



**SUFAREL TEMPUS Project**  
Videoconference; 31 Oct. 2012

## **Qualification frameworks in forestry sector at University of Padova**



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## Outline

- HE system related to forestry at University of Padova
  - The Bachelor course
  - The Masters (1 in Italian; 1+3 in English)
  - The PhD
- The QA system
- Conclusion

# The UNIPD educational structure in forestry

180 credits  
3 years

**1st cycle**  
(BSc: "Laurea")

**1**  
Program in Italian

120 credits  
2 years

**2nd cycle**  
(Master: "Laurea magistrale")

**1 Master Program**

<b>1</b> Program in Italian	<b>1+3</b> Programs in English
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1 credit = 25 hrs

**PhD**

**1** Doctoral School

EC Erasmus Mundus

<b>1</b> International PhD program
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# General objectives of teaching (national level)

## Study in Italy

Italian Higher Education for International Students



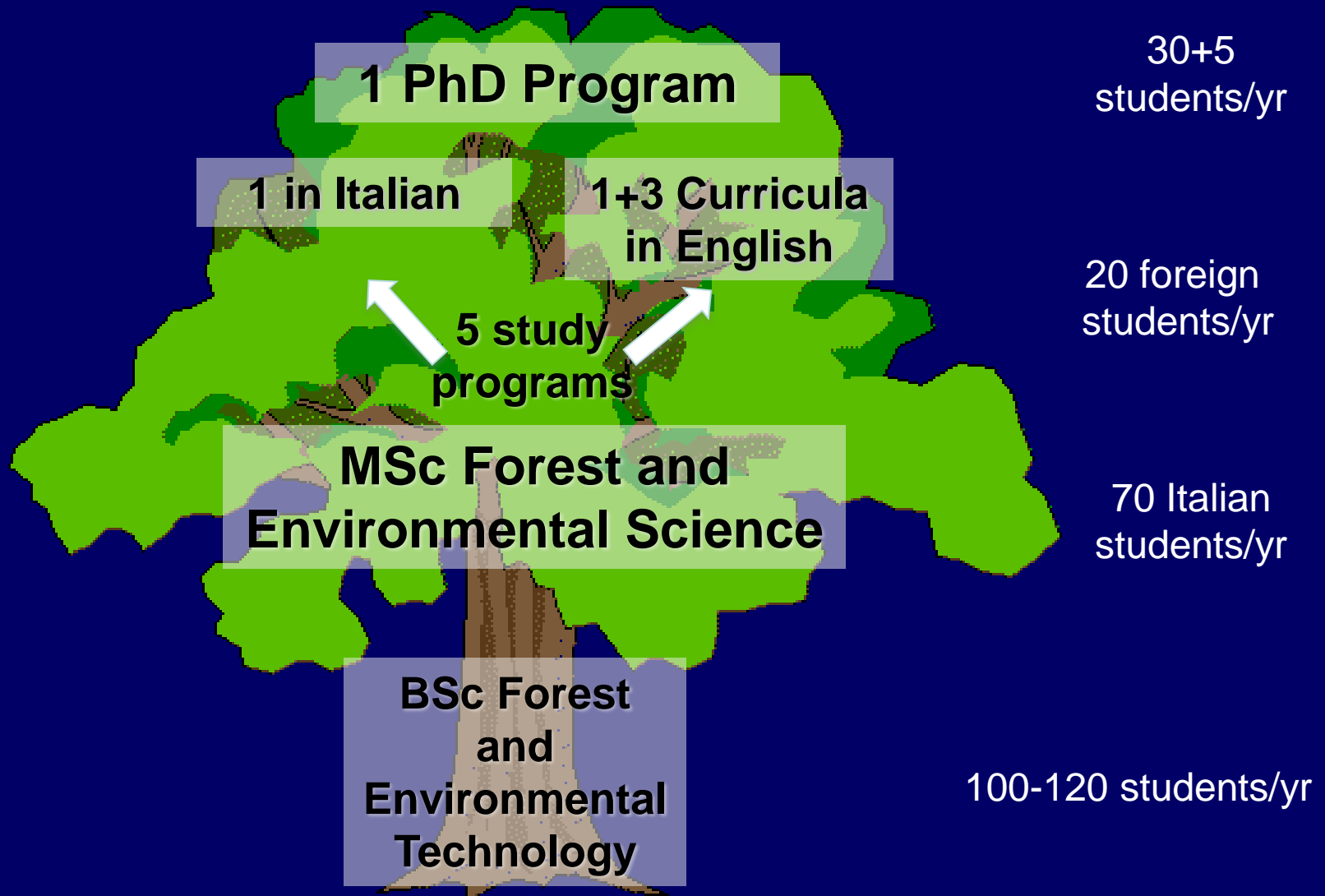
[Home](#) [Higher Education](#) [Studying in Italy](#) [Course search](#)

