidator:**
 - must have already shown the potential for research independence and evidence of maturity. E.g. at least one (starter) /several (consolidator) **important publication(s) without the participation of the PhD supervisor.**
 - promising **track-record of early achievements**, including **significant publications** (as main author) in major international peer-reviewed multidisciplinary scientific journals, or in the leading international peer-reviewed journals of their respective field; **invited presentations** in well-established international conferences, granted patents, awards, prizes etc.
- **Advanced:** 10 years track record

Further Information



FP7

<http://ec.europa.eu/research/fp7>

Calls & documents

http://ec.europa.eu/research/participants/portal/page/fp7_calls

PEOPLE - Marie Curie Actions

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

IDEAS - ERC

<http://erc.europa.eu>

And if you need assistance...

→ **National Contact Points** in all European countries

http://cordis.europa.eu/fp7/ncp_en.html

„Ideas“ and „Mobility“ (for PEOPLE)

In Austria: http://rp7.ffg.at/menschen_kontakt

