

# ERASMUS MUNDUS



International quality assurance - the Erasmus Mundus experience



# **Erasmus Mundus - objectives**

- ➤ Enhance the quality of European HE through international co-operation
- > Improve the development of human resources
- Promote dialogue and understanding between peoples and cultures
- Promote Europe as a centre of excellence in learning around the world





# **Erasmus Mundus - key elements**

- Action 1 Joint Programmes (including scholarships)
- Action 2 Partnerships (including scholarships)
- > Action 3 Promotion of European HE





### **Erasmus Mundus - joint programmes**

- > Erasmus Mundus Masters Courses (EMMCs)
- > Erasmus Mundus Joint Doctorates (EMJDs)
- > Full-study scholarships for students and researchers of exceptional quality (worldwide)
- > Scholarships for academics to teach on EMMCs





#### An Erasmus Mundus course is...

developed and delivered by a consortium of universities...

located in at least three European countries and...

co-ordinated by a European university (since 2009, non-European universities can be partners)





#### **Erasmus Mundus Masters Courses**

Since 2004, more than 500 universities...

have developed 116 joint masters courses...

attended by over 8000 students and 2000 academics...

in a very wide range of disciplines





#### Erasmus Mundus - thematic disciplines

- > Agricultural and Forestry Sciences
- Architecture, Urban and Regional Planning
- Art and Design
- > Business Studies, Management Science
- Communication and Information Sciences
- > Education, Teacher Training
- Engineering, Technology
- Geography, Earth and Environmental Studies
- > Health Sciences
- > Humanities
- Languages and Philological Sciences
- > Law
- > Mathematics, Informatics
- Natural Sciences
- Social and Cultural Sciences, Economics





# **Erasmus Mundus Quality Assessment**

- ➤ EMQA project started in 2008, second phase in 2009 and third in 2010
- > First EM courses nearing end of 5-year funding period in 2008
- ➤ EM is marketed as an "excellence" programme - aim of EMQA project is to understand the process by which this has been achieved over the life-cycle of an EM course (the "journey to excellence") and identify good practices





### What EMQA is not

- > An evaluation exercise all EM courses are subject to regular monitoring and annual reporting requirements
- ➤ An attempt to impose quality standards on EM courses
- > A new QA framework at European level

Universities are subject to national QA systems





# **Erasmus Mundus Quality Assessment**

- ➤ Project managed by Steering Group (incl. consultants, academic experts, EM course representatives, ENQA, EM alumni, ESN)
- > 12 EM courses (which started in 2004 or 2005) covered in 2008 and 2009 all volunteers
- ➤ Visits to co-ordinator of each course + 2 partners, making 36 visits in total (inclusion of partners allowed for differing perspectives)
- > Selection of courses based on location, discipline