### Agriculture, food industry and forestry

Graduates of this first degree course must:

1. possess adequate basic knowledge in the fields of mathematics, physics, computer science, chemistry and biology for the purposes of application;
2. know research methods and be able to participate in research and experimentation, as well as use their knowledge to solve the various practical problems in the agriculture, food industry and forestry sectors;
3. possess knowledge and competence of operational procedures and lab work, in one or more of the following sectors: agriculture, food industry and forestry;
4. be able to give technical assistance in the agriculture, food industry and forestry sectors;
5. be able to evaluate what impact agriculture, the food industry and forestry projects have on the environment;
6. understand the corporate environment and the relative economic, managerial and organisational aspects of the agriculture, food industry and forestry sectors;
7. possess the basic education and ability needed to constantly update their knowledge and professional competence.

# Teaching in forestry science at UNIPD



## General objectives of teaching (Padova) (1/2)

- A clear proposal to the students: a professional profile is reached with an educational program 3+2
- Within the national targets:
  - Expert in forest management (forest inventory, forest protection, wood harvesting, marketing and processing of forest products)

## General objectives of teaching (Padova) (2/2)

- Expert in environmental education
  - Expert in watershed management
  - Expert in management of protected areas and wild fauna
- ... mainly in a position of consultant  
(reduced employment opportunities as employee by the public sector), often working in mountain areas (high concentration of forest and natural areas)



# BSc Forest and Environmental Technology

(coherent with a national framework which defines minimum no. ECTS for each group of subjects, the thesis, the training activity)

1 <sup>st</sup> year	<b>68 credits</b> Math, Physics, Inorganic and Organic Chemistry, Plant and Animal Biology, Geology, Economics
2 <sup>nd</sup> year	<b>68 credits</b> Forest Genetics, Soil, Ecology, Forest Zoology, Forest Plant Botany, Applied Statistics
3 <sup>rd</sup> year	<b>48 credits</b> Forest Law, Forest Measurement, Geomatic, Forest Policy, Silviculture, Hydrology 12 credits Elective, 4 credits English Language (B1 <i>Threshold</i> *) 10 credits Training Activity 4 credits Thesis

\* Common European Framework of Reference



# MSc Forest and Environmental Science (curriculum in Italian)

(coherent with a national framework which defines minimum no. ECTS for each group of subjects, the thesis, the training activity)

1 <sup>st</sup> year	<b>20 credits</b> Ecological Land Planning, Fluvial Morphology, Applied Silviculture <b>28 credits Specialization</b>
2 <sup>nd</sup> year	<b>26 credits Specialization</b> 8 credits Elective 4 credits Advanced Informatics 4 credits English Language (B2 <i>Vantage</i> *) <b>30 credits Thesis</b>

\* Common European Framework of Reference

# MSc Forest and Environmental Science (specialization in Italian)

After the Bachelor the student enters the 2nd cycle where he/she has 5 +1 options (the last option is his/her personal study program officially approved by the University)

Study programs
Forest and Environmental Science
Land Protection
Mountain Area Development
Environment and Biodiversity Management
Planning and Management of Green Areas

# MSc Forest and Environmental Science (curriculum in English)

1 <sup>st</sup> year	<b>46 credits</b> Forest Policy, Valuation and Assessment of Forest and Environmental Goods and Services, Forest and Hillslope Hydrology, Forest Landscape Management, Forest Pathology and Wood Alterations, Integrated Watershed Management, Global Change and Forest Ecosystems
2 <sup>nd</sup> year	<b>26 credits</b> Insect Ecology and Biodiversity Management, Mountain Fluvial Morphology and Stream Restoration, Wildlife Conservation and Management, Wood Harvesting and Transportation Systems 8 credits Elective 4 credits Advanced Informatics 4 credits English Language (B2 <i>Vantage</i> *) 30 credits Thesis

\* Common European Framework of Reference



Education and Culture

ERASMUS MUNDUS

## 3 International MSc related to forestry Within the ERASMUS-MUNDUS program

### MEDFOR

- Lisbona
- *Padova*
- Lleida
- Porto
- Viterbo
- Valladolid
- Karadeniz (TUR)

### SUTROFOR

- Copenaghen
- Dresda
- Bangor
- *Padova*
- Montpellier

### SUFONAMA

- Copenaghen
- Goettingen
- Bangor
- *Padova*
- Alnarp

All teaching in English (only in Montpellier: French)

