

## Tuning in the world New Degree Profiles for New Societies 21 November 2012

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Tuning in the world



New Degree Profiles for New Societies 21 November 2012

# Tuning Educational Structures around the World

# An overview of the developments in different regions

### Robert WAGENAAR, University of Groningen





# WHY Tuning? A reminder...

- Give academics a key role in the process of reforming Higher Education structures and its degree programmes and qualifications
- Develop one language understood worldwide by all stakeholders
- Involve stakeholders in the process of curriculum design and enhancement
- Respect diversity and promote flexibility





# **TUNING: What is in it for the student?**

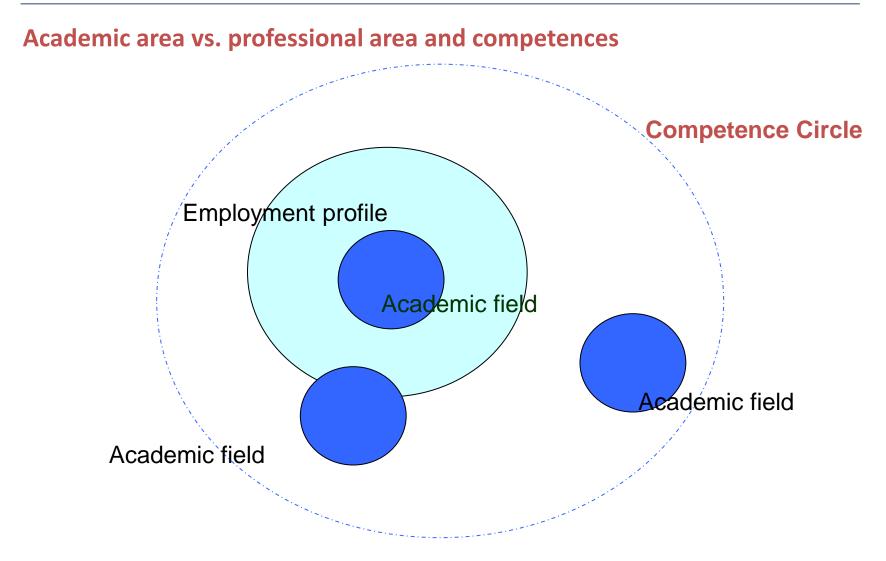
### Learner-centred degree programmes:

- Structured and transparent
- Optimum set of generic and subject specific competences
- > High quality and Learning Outcomes based
- > Better employable
- Prepared to take (social) responsibility
- Personal development
- Facilitate mobility and recognition



# **Role of Employment**







- Better motivated students and successful graduates
- Effective models for staff cooperation, coordination and dialogue
- Full participation in quality assurance discussions nationally and internationally





Tuning in the world

New Degree Profiles for New Societies

# **TUNING:** What is in it for the Higher Education Institution?

- Attractive degree programmes based on (international) reference points
- Robust methodology for designing, implementing and enhancing degree programmes
- Competitive approaches for TLA
- Effective structures for student mobility and recognition of studies
- Full participation in the (inter)national (political) debate on HE reforms

Education and Trainina



- > High quality, cost-effective state-of-the-art degree programmes
- Highly employable graduates (right set of skills and wider competences)
- Graduates well aware of the social needs of society
- Full involvement of HE institutions in social and economic local, regional and (inter)national debates (no ivory tower)

Trainina



# Set of practical TOOLS for academics / institutions to implement a three cycle system:

- a. A methodology to design / enhance, deliver student centred degree programmes (for all three cycles) based on the Competences and Learning Outcome approach
- b. Meta-profiles for a growing number of Sectors and Subject Areas
- c. A Guide to formulating degree programme profiles. Including Programme Competences and Programme Learning Outcomes
- d. A methodology to calculate workload based credits
- e. A platform for academics to discuss the implications of higher education reforms

And much more ....

