EU FP7 Funds for European Hosting Institutions

“Marie-Curie Actions”

Burçak Çullu
Marie-Curie National Contact Point for Turkey
R&D Indicators

• Increasing R&D Expenditure in GDP
• Increasing quality and quantity of R&D Personnel
Increased 2.7 times between 2002-2007

* 2008 rates, Source: TurkStat, R&D Statistics
FTE R&D Human Resources

Between 2002-2007

# of FTE R&D Personnel increased 2.2 times
# of FTE Researchers increased 2.1 times

Source: TurkStat, R&D Statistics
Countries Turkey outpaced between 2002-2007

• GERD;
  – Finland and Denmark

• GERD/GDP;
  – Greece, Poland ve Slovakia

• FTE R&D Personnel;
  – Greece, Romania, Arjantine, Avusturia, Denmark, Switzerland, Belgium, Czech Republic, Finland

• FTE Researcher;
  – Switzerland, Denmark, Avusturia, Belgium, Arjantine, Finland, Netherlands
National Support Schemes to Attract Talented Researchers

TÜBİTAK
The Department of Science Fellowships & Grant Programmes (BİDEB)

- PhD Fellowship Programme For Foreign Citizens
- Research Fellowship Programme For Foreign Citizens
- Visiting Scientists Fellowship Programme
- EVRENA
FP7 overview (2007-2013)

EU’s main instrument for funding research

Cooperation
Ideas
People
Capacities
Euratom
JRC
FP7 Budget Allocation

Collaborative research
10 thematic areas

- Cooperation: €32,413
- Ideas: €7,510
- Capacities: €4,097
- Euratom: €2,751
- Nuclear research
- Research Capacity
- Marie Curie Actions
- Frontier Research (ERC)

Evolution of annual budget

Framework programme budget (1984-2013)
Target Audience

- Research Organizations
- Industry
- Universities
- Academia
- Public Institutions
- International Bodies

can *attract researchers* and *transfer knowledge* via Marie-Curie Support and Fellowship Programmes
Target Audience

• Post-Docs
• Engineers
• Professors
• Technicians
• MS Students*

can *enhance their careers* via Marie-Curie Support and Fellowship Programmes in *different countries, different sectors.*

*ITN
Objectives

• Career development of researchers (attract/retain numerous, well-trained, motivated researchers) in Europe

• Development of adequate and broad skills for both the private and public sector; increased private sector participation

• Sustainable career development

• Strengthen international (outside EU/AC) dimension

• Balanced gender objective; equal treatment
Tools for achieving the objectives

**Initial training:**
- Networks for Early stage researchers

**Life long training and career development:**
- Individual Fellowships
- Reintegration grants
- Co-funding of national programmes

**Industry dimension:**
- Industry-academia partnership and pathways

**International dimension: World fellowships**
- Outgoing fellowships
- Incoming fellowships
- International staff exchange scheme
Budget Allocation of the Tools

- Intra-European Fellowships (IEF): €95 million
- International Research Staff Exchange Scheme (IRSES): €30 million
- International Incoming Fellowships (IIF): €28 million
- International Outgoing Fellowships (IOF): €28 million
- Researchers’ Night: €3 million
- Industry Academia Partnerships and Pathways (IAPP): €65 million
- Cofunding of National, Regional And International Programmes (COFUND): €75 million
- Reintegration Grants (ERG&IRG): €31 million
Main characteristics

• No thematic priority
• No nationality rule

• Application with research projects
• Evaluation by independent experts
• Eight Marie Curie panels:
  Chemistry CHE
  Social and Human Sciences SOC
  Economic Sciences ECO
  Information Science and Engineering ENG
  Environment and Geosciences ENV
  Life Sciences LIF
  Mathematics MAT
  Physics PHY
Marie Curie Actions-Evaluation

- Application with research projects
- Evaluation by independent experts
- Eight Marie Curie panels:
  - Chemistry CHE
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  - Economic Sciences ECO
  - Information Science and Engineering ENG
  - Environment and Geosciences ENV
  - Life Sciences LIF
  - Mathematics MAT
  - Physics PHY
European researchers in US have the chance to re integrate themselves to ERA with a research project funded by EC.

- 25,000 € / year, for the reintegration of Turkish Researchers
- European researchers who have studied in US for at least 3 years are eligible
- All domains of research
- 24 – 48 months
- Next deadline : April, 2, 2009
Intra-European Fellowship - IEF

- To support career development of experienced researchers
- To enhance individual competence **diversification** – skills acquisition at multi-interdisciplinary level and/or inter-sectoral level
- To support researchers in attaining and/or strengthening a leading independent position
- To assist researchers to resume a career in research after a break
MC Actions-Individual Fellowships

International Incoming Fellowships, IIF

International Outgoing Fellowships, IOF