An Introduction to Framework 7

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FRAMEWORK 7 – Four Pillars

Co-operation – Collaborative Research

Ideas – Frontier Research

People – Human Potential

Capacities – Research Capacity
## Activities within each Pillar

| CO-OPERATION                                   | Aims to build research collaborations across Europe & beyond  
|                                                | Top-down, priority driven research in 10 themes              | 3 partners 3 countries minimum. 3-5 year projects |
| CAPACITIES                                     | Research Infrastructures, Research for SMEs, Regions of Knowledge, Research Potential, Science in Society, International Co-operation | Collaboration needed |
| PEOPLE (Marie Curie)                           | Aims to support training, careers development and knowledge transfer  
|                                                | Individual Fellowships & Reintegration Grants  
|                                                | Initial Training Networks  
|                                                | International Research Staff Exchange Scheme… | Mobility Requirement |
| IDEAS European Research Council (Ideas)        | Aims to support the best researchers and best research ideas in Europe  
|                                                | - Bottom-up, frontier research  
|                                                | - Starting and Advanced Grants | No collaboration 5 year projects |
Co-operation – Collaborative Research

THEMATICAL PRIORITY AREAS

- 1 – Health
- 2 – Food Agriculture & Biotechnology (FAB)
- 3 – Information Communication Technologies (ICT)
- 4 – Nanotechnology, Materials, Production (NMP)
- 5 – Energy
- 6 – Environment (Including Climate Change)
- 7 – Transport (Including Aerospace)
- 8 – Socio-Economic Sciences & Humanities (SSH)
- 9 – Security
- 10 – Space
Funding Schemes

- **Collaborative Projects**
  
  **Large Scale Integrating Projects**
  - Up to 5 years
  - Consortium at least 10 partners
  - Budgets €4m to €25m +
  - Includes training programme

  **Small Medium Scale Projects**
  - Up to 3 years
  - Consortium 4 – 10 partners
  - Budgets up to €3.5m

- **Networks of Excellence (NOE)**
  - Up to 5 years
  - Integrating activities in a given field in the framework of longer term co-operation
  - Not a research programme – includes training
  - Consortium at least 15 partners
  - Budgets up to €20m

- **All projects may benefit from 3rd country expertise**
Co-ordination Actions/Specific Support Actions
- Support to activities aimed at coordinating or supporting research
- Networking, exchanges, studies, conferences, etc
- These actions may also be implemented by means other than calls for proposals

JTI (Joint Technology Initiatives)
- EU/Industry funded programmes in Innovative Medicine (IMI); Fuel Cells & Hydrogen (FCH); Aeronautics (Clean Sky); Embedded Computer Systems (ARTEMIS); & Nanoelectronics Technologies (ENIAC)

Co-ordination of National schemes (ERA-NET)
- EU financial support for opening up and co-ordination of national & regional funding programmes in key areas

International Co-operation
- Country-specific actions
- Aimed at the world’s poorest countries & regions
IDEAS Programme – ERC

Promotes excellence regardless of geography

Investigator-driven frontier research

- The investigator chooses the research topic and assembles the research group to best meet the requirements of the research
- Individual teams may consist of any grouping of researchers appropriate for the project (i.e. members may be drawn from one or several legal entities, from within or across national boundaries, including third countries)
- All areas of S&T supported (3 domains)

- Two forms of grant (both up to 5 years)
  - Starting Grant 2-12 years post PhD (up to €1.5meuro)
  - Advanced Investigator (up to 2.5meuro)
  - Can apply from anywhere in the world, but research must be carried out in EU
  - One call per year per scheme
# PEOPLE – Marie Curie Programme

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| **International Research Staff Exchange Scheme (IRSES)**                     | **Incoming International Fellowship (IIF)** |
| ➢ 24-48 months                                                               | ➢ 24 months                           |
| ➢ Min: 2 EU + 1 3rd country                                                  | ➢ 3rd country to EU host              |
| ➢ Stays of 1-12 months                                                       | ➢ No return phase                     |
| ➢ Joint research; training; workshops; networking                           | ➢ €56,400 living allowance            |
| ➢ €1900 per month                                                            | ➢ €500 pcm mobility                   |
| ➢ No funding for 3rd country                                                 | ➢ €800 pcm research costs             |
| ➢ Deadline March 2011                                                        |                                     |
Participation – Good and bad news

3rd country participation is eligible where:

- Directly foreseen by the work programme
  - Marie Curie; INCO; Co-operation
- Can be justified in research terms
  - Where specific country needs are a priority
  - Where expertise, experience are not found in EU
  - Where infrastructure complements EU
  - Where experience can influence policy

Participation will only be funded by the EU when it can be fully justified as necessary for the project.

