

Experiences from two ERASMUS MUNDUS MSc Programmes in Forestry

Niels Strange and Carsten Smith Olsen
University of Copenhagen
Faculty of Life Sciences



Education and Culture

ERASMUS MUNDUS

Outline

- The European Erasmus Mundus Master Course Programme
- Experiences from the EMMCs: SUTROFOR and SUFONAMA



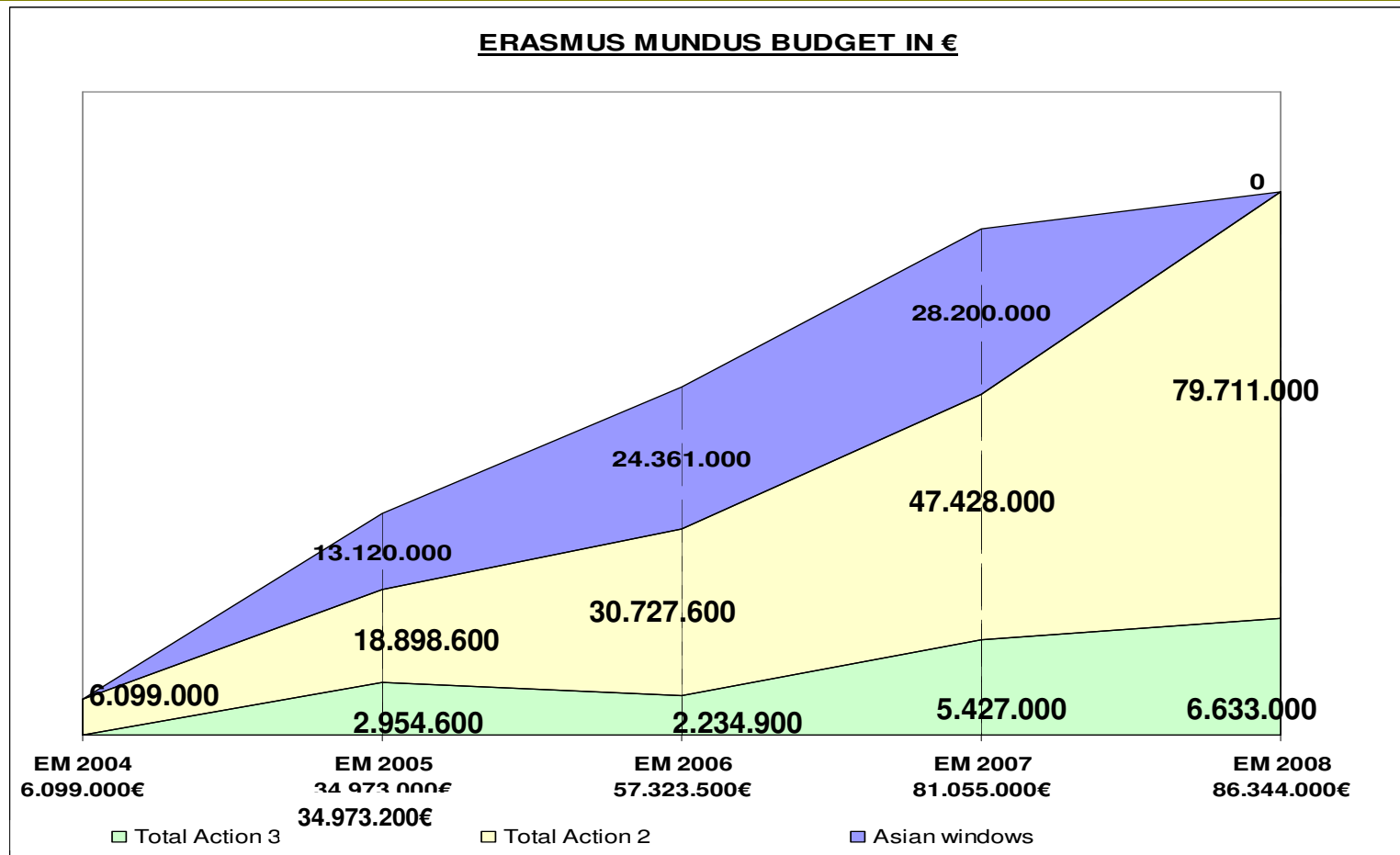
The objectives of the Erasmus Mundus programme

- Select high-quality integrated masters courses which are offered by a consortium of at least three higher education institutions in at least three participating countries (**Action 1**);
Give scholarships to highly qualified graduate students and scholars from third countries to follow or participate in the selected masters courses (**Action 2**);
- Select high-quality partnerships between selected masters courses and third-country higher education institutions (**Action 3**);
- Select projects of at least three institutions in at least three participating countries aiming to improve accessibility and enhance the profile and visibility of higher education in the European Union (**Action 4**).