# General structure

- **120 ECTS**: 60 (1<sup>st</sup> year – 2 semesters) + 30 (2<sup>nd</sup> year – 1 semester) + 30 for the thesis
- **1<sup>st</sup> year in one university** (general topics) + **2<sup>nd</sup> year of specialization** in another partner university with thesis work, preferably with an associated partner
- A **common field course** (between the 1<sup>st</sup> and the 2<sup>nd</sup> year for SUTROFOR and SUFONAMA, between the 1<sup>st</sup> and the 2<sup>nd</sup> semester for MEDfOR); 9-15 ECTS
- **Double or** preferably a **joint degree**
- Some common **on line courses** (Research methodologies, Climate change economics and policies, Field course preparation)

## UP - Second Year

### 30 ECTS specialization sub-programme at University of Padova (Italy) on:

#### Social and Environmental responsibility in Mediterranean forestry

Students attending the specialization in "Social and Environmental responsibility in Mediterranean forestry" will acquire a knowledge and understanding of the following subjects

- Social Responsibility by public and private institutions: principles and fundamental elements of business and government ethics as applied to forestry; role and responsibilities in institutional setting; main international initiatives in promoting a responsible use of forest resources.
- Environmental economics for Mediterranean forest resources: role of forestry in the global economy; multifunctional role of responsible managed forests in providing products and services; the international market framework; responsible trade in Mediterranean forest products and services.
- Societal marketing: forest certification and other tools: strategic marketing planning; segmentation and differentiation – marketing positioning; initiatives and instruments to implement environmental and social responsibility by both private and public organizations and actors.
- Applied statistics in forest research and Research and project design: principles, elements and tools to be used in organizing a research project, qualitative and quantitative methods for data analysis to be applied in investigating the responsible production and trade in forest products and services and the problems of governance of the sector.

#### Courses

1. Social Responsibility in Forestry by Public and Private Organizations (6 ECTS)
2. Valuation and Assessment of Forest and Environmental Goods and Services (6 ECTS)
3. Societal marketing: forest certification and other tools (6 ECTS)
4. Applied statistics in forest research (6 ECTS)
5. Forest policies and conflict management in forestry (6 ECTS)



Find us on facebook!

- Course structure
  - First Year
  - E-Learning Course
  - Winter School
  - Second Year
- Degree

#### About MEDFOR

- Course Structure
- Degree



#### DEADLINES

Please note that the deadline for **NEW** scholarships are available until 15<sup>th</sup> June 2012. **NEW** scholarships are available until 15<sup>th</sup> June 2012. **CLOSED** scholarships are available until 15<sup>th</sup> June 2012.

#### About MEDFOR

##### MEDFOR - Mediterranean Forestry

A two-year world-class Erasmus Mundus approach throughout the Mediterranean region, combining science and a multidisciplinary approach to forest management and policy-making.

The MEDFOR emphasis is on educating the leaders of the future generation of engineers, managers, researchers, and teachers involved in Mediterranean forestry and natural resources management. MEDFOR equips students with a solid scientific habilitation and the competences for careers in innovative fields of work within the Mediterranean forestry supply chain. It will both provide the basis needed for students to pursue academic opportunities (e.g. PhD program) and the qualifications needed to fill positions in all Mediterranean forestry supply chain segments (e.g. forestry and natural resources organizations, either public or private, either national or international).

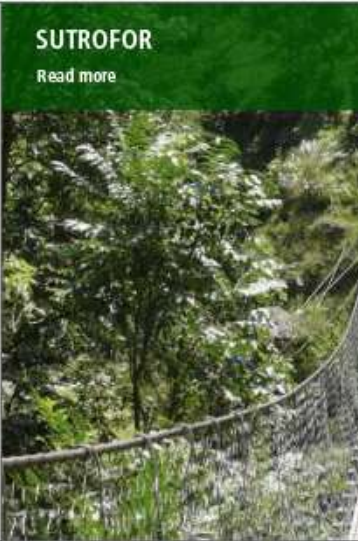




**SUTROFOR Programme**

The MSc Course in [Sustainable Tropical Forestry \(SUTROFOR\)](#) offers:

- A two-year world class MSc
- Focus on sustainable tropical forestry
- Study at two leading European universities
- Research-based teaching
- Double Degree
- EU Scholarships



**SUTROFOR ADMISSION 2**

The call for Erasmus Mundus scholar selection results will be published by

Self-financed students from within the August 2012.

Deadline for the next call is 1 December 2012.

**Second year at the University of Padova**

University of Padova offers the specialisation: **Social and environmental responsibility in tropical forestry.**

The main educational aims of the programme are:

- to graduate individuals who have a thorough understanding of the main theoretical concepts, international framework and practical tools related to ethics in forestry, who are able to apply them to the marketing of tropical forest products and services, and who understand the potentialities and consequences of promoting a responsible use of forest resources worldwide;
- to develop students' intellectual, practical, critical capacity, information and communication, interpersonal / teamwork, self management and professional development skills in relation to ethics in tropical forestry and to social and environmental responsibility applied to organizations, both public and private, involved in the forestry sector;
- to equip students for a career in an innovative field of work: ethics in forestry. The students will acquire personal and professional skills with special reference to responsible trade and use of tropical forest products and societal marketing instruments. The growing focus on CSR, environmental communication, public participation and good governance in decision-making related to environment and social aspects of forestry is leading to a growing demand for professionals and experts in this field.