#### Joint European Master in Comparative Local Development

















Erasmus Mundus Master of Mechanical Engineering



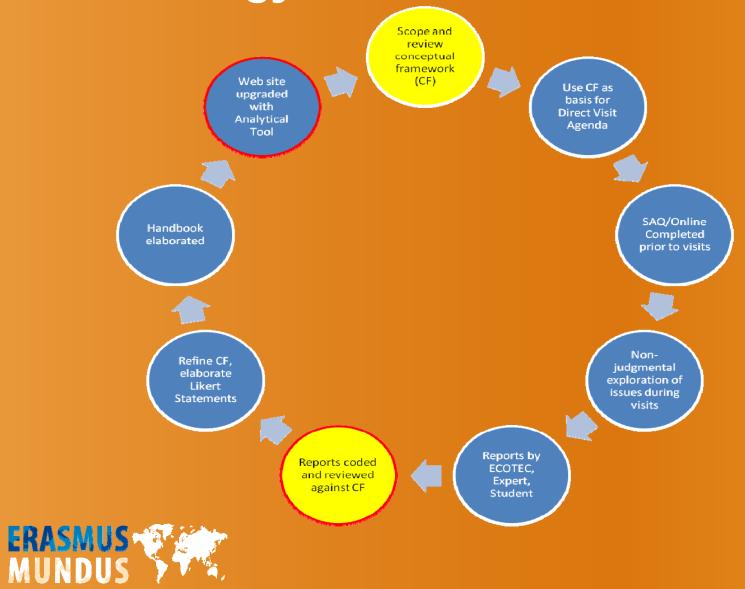


Euro Hydro-Informatics and Water Management





# Methodology





# **EMQA** - the key players

- Visits led by consultants with academic experience
- ➤ Visit team included European Commission or Executive Agency, subject experts, student experts, plus representative of national QA agency where possible
- Received by key actors involved with the course: Academics, Vice-Rectors, International Offices, Libraries, Administrative and Support Staff





#### **EMQA** - the visits

- Prior preparation and self-assessment via questionnaire
- Visits on the basis of confidentiality and openness
- > Celebrate and acknowledge excellence
- ➤ Learn from failures and challenges share non-critically where the course can improve





#### **EMQA** - the visits

- Agenda structured around "Components of Excellence"
- Build trust via an internationally-acknowledged subject expert
- > Build trust via a student with EM experience
- Build trust via academic peers as lead consultants
- ➤ Build trust via Commission staff who affirm the non-judgmental nature of the visit process





#### **Quality of Teaching and Learning (QATL)**









#### Facilities, Logistics and Finance (FLAF)









# Quality of Leadership and Institutions (QUIL)



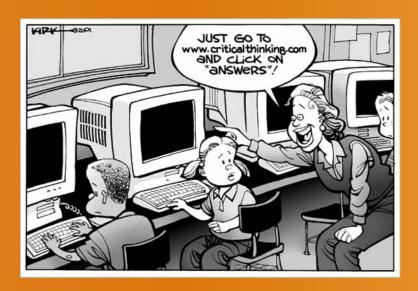






# Joined-Up Practice and Integration (JUPI)









# **Quality of Teaching and Learning**

- > Designing an excellent curriculum
- Communicating course objectives and outcomes
- > Developing student competencies
- > Developing learning skills
- > International learning and working
- > Developing linguistic competencies
- Managing the teaching and learning environment





# **Quality of Teaching and Learning**

- > Research activity and research facilities
- > Consistent teaching practice
- > Entrepreneurship and business skills
- > Internships contributing to student learning
- > Consistent assessment methods
- > Formal course review





# Facilities, Logistics and Finance

- > When students apply to your course
- > Verifying student qualifications
- > Preparing students academically prior to arrival
- > When "third-country" students travel to Europe
- ➤ Introducing students to European academic practice





# Facilities, Logistics and Finance

- When students move between partner institutions
- > Student finances
- > Communicating and consulting with students
- > Benefitting from alumni





### Quality of Leadership and Institutions

- > The highest quality academic team
- Creating a strong course "brand"
- Securing and maintaining institutional commitment
- > International teaching and research
- Continuity and leadership
- > Succession strategies
- > Financial sustainability





# Joined-Up Practice and Integration

- > Selecting students
- > Consortium information system
- > Policy for course fees
- > Division of labour across the consortium
- > A consortium-wide quality assessment process
- Managing the consortium
- > Policy for awarding the master degree



