

FP7 IDEAS AND MOBILITY OPPORTUNITIES



Structure of FP7

Four Specific Programmes

- ***Cooperation:*** Collaborative research, research networks, coordination research programmes and support actions
- ***Ideas: Frontier research, researcher driven***
- ***People: Human capital: training & mobility***
- ***Capacities:*** Research infrastructures, SMEs, Science and Society and Horizontal international cooperation actions

Ideas programme

- Implemented by the European Research Council Agency (ERC)
- Would like to see more SA participation
- Frontier research and aims to attract top researchers (EU and non-EU) in European institutions of grantees choice and with a team of own choice
- Can get funding for 5 years
- Four types of support as follows:



Ideas Grant Schemes

Starting Grants

Starters (2-7 yrs after PhD)

Consolidators (7-12 yrs after PhD) up to € 2.0 Million for 5 yrs

Advanced Grants

Track record of significant research achievements in the last 10 yrs

Up to € 3.5 Million for 5 yrs

Synergy Grants

2-4 Principal investigators
Up to € 15.0 Million for 6 yrs

Proof-of-concept

Bridging the gap between research
and earliest stage of marketable
innovation up to € 150, 000 for ERC
grant holders

Benefits for non European researchers in Ideas

- Additional “start-up” funding for scientists moving to Europe (EUR 500 000 for Starting and EUR 1 Million for Advanced grantees)
- The Grantee can keep affiliation with home institute outside Europe
- “significant part” of work time in Europe and home team members can be based outside Europe
- Grantee can move within European institution with the grant

CURRENT OPPORTUNITIES



ESASTAP

european - south african science and technology
advancement programme

OVERALL SCOPE OF MCAs

- Human resource development in R&D in Europe
- Numerous, well-trained, motivated researchers
- Attract students to SET careers
- Skills and sustainable career development
- Continuity of previous Framework programme
- Calls for proposals, bottom up approach
- Must have European partners in the programmes

MCA EVALUATION CRITERIA

- **Quality of exchange programme (25%)**
 - Objective and relevance of the joint exchange programme
 - Scientific quality of the partners
 - Complementarities/synergies between the partners
- **Transfer of knowledge (30%)**
 - Quality and mutual benefit of the transfer of knowledge
 - Adequacy and role of staff exchanged with respect to the transfer of knowledge

MCA EVALUATION CRITERIA....

- **Implementation (15%)**

- Capacities (expertise/human resources/facilities/infrastructure) to achieve the objectives of the planned cooperation
- Appropriateness of the plans for the overall management of the exchange programme

- **Impact (30%)**

- Relevance of the proposed partnership to the area of collaboration and for the ERA
- Potential to develop lasting collaboration with eligible Third country partners

>3 points each and total ≥ 13

OVERVIEW OF MCA

Host Actions

- Aimed at building institutional capacity
- Open for researchers, management and technical staff

Individual Actions

- Aimed at building individual capacity
- Open for experienced researchers

INTERNATIONAL RESEARCH STAFF EXCHANGE SCHEME (IRSES)

- Exchange of researchers, technical and management staff between countries that has or are in the process of establishing the S&T agreements with the EU

Countries with EC agreements on S&T: Argentina*, Australia, Brazil*, Canada, China*, Chile*, Egypt*, India*, Japan, South Korea, Mexico*, Morocco*, New Zealand, Russia*, South Africa*, Tunisia*, Ukraine*, United States

Countries of the European Neighbourhood Policy (ENP):

- Eastern Europe & Central Asia (EECA) *Armenia**, *Azerbaijan**, *Belarus**, *Georgia**, *Moldova**, *Ukraine**
 - Mediterranean Partner Countries (MCP) *Algeria**, *Egypt**, *Jordan**, *Lebanon**, *Libya**, *Morocco**, *Palestinian-administrated areas**, *Syrian Arab Rep*.*, *Tunisia*
- Balanced exchanges principle (each country pay for their researcher's participation), but EU funding is available for the ICPC countries

IRSES....

- Partnership to be composed of at least 2 independent "research organisations" established in at least 2 different MS or AC, and one or more non-EU research organisations
- 2-3 yrs programmes with short term exchanges of more than 1 person in an institution (max 12 months) and stay can be split into several periods
- Evaluation results: to be available within 4 months after the relevant deadline for submission
- Grant agreement signature: within 9 months after the relevant deadline for submission



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IRSES....

- EU provide 1900€/person/month as lump sum
- DST will provide funding (total max of 3000€/p/m) support for successful SA participants
- Seconded researchers should maintain their salary at home institution and return

INITIAL TRAINING NETWORKS (ITN)

- To strengthen and structure Early Stage (first 5yrs of career)
- Must have industry participation and a letter of commitment is required from industry partners
- Joined research training programmes (up to 4 years) in the form of either:
 - multi-partner ITNs: At least 3 participants in at least 3 different MS or AC;
 - European Industrial Doctorates (EID): One academic institution and one participant from the private sector, established in 2 different MS or AC; or
 - Innovative Doctoral Programmes (IDP): Sole participant with a network of associated partners. The sole participant shall be established in a MS or AC

ITN

- Also cover short training events (also open to researchers from outside the network) and training and networking activities
- Evaluation results: to be available within 4 months after the relevant deadline for submission
- Grant agreement signature: within 9 months after the relevant deadline for submission

INDUSTRY ACADEMIA PATHWAYS AND PARTNERHSIPS (IAPP)

- To encourage knowledge sharing, cultural exchange, technical expertise and sustainable cooperation between industry and academia (in particular SMEs)
- Research staff and technical & managerial staff of all levels of experience
- Joint research projects or programmes addressing real or perceived barriers which inhibit movement of research between public and private sectors
- Longer-term (4yrs full cost) co-operation between sectors ≥ 1 university/research centre + ≥ 1 private sector; ≥ 2 different Member States/Associated

INTERNATIONAL INCOMING AND OUTGOING FELLOWSHIP

- To reinforce the scientific excellence of the Member States (MS) and the Associated Countries (AC) through knowledge sharing with incoming researchers from Third Countries (TC); Aimed at experienced researchers
- Fellows work full time on the project
- Can't replace a fellow who withdraw in the middle of the project
- Project duration: 12 up to 36 months
- Salary plus contribution to research related costs

Thank you!

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