Module no.	Module title	ECTS
1	<a href="#">Social Responsibility by Public and Private Organisations</a>	6
2	<a href="#">Environmental Economics for Tropical Forest Resources</a>	6
3	<a href="#">Societal Marketing: Forest Certification and Other Tools</a>	6
4	<a href="#">Forest Policies and Conflict Management in Tropical Forest</a>	6
5	<a href="#">Research Planning</a>	6
6	<a href="#">Thesis</a>	30
	<b>Total</b>	<b>60</b>





## Erasmus Mundus MSc in Sustainable Forest and Nature Management

ABOUT SUFONAMA   UNIVERSITIES   HOW TO APPLY   SUFONAMA

### SUFONAMA Programme

The MSc Course in **Sustainable Forest and Nature Management** (SUFONAMA) offers:

- A two-year world class MSc
- Focus on sustainable management and natural resources
- Study at two leading European universities
- Research-based teaching
- Double Degree
- EU Scholarships

**SUFONAMA**  
Read more

### International Year of Forests 2011

Read more



SUFONAMA > Universities > University of Padova > Second year

University of Copenhagen  
Bangor University  
University of Göttingen  
Swedish University of Agricultural Sciences  
University of Padova

► **Second year**

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5 - Thesis


Academic staff  
Associate partners

### SUFONAMA ADMISSION 2012

The call for Erasmus Mundus scholarships for non-EU and EU students is closed. Final selection results will be published by the EU Commission by late April 2012.

Self-financed students from within the European Union can still apply until the 15 August 2012.

Deadline for the next call is 1 December 2012.



## Erasmus Mundus MSc in Sustainable Forest and Nature Management

ABOUT SUFONAMA   UNIVERSITIES   HOW TO APPLY   SUFONAMA STUDENTS   PHOTO GALLERY   FAQ   CONTACT

SUFONAMA > Universities > University of Padova > Second year

### Second year at University of Padova

University of Padova offers the specialisation:  
**Mountain Forestry and Watershed Management.**



This includes the following second year modules (study start 2012):

Module no.	Module title	ECTS
1	<a href="#">Research Planning</a>	6
2	<a href="#">Management of Mountain Forests and Logging Systems</a>	10
3	<a href="#">Valuation and Assessment of Forest and Environmental Goods and Services</a>	6
4	<a href="#">Mountain Fluvial Morphology and Stream Restoration</a>	8
5	<a href="#">Thesis</a>	30
	<b>Total</b>	<b>60</b>

*Erasmus Mundus Secretariat, SUFONAMA@ife.eu.de - last update: 23 January 2012*

[SUFONAMA Student Handbook](#)

Part of Erasmus Mundus  
Read more on [ec.europa.eu](http://ec.europa.eu)

Education and Culture DG

**ERASMUS MUNDUS**

# PhD School:

## Land, environment, resources and health

- Animal science
- Managerial engineering and economic evaluation
- Crop production science
- Biotechnology and bio-chemistry
- Viticulture, enology and marketing in the wine sector





UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

# DOCTORAL SCHOOL Land Environment Resources and Health (L.E.R.H.)



- Home
- Research lines
- Mission
- Education
- Admission



This PhD School is involved with:

1) the collaboration/cooperation international agreement FONASO (FOrest, NAture and SOciety). It is a world-class Erasmus Mundus Joint Doctoral Programme offered by a consortium of internationally recognised European universities (University of Copenhagen, Swedish University of Agricultural Sciences, Bangor University, Dresden University of Technology, University of Göttingen, AgroParisTech, University of Padova) and other international research organizations located in Indonesia, Australia, Canada, Kenya, Denmark;

2) three international joint PhD agreements with the following universities: 1) Austral of Valdivia, Chile; PhD forestry, 2) Politecnico di Madrid, Spain; PhD Engineering, 3) National of Cuyo, Mendoza, Argentina; PhD Agronomy.

Several researchers, professors and experts in the field of economics, ecology & silviculture technology, water resources, soil conservation, watershed management, health: nutrition, etc. will join up the School of Land, Environment & Health.

General information >

Ferms, facilities, library...