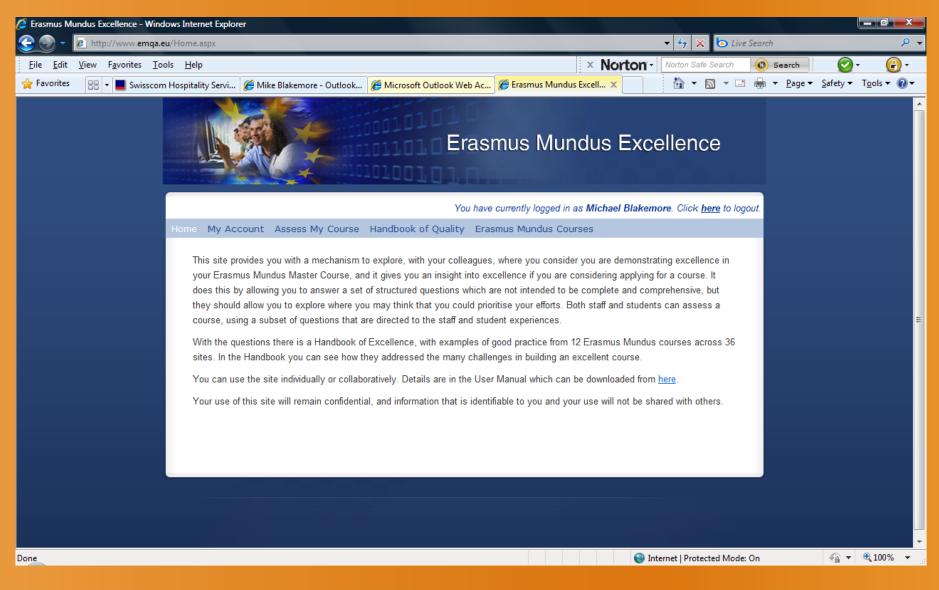


#### **EMQA** - outputs

- Quality Handbook offering guidance to existing or prospective participants
- Online Self-Assessment Tool
- Products based on practical feedback from those who have actually been involved in delivering EM courses
- > EM Excellence website <a href="http://www.emga.eu">http://www.emga.eu</a>

