



International Workshop "*Forest Policy and Economics in Support of Good Governance*" - Dubrovnik, 3-4 April 2009

SUTROFOR and SUFONAMA Erasmus Mundus MSc courses



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Outline

1. The general framework: the European Erasmus Mundus Master Course Programme
2. Responses to the capacity building and educational needs for governance by SUTROFOR and SUFONAMA MSc
3. Future challenges



1. The general framework: the European Erasmus Mundus Master Course Programme



International specialized MSc in Europe

Erasmus Mundus programme:

- MSc of European Forestry
- MSc SUTROFOR
- MSc SUFONAMA

Tempus programme:

- MSc ENARECO
- MSc FORPEC
- MSc MEDFOREM

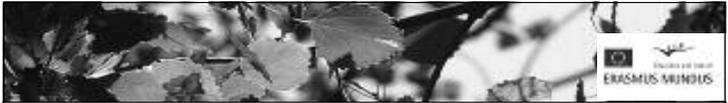
Other initiatives:

- MSc Forestry and Environmental Engineering
- MSc FOPER
- MSc EUROFORESTER
- ...

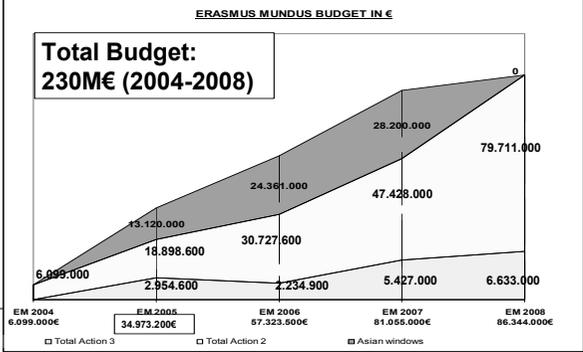


The objectives of the Erasmus Mundus programme (in brief)

- **Action 1:** Supporting the creation of consortia of high level education institutions in EU
- **Action 2:** Providing scholarships to high-qualified graduate students and scholars from third countries to facilitate their participation in the courses
- **Action 3:** Facilitating the creation of high-quality partnerships between EU and third-country higher education institutions
- **Action 4:** Improving accessibility and enhance the profile and visibility of higher education in the European Union.

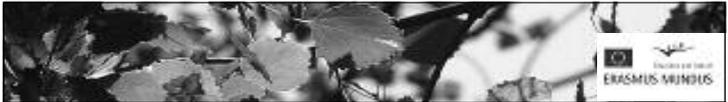


Erasmus Mundus + EM Windows



Erasmus Mundus MSc in agricultural and forestry sciences: 7

- AGRIS MUNDUS – Sustainable Development in Agriculture Masters Course
- European Master in Animal Breeding and Genetics (EM-ABG)
- IMRD – International Master of Science in Rural Development
- International Master “Vintage” – Vine, Wine and Terroir Management
- MSc EF – Master of Science of European Forestry
- SUFONAMA – Sustainable Forest and Nature Management
- SUTROFOR – Sustainable Tropical Forestry



The 2 EM MSc courses: SUTROFOR and SUFONAMA

Sustainable Tropical Forestry (SUTROFOR)

www.sutrofor.net
(Davide Pettenella, Laura Secco)

Sustainable Forest and Nature Management (SUFONAMA)

www.sufonama.net
(Vincenzo D'Agostino)

Structure of SUTROFOR



STRUCTURE OF SUTROFOR

FIRST YEAR (60 ECTS)	SECOND YEAR (60 ECTS)	SPECIALIZATION	JOINT DEGREE
Bergen Max. 25 students	Bergen Max. 15 students	Applied to systems	MSc in Environmental Forestry / Tropical MSc in Agroforestry
Capeverde Max. 25 students	Capeverde Max. 15 students	Socio-economic of tropical forestry	MSc in Agricultural Development
Dresden Max. 25 students	Dresden Max. 15 students	Tropical forest management	MSc in Tropical Forestry
 SUTROFOR Bergen Dresden Roma Rio	Munguão Max. 15 students	Environmental management and policies for tropical forests	MSc in Agricultural Sciences, specialization Tropical and Rural Forestry
	Padua Max. 15 students	Options in forestry and responsible trade in tropical forest products and services	MSc in Forestry and Environmental Sciences