Education and Culture
ERASMUS MUNDUS

Erasmus Mundus + EM Windows: Additionality



EM Programme outputs 2004-2006: Key facts and figures

- ✓ **80** Erasmus Mundus Masters Courses (until 12/2006)
- ✓ **369** higher educations institutions networking within the EM programme
- ✓ 2007 selection:
 - ✓ **156 EMMCs** applications submitted - **469 HEIs** involved
 - ✓ **23** new EMMCs selected - **109** HEIs involved

EM Programme outputs 2004-2006: *Disciplines*

Disciplines represented in EMMCs

- ✓ **Engineering** (including Engineering, Environment, IT & Telecom.) => **44 Courses**
- ✓ **Humanities** (social, cultural and political sciences) => **20 Courses**
- ✓ **Law Business and Economy** => **8 Courses**
- ✓ **Science, Health and Medicine** => **8 Courses**



Education and Culture
ERASMUS MUNDUS

EM Programme outputs 2004-2006: *Mobility*

Third country students:

- ✓ 2004-2005: **140** grants for students
- ✓ 2005-2006: **808** grants for students
- ✓ 2006-2007: **1377** grants for students
- ✓ 2007-2008: **1800** grants for students (**2825** including Action 3)

Most popular countries China, Brazil, Russia, India, Thailand, Pakistan

Third country scholars:

- ✓ 2004-2005: **28** grants for scholars
- ✓ 2005-2006: **133** grants for scholars
- ✓ 2006-2007: **231** grants for scholars
- ✓ 2007-2008: **320** grants for scholars

Most popular countries China, Brazil, Russia, India, USA, Canada



Ensuring high quality standards &
course excellence: **Degree Awarding & Recognition**

Minimum requirement => **Double degree**

Highly recommended => **Joint degree**

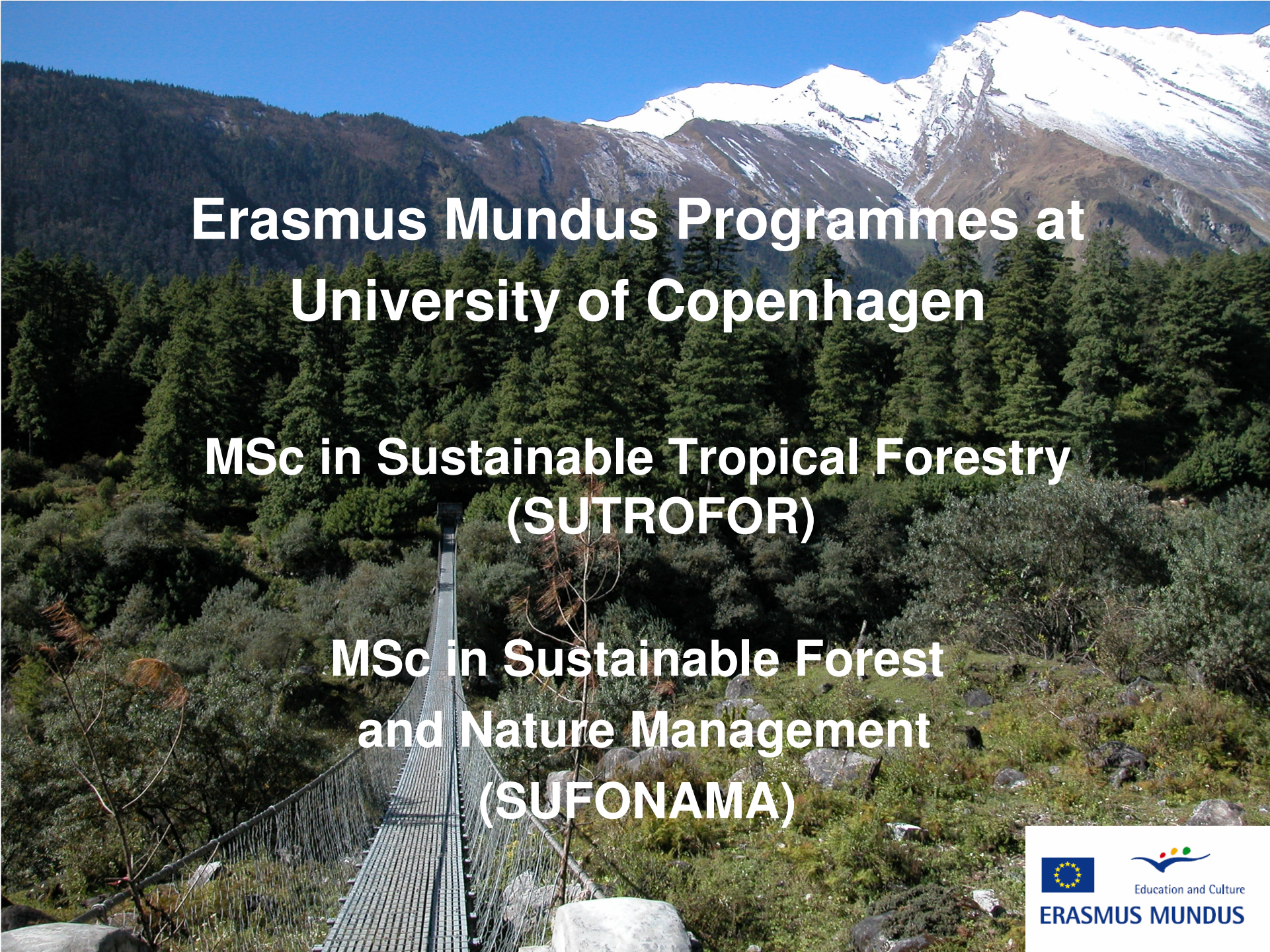
- ✓ Stock taking Erasmus Mundus Masters Courses selected (2004-2007)
 - 26 Universities award a joint degree
 - 21 Universities award a multiple degree
 - 40 Universities award a double degree
 - 7 Universities having specified more than one type of degree