TT-



## The World before Tuning

X





TUNING AREA	OCTAVES	POINTS	SCORE %	PTS. CONVERSION
1. PITCH	A49	0	100	100-10XPTS
2. TEMPERAMENT	Temp't	0	100	100-2.5XPTS
3. MIDRANGE	3,4	2	97	100-1.5XPTS
4. BASS	1,2	2	98	100-POINTS
5. TREBLE	5,6	8	92	100-POINTS
6. HIGH TREBLE	7	2	98	100-POINTS
7. STABILITY	3,4	0	100	100-4XPTS
8. UNISONS	3.4	8	100	100-2XPTS

17-

Phase 2 2003-2004

5

**Enlarged European Union 1** 

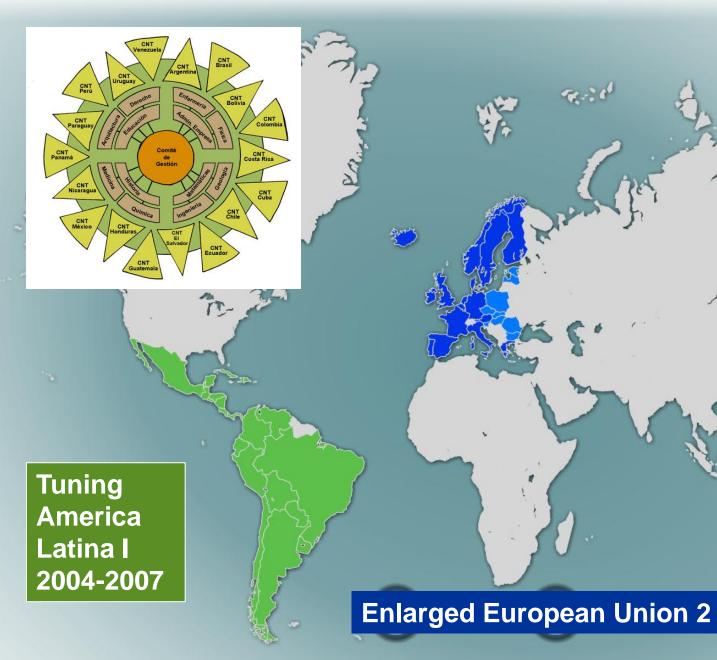
F. .: 6





Tuning coordinators receive







# Phase 3 2005-2006 F. .: 6 **EU neighboring countries**





valuation, higher education, study programme course, levels, credit, module, cycles, degree, profile

edit transfer and accumulation system. levels credit, module, cycles, degree, profile.

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**Tuning Educational Structures in Europe** 

Julia González and Robert Wagenaar

Socrates - Tempus





Tuning Tuning Educational Educational Structures Structures in Europe in Europe Der Seitrag Contribution der des Hochschulen Universités zum Bolognaau Processus Prozess de Bologne **Eine** Einführung Une: introduction Universities' contribution to the Bologna Process: An Introduction 明石書店

Вклад универси в Болон

процесс

Настрой образоват структур в Европе

Введен в проек

... Education and Culture

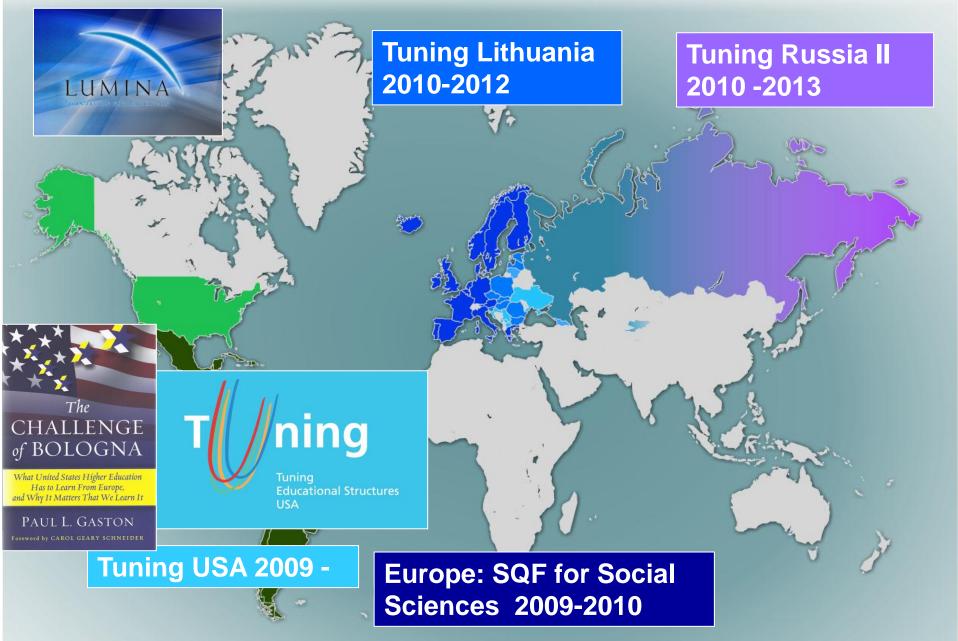
Tempus

ning

### 欧州教育制度のチューニング ボローニャ・プロセスへの大学の貢献

ジュリア・ゴンザレス/ロバート・ワギナー (##) 深堀聰子/竹中 亨 【訳】





Tuning Educational Structures

6

### Questioning the "Tuning" project

Posted on March 14, 2012 by briann



attention to education.