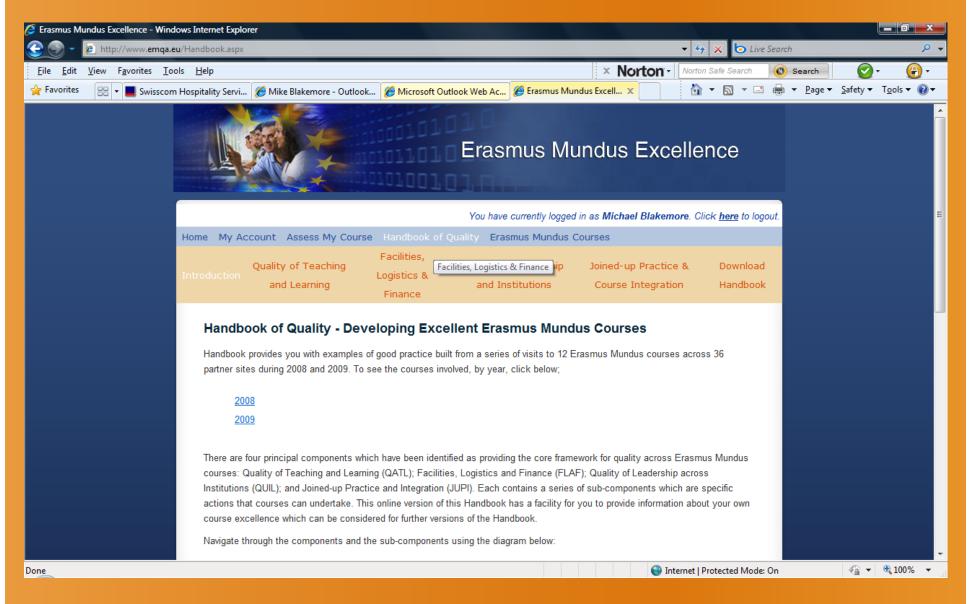






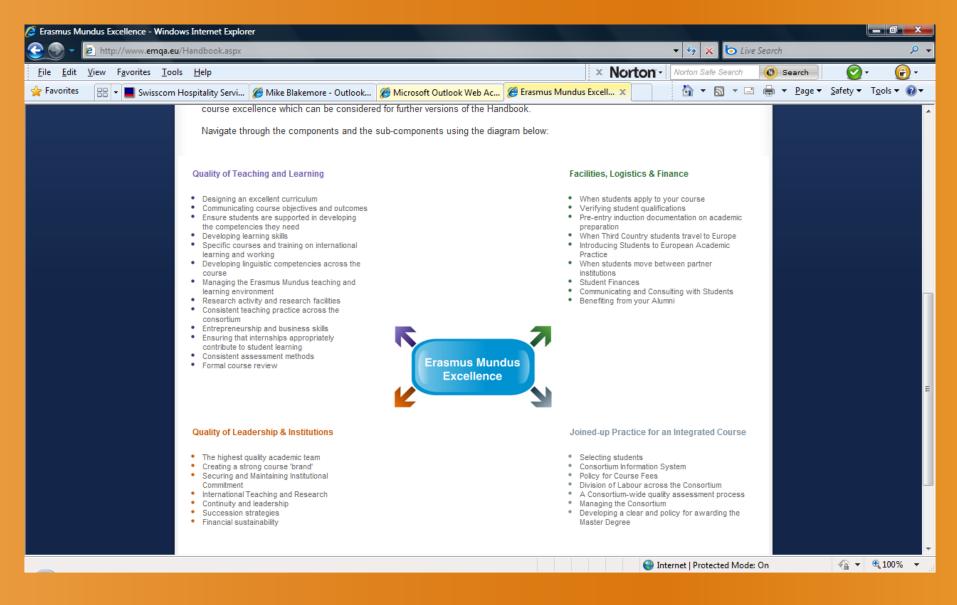






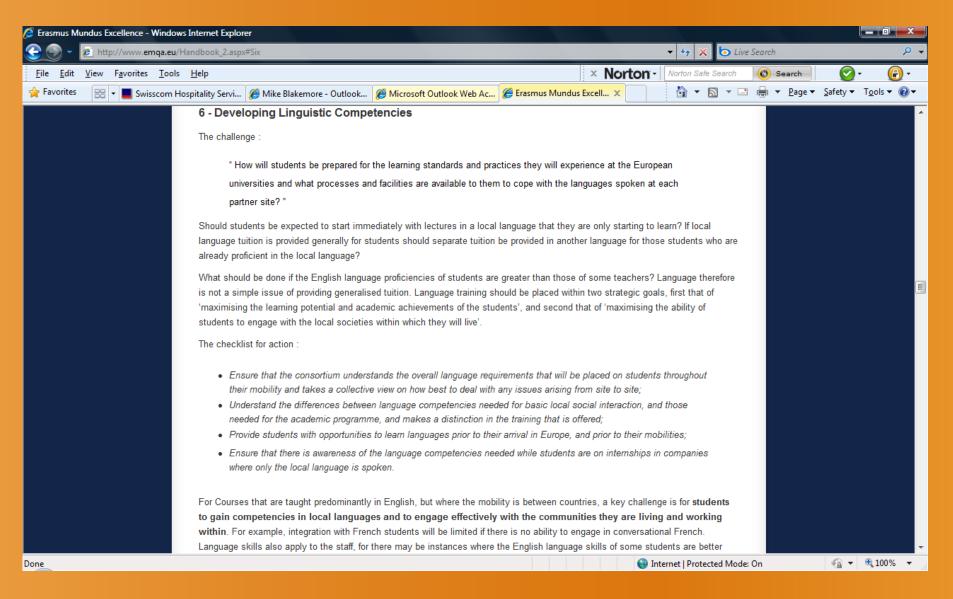














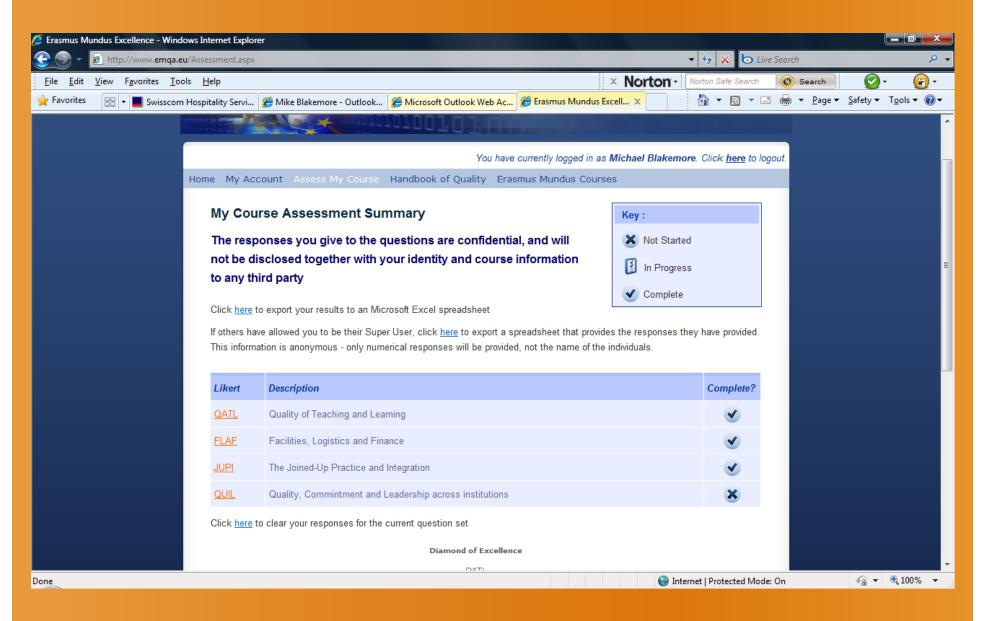


#### **EMQA - Self-Assessment Tool**

- ➤ Allows users to assess their strengths or weaknesses in relation to the "Components of Excellence"
- ➤ Each assessment criterion based on "Likert statements" 5 levels of descriptors
- Courses participate in a collaborative process, building and sharing experience, raising the levels of quality and refining the Tool
- Potential applicants can benefit from learned practice, existing courses can accelerate their quality improvements