Formation programme ↓

Compulsory (1 year) >

Curriculum related >

Students and their thesis >

For students >

Statute >

Italian version (pdf)

Departments and centres ↓

[ Land Envir. Agriculture Forestry >

**FONASO**  
Erasmus Mundus Joint Doctorate programme

**Forest and Nature for Society**

ABOUT FONASO PARTNERS RESEARCH TOPICS HOW TO APPLY FELLOWSHIPS ONGOING PROJECTS FAQ CONTACT

**FONASO**

- a world-class Erasmus Mundus Joint Doctoral Programme offered by a consortium of internationally recognised European universities:

- University of Copenhagen
- Swedish University of Agricultural Sciences
- Bangor University
- Dresden University of Technology
- University of Göttingen
- AgroParisTech
- University of Padova

**Erasmus Mundus - Forest and Nature for Society**

Read more

**FONASO offers**

A fully integrated three-year doctoral programme

Focus on the scientific fields of economics & policy and ecology & silviculture

Emphasis on applied research and joint supervision

Joint research with leading research and industry organisations in Africa, Asia, Australia, Europe and North America

Attractive EU Fellowships

**Partners**

Read more

**Call open - application for FONASO fellowships**

The call for applications for study start in the fall of 2013 is now open.

The deadline for applications is **1 November 2012**.

The research topics for the call have been published and can be found [here](#).

Application form is available [here](#).

**Part of Erasmus Mundus**

Read more on [er.mundus.eu](#)

ERASMUS MUNDUS

**INTERNATIONAL SUMMER SCHOOL**  
Sustainable management and protection of territory (deadline 30 march 2012)  
[Programme](#) [Registration form](#)

Dean: Prof. Mario Aristide Lenzi  
phone +390498272664-05 fax +390498272688  
email: [marioaristide.lenzi@unipd.it](mailto:marioaristide.lenzi@unipd.it)

[www.tesaf.unipd.it/school/lerh.asp](http://www.tesaf.unipd.it/school/lerh.asp)

[www.fonaso.eu/](http://www.fonaso.eu/)

## Quality Assurance

### Links with the professionals

- **Good and frequent links with the Association of Chartered Agronomists and Forests:**
  - they are invited to make comments and suggestions on the Bachelor and Master courses organization
  - Moreover, to practice the professional activity, post-graduates have to pass a State examination organized by a mixed Commission with a majority of members from the Association → direct control of the contents and acquired knowledge of the young graduates



# Quality Assurance

## Links with the market (employment opportunities)

### About MEDfOR

#### MEDfOR - Mediterranean Forestry and Natural Resources Management

A two-year world-class Erasmus Mundus Master Course Programme that answers a call for a coordinated approach throughout the Mediterranean basin to develop reliable information and tools - based on sound science and a multidisciplinary approach, in order to improve Mediterranean forestry and natural resources management and policy-making.

The MEDfOR emphasis is on educating the leaders of the future generation of engineers, managers, researchers, and teachers involved in Mediterranean forestry and natural resources management. MEDfOR equips students with a solid scientific habilitation and the competences for careers in innovative fields of work within the Mediterranean forestry supply chain. It will both provide the basis needed for students to pursue academic opportunities (e.g. PhD program) and the qualifications needed to fill positions in all Mediterranean

The MEDfOR Consortium is supported by a consultation panel that includes leading international research and outreach organizations in all scientific areas of interest to Mediterranean forestry and natural resources management. The six associated partners are: European Forest Institute Mediterranean regional office (EFIMED), Spain, Ecole Nationale Forestière d'Ingénieur (ENFI), Morocco, Institut National de Recherche en Génie Rural, Eaux et Forêts (INRGREF), Tunisia, Forest Technology Center of Catalonia (CTFC), Spain, Institut National de la Recherche Agronomique (INRA) - Unité de Recherche Ecologie des Forêts Méditerranéennes, France, and the International Centre of Advanced Mediterranean Agronomic Studies (CIHEAM) - Mediterranean Agronomic Institute of Chania (Greece).

The consultation panel is coordinated by EFIMED and in order to enhance and strengthen the interaction of MEDfOR with stakeholders and the Mediterranean forest community it further includes key stakeholders such as the Mediterranean Forest Owners Association (arcMED), the World Wildlife Fund Mediterranean Office (WWFMed), the Association Internationale Forêt Méditerranéenne (AIFM) and the Food and Agriculture Organization (FAO)



Home &gt; Graduates



## What is the profile of the graduate from your University, your Faculty, your subject area, etc.?

ALL  
UNIVERSITIESgraduation year: **2011**type of degree course: **second cycle degree (post-Bologna process reform)**

University: all

Faculty: **Agriculture**degree subject grouping: **agriculture**Number of graduates: **1,021**Completed the questionnaire: **953****27.6/30**

single examinations' marks

**108.9/110**

graduation mark

**55.9%**

graduates completing their studies within prescribed completion time

**2.7**

duration of studies

**81.4%**

attended over 75% of classes prescribed by the degree course on a regular basis

**10.1%**

studied abroad with Socrates/Erasmus or other European Union programmes

**49.8%**

carried out training periods or training practise experiences

**37.0%**

are definitely satisfied with the course of studies

### GRADUATES

- How many graduates find a job after graduation?
- What is the profile of the graduate from university, your faculty, your subject area?
- Post-graduate studies