Structure of SUFONAMA



STRUCTURE OF SUFONAMA

FIRST YEAR (60 ECTS)	SECOND YEAR (60 ECTS)	SPECIALIZATION	JOINT DEGREE
Bergen Max. 25 students	Bergen Max. 15 students	Conservation and land management	MSc in Environmental Forestry / MSc in Conservation and Land Management
Capeverde Max. 25 students	Capeverde Max. 15 students	Economic management of forests and nature	MSc in Forestry
Dresden Max. 25 students	Dresden Max. 15 students	Timber and non-timber forest products and processing	MSc in Forestry
 SUFONAMA Bergen Dresden Roma Rio	Shiraz Max. 15 students	Forest restoration and East European Forestry	MSc in Forestry
	Padua Max. 15 students	Tropical forestry and ecosystem management	MSc in Forestry and Environmental Sciences






2. Responses to the capacity building and educational needs for governance by SUTROFOR and SUFONAMA MSc




Capacity building and governance-related benefits for students and scholars **1**

Increasing mobility opportunities
 ⇒ wider international profile
 ⇒ international competences and personal skills

- Scholarships (appr. 25) for non-EU students are 21,000 € per year
- Action 3 scholarships for financing thesis work abroad
- Scholarships for third-country scholars and for short-term missions (1-3 months) for EU universities staff
- Compulsory Joint Summer Module



Capacity building and governance-related benefits for students and scholars **2**

Increasing networking opportunities:
 ⇒ *Stepping stone for future working and cooperation opportunities*

- EU students included in groups of 25 highly qualified international students (selected out of more than 900 students world-wide)
- International network, alumni with all Erasmus Mundus students/universities

- Compulsory Joint Summer Module



Capacity building and governance-related benefits for students and scholars **3**

Opportunity for specialisation on governance-related topics:
 ⇒ *Some courses' contents highlight basic principles of good governance in forestry*

- e.g. Padova 2nd year of specialisation on "*Ethics in forestry: responsible forest management, processing and trade of tropical forest products & services*" deals with topics like illegal logging, SFM standards, PES, participation processes and conflicts management, stakeholders consultation, third-party certification, transparency,...



Internal governance-related benefits for partner universities

- An important and **strong international network**
- Spin-off to EU applications
- **Excellent students and ambassadors** (their skills and enthusiasm is carried on to "local" students – motivations to improve programmes)
- Potential future Ph.D. students/researchers and cooperative partners

- **Industrial partnerships** for sponsoring scholarships (academic-private sector collaboration)



Internal governance-related problems for partner universities

- **Administration**
 - Erasmus Mundus Secretariat is costly and EU grant for administration is only EURO 15.000
 - How to avoid 5 partners dancing 5 different dances – overcoming national administrative barriers
 - You need strong institutional commitment
 - Financial Agreements, Administrative Manuals, etc.
- "One for all, and all for one" – keeping all partners satisfied
- Students are excellent but **high demanding**
- **Institutional change and flexibility (legislation, fees, etc.)**



3. Future challenges



Governance future challenges within the EM educational system in forestry 1

According to SUTROFOR and SUFONAMA experiences:

- Increased visibility - increased recruitment, **increased resources**: how are this improving internal governance? (*=> EU monitoring activity, use of students' evaluations of the courses, ...*)



Governance future challenges within the EM educational system in forestry 2

According to SUTROFOR and SUFONAMA experiences:

- Highly attractive for third-country students (scholarships): EU-students participation in the future?
- EM MSc programme not based on a Training Need Assessment (on the contrary of FOPER programme!)
- Need for a more adequate and efficient distribution of EM MSc programmes in forestry? On the basis of regional interests/ topics (*e.g. Mediterranean areas; mainstreaming of management, social sciences, ethics in the programs*)?



Thank you again for attention!