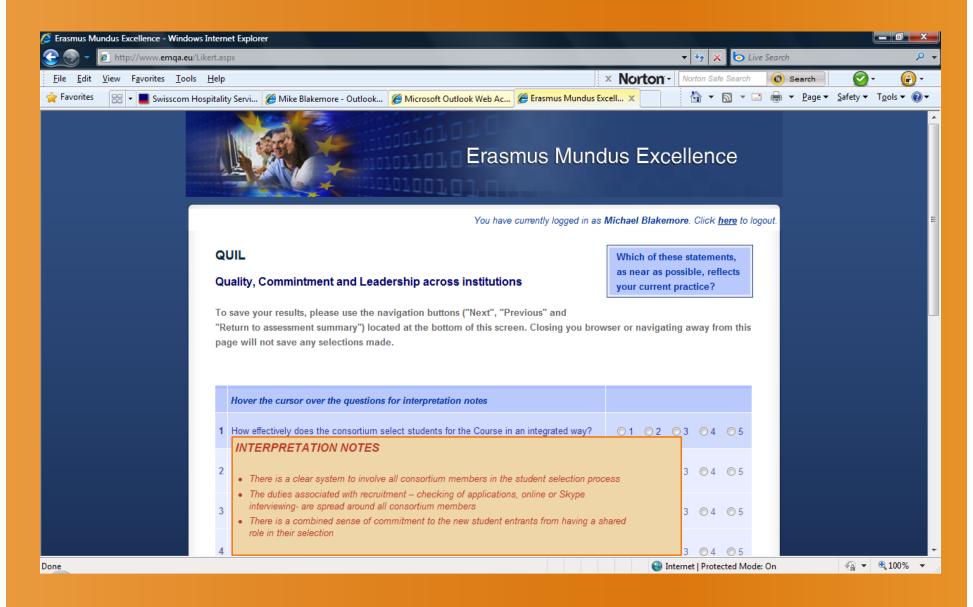






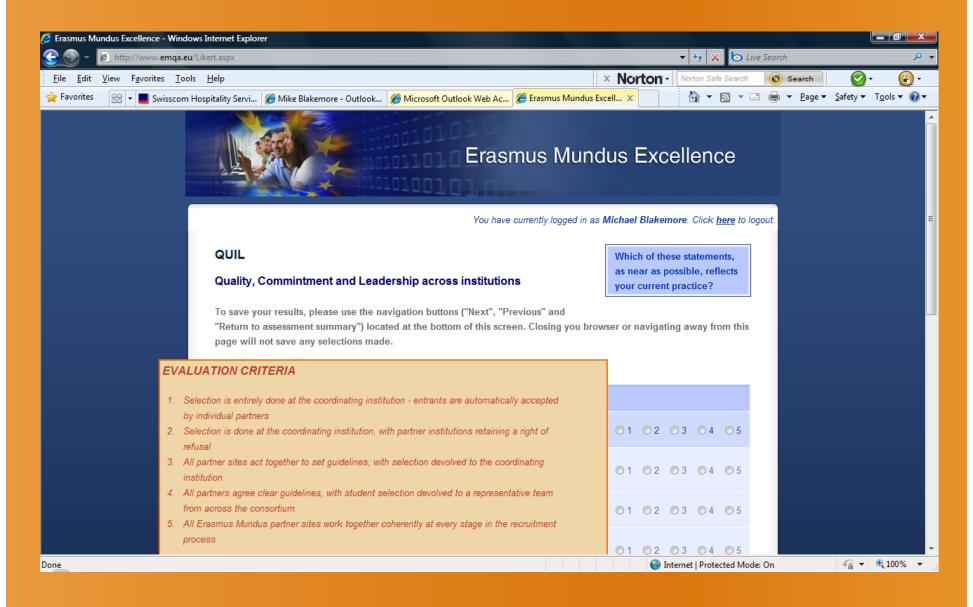














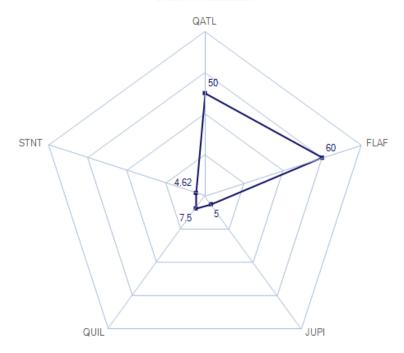


your identity and course information to any third party

3	In Progress
•	Complete

Likert	Description	Status
<u>QATL</u>	Quality of Teaching and Learning	<b>⋖</b>
FLAF	Facilities, Logistics and Finance	V
<u>JUPI</u>	Joined-Up Practice and Integration	3
QUIL	Quality, Commintment and Leadership across institutions	3
STNT	Student Assessment	3