- ✓ At least 8 EM Masters Courses that were initially awarding a double or multiple degree have achieved a joint degree

Thematic priorities for 2007 (starting 2008)

EMMCs selection is "*open to Masters Courses operating in all fields of study*", however specific disciplines have been earmarked as priority

- Architecture, urban and regional planning
- Art and design
- Business studies, management sciences
- Languages and philological sciences
- Law
- Mathematics and info-society
- Medical sciences



**Erasmus Mundus Programmes at
University of Copenhagen**

**MSc in Sustainable Tropical Forestry
(SUTROFOR)**

**MSc in Sustainable Forest
and Nature Management
(SUFONAMA)**



Education and Culture

ERASMUS MUNDUS

SUTROFOR

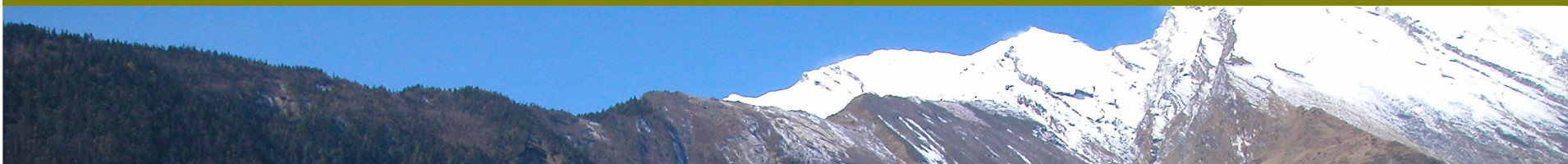
An European Erasmus Mundus MSc in Sustainable Tropical Forestry. This two-year Master's Course in Sustainable Tropical Forestry (SUTROFOR) is a top-level program aimed at preparing qualified graduates to deal with **contemporary tropical forestry**. It provides students with direct access to the **best tropical forestry teaching in Europe**




Education and Culture

ERASMUS MUNDUS

Structure of SUTROFOR



STRUCTURE OF SUTROFOR

FIRST YEAR (60 ECTS)		SECOND YEAR (60 ECTS)	SPECIALISATION	JOINT DEGREES
Bangor Max. 25 students	Joint Summer Module	Bangor Max. 15 students	Agroforestry systems	MSc in Environmental Forestry (Tropical), MSc in Agroforestry
Copenhagen Max. 25 students		Copenhagen Max. 15 students	Socio-economics of tropical forestry	MSc in Agricultural Development
Dresden Max. 25 students		Dresden Max. 15 students	Tropical forest management	MSc in Tropical Forestry
		Montpellier Max. 15 students	Environmental management and policies for tropical forests	MSc in Agricultural Sciences, specialisation Tropical and Rural Forestry
		Padova Max. 15 students	Ethics in forestry and responsible trade in tropical forest products and services	MSc in Forestry and Environmental Sciences



Education and Culture

ERASMUS MUNDUS

SUFONAMA

The MSc Course in Sustainable Forest and Nature Management (SUFONAMA) is a two-year world-class integrated programme aimed at qualifying graduates to deal with the huge challenges in forest and nature management.