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- How many graduates find a job after graduation?
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- Post-graduate studies



# Quality Assurance

## The students' evaluation

### Erasmus Mundus MSc programme overview of student applications

#### 1. Background information

The Erasmus Mundus MSc programme ([www.sutrofor.eu](http://www.sutrofor.eu)) was approved by the Commission in 2006. The programme was applied for by 40 countries (with applications from 267 students (also known as Editions VI) were approved. The main source of information for the programme is the Commission with an overview of the programme. The main source of information for the programme is the Commission with an overview of the programme. The main source of information for the programme is the Commission with an overview of the programme.

#### 2. Status for the SUTROFOR programme

The SUTROFOR programme was approved by the Commission in 2006. The EC approval of the second cycle (i.e. MSc level educational programmes) was granted in 2015 with the last students graduating in 2012.

#### 2.1 Basic statistics (application)

Table 1, based on SUTROFOR data, shows the number of applications to the programme and the number of students who have completed the programme. The student body are female, and actually starting their studies in 2006. The quality of applications is high, and the programme is well received by students who complete the programme – data from 2006-12.

Table 1: Overview of number of applications to SUTROFOR, 2006-12

Data	2006
No. of applicants	267
No. of accepted students	23
Percent accepted	8.6%
No. of students graduating	23
Percent drop-outs	0%

Student evaluation of the entire SUTROFOR programme includes questions closely related to the five Dublin Descriptors for the second cycle (i.e. MSc level educational programmes). The Dublin Descriptors are essentially indicators for general skills that students should possess upon completion of an MSc Programme. These are interesting as they allow us to report on student evaluation of SUTROFOR in relation to widely accepted general European indicators. Table 4 below reports the consortium level results for each of the nine provided questions; the official goal of SUTROFOR is to obtain mean scores of at least 4.0 (very good) in each category.

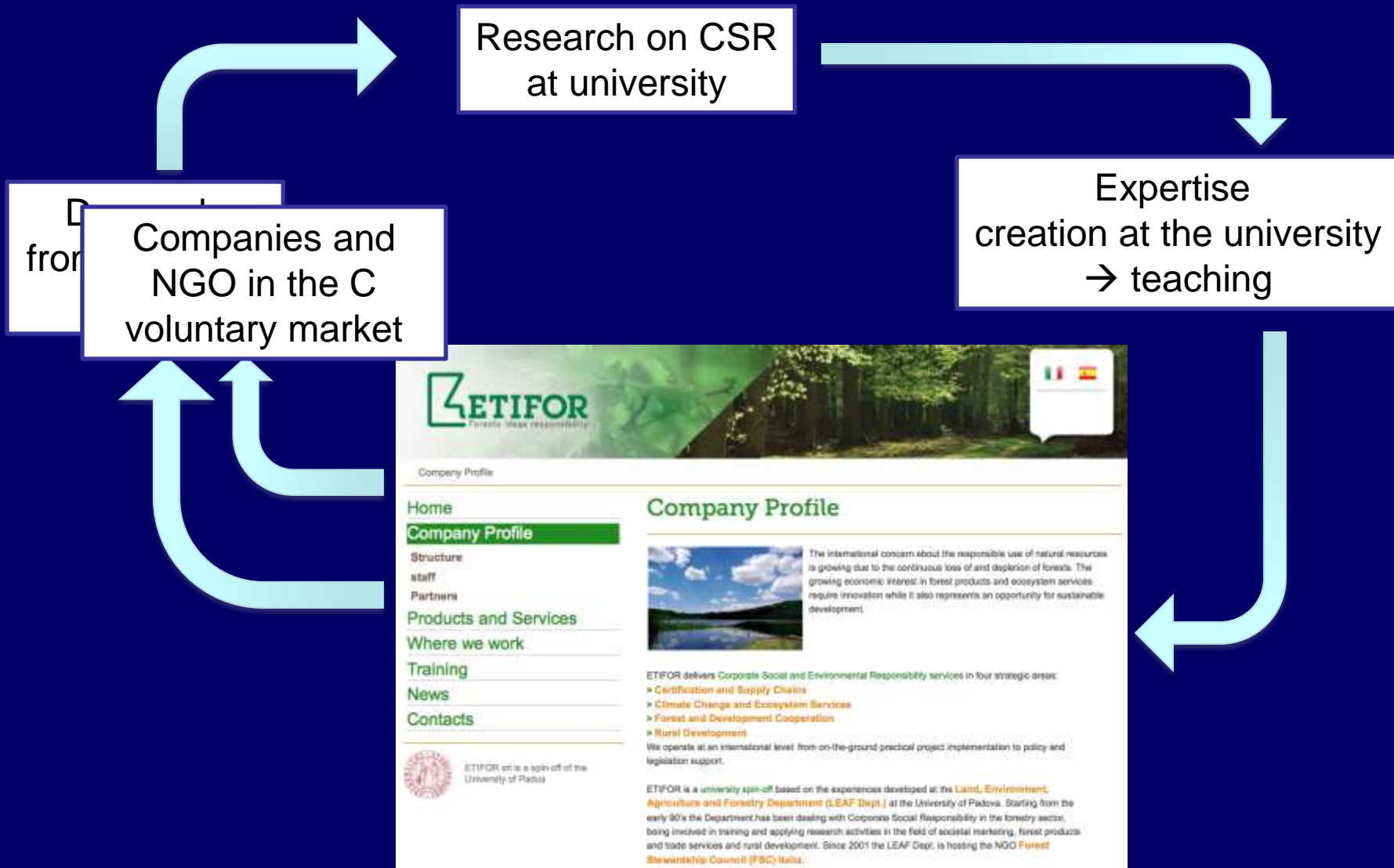
Table 4: Student assessment of the entire SUTROFOR programme using programme adapted Dublin Descriptor questions (scale of 1-5 with 5 being full agreement/excellent)