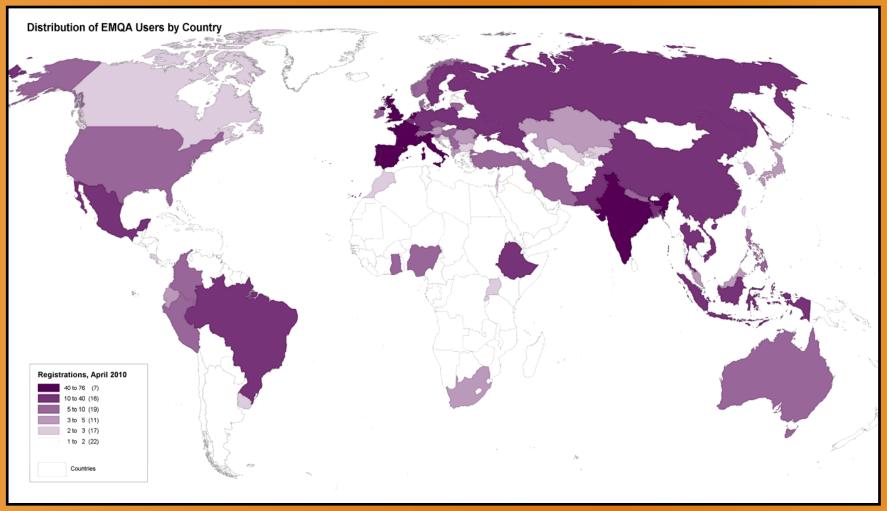
#### Diamond of Excellence





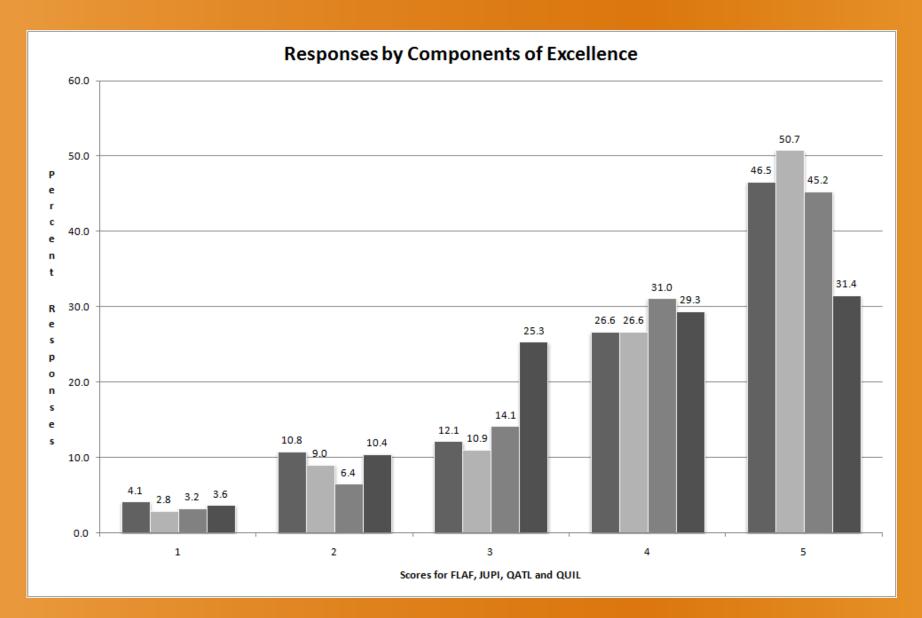


# **EM Excellence Website - registrations**



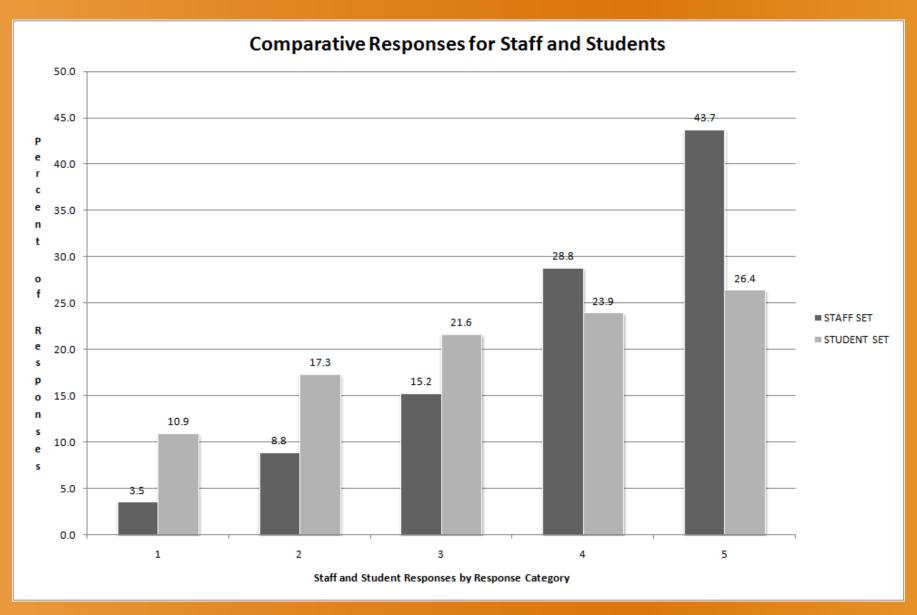
















#### **EMQA** - conclusions

- > Understand better the flexible and innovative nature of EM courses
- Moving towards a process where a course is following a structured set of practices that has been determined as maximising the chance of delivering an excellent course
- ➤ Complementary relationship between national QA systems and EMQA project





#### QAAs

- Authoritative
- Benchmarking
- Uniformity
- Governance Driven

**Dynamic Interaction** 

Continuous dynamic improvement in Quality

#### **EMQA**

- Participatory
- Rich and Diverse
- Continuous
- Non-judgmental





#### **EMQA** - conclusions

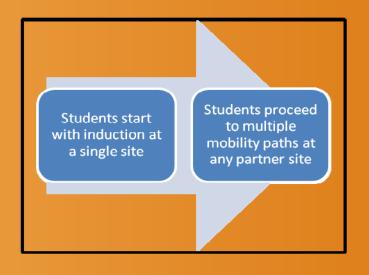
#### Identification of different types of:

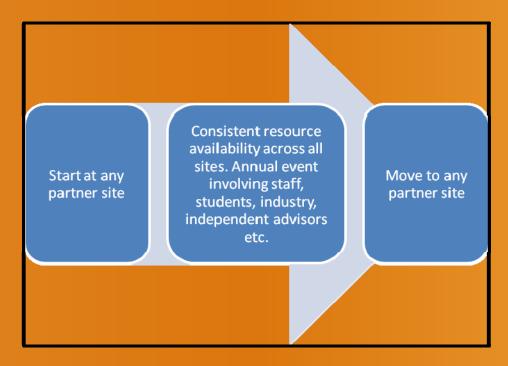
- > Course (in terms of mobility track)
- > Organisational structures
- > Course missions





# Types of course - mobility









### Organisational structures

TYPE 1: Club. Small, family business or club model: close relations of trust dominate in a group of players well known to each other and in regular personal contact. Early stages of development as pre-existing academic links

TYPE 2: Trust-plus Coordinated Network: More coordinated system evolved on top of trust-based Type 1 model. More network logic - with better developed approaches to information exchange, course integration and cross-accreditation while retaining key properties of the original club. More institutionally embedded. Type 1 still present but in a modified form.