If you can pay – you can play!
IRSES Programme: FP7-People

- Call title: Marie Curie International Research Staff Exchange Scheme (IRSES)
- Call identifier: FP7-PEOPLE-2011-IRSES
- Deadline: 17 March 2011 at 17h
- Proposal selection date: July/August 2011
- Indicative total call funding: € 30 million

- **Objective** - strengthening research partnerships through staff exchanges and networking activities between EU & 3rd Countries At least two EU partners and one or more organisation(s) from third countries

- All partners involved in a joint exchange programme are expected to temporarily “second” their staff and/or host researchers from the other partners
targets early stage researchers (up to 4 years of research experience) and experienced researchers (PhD or > 4 years of research experience), but technical and managerial staff can, if justified, be eligible.

- Maximum stay of 12 months. Short stays (less than one month) must be justified.
- Exchange between the European partners and/or between AC partners can be part of the project but is not eligible for funding.
- Joint research, training activities or joint workshops and seminars, as well as other networking activities.
- Exchanges should be roughly in balance (in terms of person months) between the various participant organisations of the project.
- A staff exchange programme can apply for 24-48 months of support.
- Average project 3-5 partners. In the 2009 call a project with 3 partners exchanged a total of 50 – 100 person-months.
Marie Curie Individual Fellowships

Common Principles

- €56,400 per year living allowance
- €500 per month mobility allowance
- €500-€800 per month research costs
- €700 per month overhead & management
- Fellow identifies host and proposes research project
- Host provides institutional information & CV
- Host signs agreement for training of Fellow
- Any area of science or scholarship
- Annual call for proposals

OIF

- 36 months – 12 months return phase

IIF

- 24 months in Europe

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Marie Curie – Benefits & Actions

OIF
- First class post doc joins your team
- Excellent funding for the Fellow plus research costs and overhead/management for UTS
- Prestigious EU award
- Potential for strengthening EU collaboration

IIF
- Amazing opportunity to work in the EU for 2 years
- Excellent funding for Fellow
- Prestigious addition to CV
- Strong EU partnership established

ACTIONS
- Identify potential Fellows to come to RMIT – use existing contacts – and invite!
- Identify potential Fellows to go to Europe and use contacts to find Host
RCUK International Opportunities

- partnership links between research institutions, building on existing links between research groups and extending networks, and encouraging researchers from overseas to undertake research in the UK as well as UK researchers to spend time abroad.
- **Stage 1** - First Links - funds to cover the travel and subsistence for short term visits usually from the UK to another country.
- **Stage 2** - A Broader Relationship - where there is already a more established relationship, researchers may wish to apply for funds to extend this relationship in the country of choice.
- **Stage 3** - Pilot Studies - where relationships are more mature it may be the case that researchers need financial support to carry out pilot research.
- **Stage 4** - Sustainable Interactions - dedicated schemes to support transnational collaboration or where the funding for international collaboration is embedded in the activities of programmes, often within the UK contribution to specific multilateral organisations.
RCUK International Opportunities

EPSRC – Overseas travel grant
- funding for international travel and subsistence to visit recognised non-UK centres to study new techniques and to travel from the UK to start or develop international collaborations

EPSRC Bilateral research workshops
- to exchange ideas and expertise internationally, with the objective of exploring the possibility of more substantial future collaboration. Roughly equal numbers attend from each side

AHRC – Research Networking
- support forums for the discussion and exchange of ideas on a specified thematic area, issue or problem. Value £30,000 plus £15,000 for international participants
RCUK International Opportunities

**BBSRC International Workshops**
- To stimulate joint working in topics important to BBSRC’s strategy
- To match numbers of scientists from the UK with other countries to identify areas of commonality and explore the potential for international collaboration
- To receive applications involving collaborations with any other country, although the US, Canada, Brazil, EU member states, Japan, China, India Australia and New Zealand are particularly encouraged
- Value £10,000

**ESRC Bilateral Agreements**
- Agreement with ARC for bilateral collaborative applications (ARC International Linkage)
Accessing RCUK

- All funding applications need to be UK-led
- Identify existing collaborations in the key Research Council areas
- Identify possible activities within the scope of each scheme

http://www.rcuk.ac.uk/international/default.htm

KEY TO INTERNATIONAL ACTIVITIES

- Collaboration and relationship building
- Serendipity or strategic plan?
- Who?
- Why?
- When?