

STRoNG-TIES:

***Strengthening Training and Research through Networking and Globalization of Teaching in Engineering Studies* an Erasmus Mundus Action 2 Project**

Project Overview

The specific objectives of EMA2 - STRAND 1 are:

- To contribute to the mutual enrichment of societies by developing the qualifications of men and women so that they possess appropriate skills, particularly as regards the labour market ...;
- To promote mobility both for students, researchers, academics and administrative staff ... especially from vulnerable groups ... to obtain qualifications and/or experience in the European Union;
- To contribute towards the development of human resources and the international co-operation capacity of HEIs in third-countries through increased mobility streams ... in accordance with the principles of equal opportunities and non-discrimination.

Project Start date: 15-7-2011

Project End date: 14-7-2015

Partnership

EU HEIs

1. City University London, UK
2. Politecnico di Milano, IT
3. Wroclaw University of Technology, PL
4. University of Limerick, IE
5. Southern Denmark University, DK
6. Frederick University of Cyprus, CY
7. Technical University of Dortmund, DE

Third Country HEIs

1. Bangladesh University of Engineering & Technology, BD
2. United International University, BD
3. National University of Science & Technology, PK
4. Mehran University of Engineering & Technology, PK
5. Kathmandu University, NP
6. Royal University of Bhutan, BT
7. Kabul University, AF
8. University of Pune, IN
9. University of Malaya, MY
10. Bangkok University, TH
11. Institut Teknologi Bandung, ID

Mobility Types (definitions)

Mobility type	Definition	Duration
Bachelor (Undergraduate)	a person enrolled in a 1st cycle HE programme and who will obtain after the completion of the programme a first higher education degree;	6 - 10 mths
Master (Post Graduate)	a person enrolled in a 2nd cycle HE programme and who has a first higher education degree or recognised equivalent	6 – 10 mths

	level of learning	
Doctorate	an early-stage researcher at the beginning of his/her research career	6 – 34 mths
Post-Doctorate	an experienced researcher in possession of a doctoral degree or who has at least three years of full-time equivalent research experience	10 mths
Staff	Academic, research or administration staff employed by a HEI	1 – 3 mths

Mobility Target Groups (definitions)

Target Group	Definition
TG1	Students / Staff registered at one of the third-country HEIs within the partnership at the time of submitting their application to the partnership.
TG2	Students registered in a HEI (not included in the partnership) of the third-country concerned by the lot or having obtained a university degree or equivalent by an institution of these third-countries.
TG3	Nationals of one of the third-countries concerned by the lot and be part of the vulnerable target groups.

Mobility – Eligibility: STUDENTS (TG1)

To be eligible, "third-country students"(UG / PG / PhD students and post-doctoral candidates) must:

- be a national of one of the third-countries covered by the relevant lot;
- have not resided nor have carried out their main activity (studies, work, etc) for more than a total of 12 mths over the last five years in one of the EU countries at the time of submitting their application;
- be registered at one of the third-country HEIs within the partnership at the time of submitting their application. Undergraduate students must have successfully completed at least one year of studies in their home institution;
- Must have sufficient knowledge of the language of instruction in the hosting countries.

Mobility – Eligibility: STUDENTS (TG2 & TG3)

To be eligible, "third-country students") must meet the relevant criteria for TG1, AND specifically:

- **Target Group 2:** students need either to be registered in a HEI (not included in the partnership) of the third-country concerned by the lot or having obtained a university degree or equivalent by an institution of these third-countries.
- **Target Group 3:** students need to be nationals of one of the third-countries concerned by the lot and be part of the vulnerable target groups.

Mobility - Grants and Cost of Living in Host Cities

Grant Subsistence amounts:

- UG Euro 1000 / mth
- PG Euro 1000 / mth
- Doc Euro 1500 / mth
- P-Doc Euro 1800 / mth
- Staff Euro 2500 / mth
- Plus return airfare, insurance and participation cost subsidy*

Things to consider:

- Subsistence allowance may not cover all costs associated with the mobility placement

Insurance & Travel

- Arranged centrally by project coordinator (CUL)
- Travel
 - Based on distance travelled "as the crow flies" from home HEI city and host HEI city.

Subject Areas

- Predominantly Electrical, Electronics engineering and Information and Communication Technologies
- Electrical, Electronics
- Photonics
- Biomedical Engineering
- Computer engineering
- Power systems and energy
- Informatics
- Communication Engg
- Microwaves

Other STEM disciplines may be considered – subject to available scholarships and academic/research match at host university.

More on mobilities:

- All mobilities are from Asia to EU
- 75 mobilities from 7 Group A countries
- 25 mobilities from 4 Group B countries
- In total mobility: 101
- UG: 28
- MSc: 24
- PhD: 19
- Post-docs: 6
- Staff: 24
- Asia: Group A countries: 7 universities from Bangladesh, Pakistan, Nepal, Bhutan and Afghanistan
- Asia: Group B countries: 4 universities from Malaysia, Thailand, Indonesia and India
- EU: 7 universities from UK, Ireland, Italy, Germany, Denmark, Poland, and Cyprus

UG Mobility

- Total number: 24
- BEng/BSc:
- All from Group A countries: 21 (T1) + 7 (T3)
- Duration 6 months
- Degree by Asian universities

PG Mobility

- Total number: 24
- From Group A: 14 (T1) + 5 (T3)
- From Group B: 5 (T1)
- Duration 6 months (only 3 for 12 months from Group A:1)
- Carryout individual projects at EU universities
- Degrees from Asian universities

PhD mobility

- Group A: 7 (T1) and 6 (T2): total 13
- Group B: 5 (T1) and 1 (T2): total 6
- Duration: maximum 30 months
- Joint supervision
- Needs mapping of research interests/expertises

Staff members

- 24 mobilities, average 2 from each Asian partner universities.
- Duration 2 months
- Can be linked with joint PhD supervisions

Source: Slides from *STRoNG-TiES: Kick-off Meeting, Malaysia (October 13-14, 2011)*