TYPE 3: Corporate with Divisions of Function. Move to larger scale with the need for more formal governance structure over and above - but in addition to - elements of club and network. Stronger integration with functional divisions of labour and multi-layered management and sophisticated information systems across participating sites. Strongly embedded as part of institutional missions of partners. Types 1 and 2 still present but in a modified form.





#### Course missions



#### Mission A

- Capacity Building
- With a broad educational mission to evolve quality teaching and learning as the primary objective – generally in professional mode



#### Mission B

- · Research enhancement
- With an aim to develop entrants towards higher (doctoral) level academic aspirations



#### Mission C

- Sector Feeders
- With a distinctive ambition to add significant new cohorts of well trained professionals to an industrial or agricultural sector or a public service branch





#### **EMQA** added value

- > Shared process leading to benefits for all
- ➤ Innovative character of Erasmus Mundus would not have been as apparent via fixed standards
- Exchange of dialogue and best practice EMQA tools not confined to use by EM courses





#### **Future of EMQA?**

- > Third phase in 2010
- ➤ Aim to contribute to long-term sustainability of EM courses
- Further refinement and updating of tools, identification of additional good practices
- ➤ Present EMQA outputs as a support resource to a wider community of quality practitioners (in higher education, among socio-economic actors and elsewhere in the world)