Nine Dublin Descriptor focused questions	Mean score			Overall mean
	2006-08	2007-09	2008-10 <sup>1</sup>	
1. My two years with SUTROFOR have provided me with knowledge and understanding of key tropical forestry issues (enhancing my Bachelor level knowledge). I can use this to develop and apply ideas, including in a research context.	4.7	4.6	4.5	4.6
2. I can apply my knowledge, understanding and problem solving skills in new or unfamiliar environments to address contemporary issues in tropical forestry. This includes collecting, analysing and evaluating appropriate qualitative and quantitative information and using it creatively.	4.7	4.3	4.5	4.5
3. I have the ability to handle complexity and formulate judgements in relation to contemporary tropical forestry issues characterised by incomplete or limited information.	4.4	4.4	4.0	4.3
4. I am able to reflect on social and ethical aspects of contemporary tropical forestry issues.	4.7	4.5	4.2	4.5
5. I can communicate my conclusions, and the knowledge and rationale underpinning these, clearly, concisely and confidently in spoken and written formats to specialist and non-specialist audiences.	4.7	4.5	4.2	4.5
6. The learning skills I have acquired will allow me to continue to study in a manner that may be largely self-directed or autonomous.	4.9	4.5	4.3	4.6
7. I find the SUTROFOR programme excellent. I do not hesitate to recommend it to others.	4.9	4.6	4.4	4.6
8. The SUTROFOR programme was just like I expected at the time of application.	4.5	3.8	4.2	4.2
9. By completing the SUTROFOR programme, I have become very competitive in the relevant international job market.	4.5	3.9	4.0	4.1

<sup>1</sup> More recent evaluations have not yet been analysed



# An example of the positive loop research-market-teaching-creation of new employment opportunities



# Quality Assurance

## the process of accreditation (international context)

### **ENQA**

The European Association for Quality Assurance in Higher Education disseminates information, experiences and good practices in the field of QA) in higher education to European QA agencies, public authorities and higher education institutions

### **ESG**

Standards and Guidelines for Quality Assurance in the European Higher Education Area

### **EQAR**

The European Quality Assurance Register for Higher Education, established in 2008 to increase the transparency of quality assurance in higher education across Europe

# Quality Assurance the process of accreditation (international context)

ENQA

[www.enqa.eu](http://www.enqa.eu)

ESG

[www.enqa.eu/files/ESG\\_3  
edition%20\(2\).pdf](http://www.enqa.eu/files/ESG_3%20edition%20(2).pdf)