SUFONAMA is a top-level program aimed at preparing qualified graduates to deal with **Management of forests and nature areas in an integrated landscape context.**




Education and Culture

ERASMUS MUNDUS

Structure of SUFONAMA -1



FIRST YEAR (60 ECTS)		SECOND YEAR (60 ECTS)	SPECIALISATION	JOINT DEGREES
Bangor Max. 25 students	Joint Summer Module	Bangor Max. 15 students	Conservation and land management	MSc in Environmental Forestry/ MSc in Conservation and Land Management
Copenhagen Max. 25 students		Copenhagen Max. 15 students	Economic management of forests and nature	MSc in Forestry
Göttingen Max. 25 students		Göttingen Max. 15 students	Timber and non-timber forest product use and processing	MSc in Forestry
 SUFONAMA European Erasmus Mundus MSc		Alnarp Max. 15 students	Scandinavian and East European forestry	MSc in Forestry
		Padova Max. 15 students	Mountain forestry and watershed management	MSc in Forestry and Environmental Sciences



Education and Culture

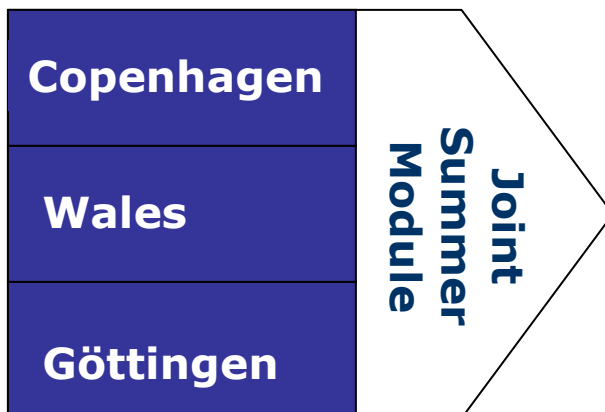
ERASMUS MUNDUS



Education and Culture

ERASMUS MUNDUS

Structure of SUFONAMA - 2



Sweden

**Scandinavian and East European
Forestry**

Wales

**Conservation and Land
Management**

Copenhagen

**Economic Management of Forest
and Nature**

Göttingen

**Timber and Non-Timber Forestry
Product use and processing**

Padova

**Mountain Forestry and Watershed
Management**





A. Mohandas

Benefits for the students

- Opportunity to study with 25 highly qualified international students selected out of more than 900 students
- Scholarships for Non-EU students is 21,000 EURO per year
- Two MSc degrees (double-degree), one from the 1st year university and one from the 2nd year university
- Joint summer module
- A well planned and structured international program of high standard



Benefits for the students

- Each student has a tutor (student + academic advisor)
- Action 3 scholarships for financing thesis work abroad
- Housing opportunities and high support from partner universities, i.e. easy start on an international education
- International competencies
- International network, alumni with all Erasmus Mundus students/universities
- Stepping stone for future working and cooperation opportunities



Education and Culture

ERASMUS MUNDUS

Benefits for the partner universities/institutions

- Excellent students and ambassadors (their skills and enthusiasm is carried on to other students)
- Potential future Ph.D. students and cooperative partners
- Industrial partnerships for sponsoring scholarships
- An important and strong international network – a stepping stone towards future cooperation
- Spin-off to EU applications
- Recognition (nationally and internationally)
- Increased international visibility – may increase attractiveness for US universities
- Increased national visibility – improved recruitment, positive visibility within your own university



Challenges 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.
 - How to minimise national admin barriers (fast tracking Visa, Joint Degrees)
- “One for all, and all for one” – keeping all partners satisfied
- Students are excellent but very demanding
- Institutional change and flexibility (legislation, fees, etc)
- Recruitment of EU students – why paying when you could have a free lunch? Marketing the added value
- Recruitment of Non-EU students – how do we attract the best?

Further information

- Deadlines:
 - Non-Eu-students expected deadline is January 25, 2008.
 - EU students August 15, 2008. Applications mailed before this date will be processed immediately.

www.sufonama.net

www.sutrofor.net

**Erasmus Mundus Secretariat
University of Copenhagen
Faculty of Life Sciences
Bülowsvej 17
DK-1870 Frederiksberg C
Denmark**