EQAR

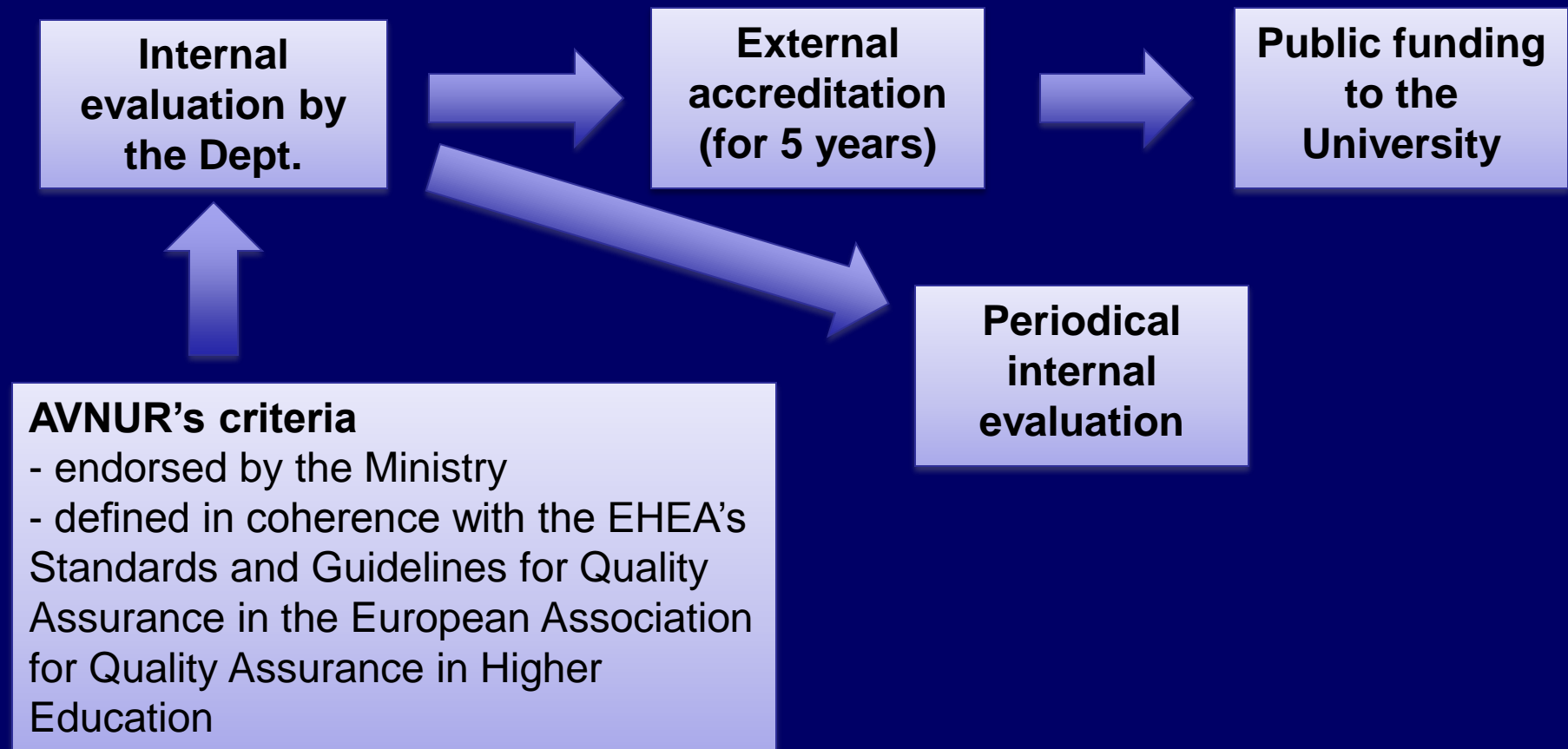
[www.eqar.eu](http://www.eqar.eu)



28 National QA  
Agencies  
registered

# Quality Assurance

the process of accreditation (national system still in progress)



## AVNUR's criteria

- endorsed by the Ministry
- defined in coherence with the EHEA's Standards and Guidelines for Quality Assurance in the European Association for Quality Assurance in Higher Education



## Il sistema AVA



**Accreditamento**

**Valutazione Periodica**

**Autovalutazione**

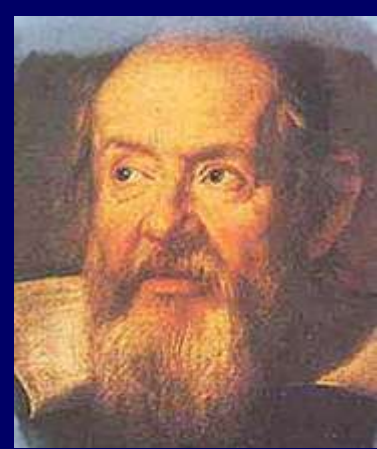
# Conclusion

- From a training aimed to educate the future official of the forest administration (till the '80s) **to a mix of professional profiles:**
  - forest professional working mainly as a self-employed consultant
  - forest officers for many public organizations (NPs, research organizations, ...)
  - forester working in NGOs and companies (wood working, certification, ...)
- In the forestry sector the first cycle (i.e. Bachelor) has only a role of defining a background, solid, scientific basis for the Master: the proposal for the students is 3+2 as **one single co-ordinated program**
- More professional, specific knowledge is acquired in the **2<sup>nd</sup> yr of the Master**
- **Focus on soft skills** (communication, work in groups) and **future learning skills**

- Still very **dynamic, unstable** and not consolidated experiences
- With a continuous process of integration, **challenging problems** to be considered:
  - Problems related to **internal governance**
  - Problems related to **general context of governance**



# Welcome to Padova next May!



## СПАСИБО!



This presentation can be downloaded from: [www.tesaf.unipd.it/pettenella/](http://www.tesaf.unipd.it/pettenella/)