However, as hopeful as we are about the project's benefits, we also recognize that global capitalism and the current recession are restructuring higher education, especially in public institutions which face increased government scrutiny at the same moment that public funding is declining. Given this volatile context, it is important to look beyond the immediate pedagogical goals and raise questions about possible consequences of the Tuning project, be they intentional or not. In that spirit, we pose the following questions:

The Connecticut Coordinating Committee for the Promotion of History (CCCPH) has followed the AHA's announcement of the "Tuning" project to establish core competencies in history with great interest. We believe this project will provide faculty with the time and resources to reflect on the essential skills of history and applaud the AHA's Got a question? info@iebcnow.org

Tuning Europe | Tuning Russia | Tuning Latin America

### Library

**News & Events** 

Contact Us

Tuning is a faculty-driven process that identifies what a student should know and be able to do in a chosen discipline when a degree has been earned - an associate's, bachelor's or master's. The process is designed to make higher education outcomes more transparent to all stakeholders, including students, employers, and parents, and to ensure the quality of degrees across institutions. Tuning has been utilized to help students understand expectations and to facilitate transfer and articulation among institutions. In the United States, the Institute for Evidence-Based Change (IEBC) is facilitating implementation of the Tuning process. Tuning has been funded by Lumina Foundation and the William and Flora Hewlett Foundation.

© 2012 Tuning USA. All Rights Reserved. Mailing Address: 120 North Auburn Street, Suite 100, Grass Valley, CA 95945| Phone: 🕮 🕇 530-477-7313 👀





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What is Tuning? Background Aims and objectives Lines Tuning Russia Tuning Europe Tuning Publications Contacts

Password

Remember Me

Forgot your password? Forgot your username? Tuning Educational Structures in Europe

TUNING Educational Structures in Europe started in 2000 as a project to link the political objectives of the Bologna Process and at a later stage the Lisbon Strategy to the higher educational sector. Over time Tuning has developed into a **Process**, an approach to (re-)designing, develop, implement, evaluate and enhance quality first, second and third cycle degree programmes. The Tuning outcomes as well as its tools are presented in a range of Tuning publications, which institutions and their academics are invited to test and use in their own setting. The Tuning approach has been developed by and is meant for higher education institutions.

The name Tuning is chosen for the **Process** to reflect the idea that universities do not and should not look for uniformity in their degree programmes or any sort of unified, prescriptive or definitive European curricula but simply look for points of reference, convergence and common understanding.

The protection of the rich diversity of European education has been paramount in Tuning and in no way seeks to restrict the independence of academic and subject specialists, or undermine local and national authority.

Tuning focuses not on educational systems, but on educational structures with emphasis on the subject area level, that is the content of studies. Whereas educational systems are primarily the responsibility of governments, educational structures and content are that of higher education institutions and their academic staff.

As a result of the Bologna Process the educational systems in all European countries are in the process of reforming. This is the direct effect of the political decision to converge the different national systems in Europe. For Higher Education institutions these reforms mean the actual starting point for another discussion: the comparability of curricula in terms of structures, programmes and actual teaching. This is what Tuning offers. In this reform process the required academic and professional profiles and needs of society (should) play an important role.



Tuning in the world



New Degree Profiles for New Societies

# **Tuning Russia**

### Main objectives:

- Reference points and level descriptors (meta-profiles) for nine subject areas (Economics and Management, Ecology, Education, Environmental Engineering, Law, Information and Telecommunication Technologies, Languages, Tourism and Social Work)
- Establishment of Tuning Centre's
- Framework for the application of the Tuning approach in teaching and learning environments: designing of degree profiles according to meta-profiles
- Stakeholders survey and Student workload survey



Tuning EU – CANADA feasibility study / HEQCO – Tuning Project 2011-2012 Europe: SQF for the Humanities and the Performing Disciplines 2010 -2012

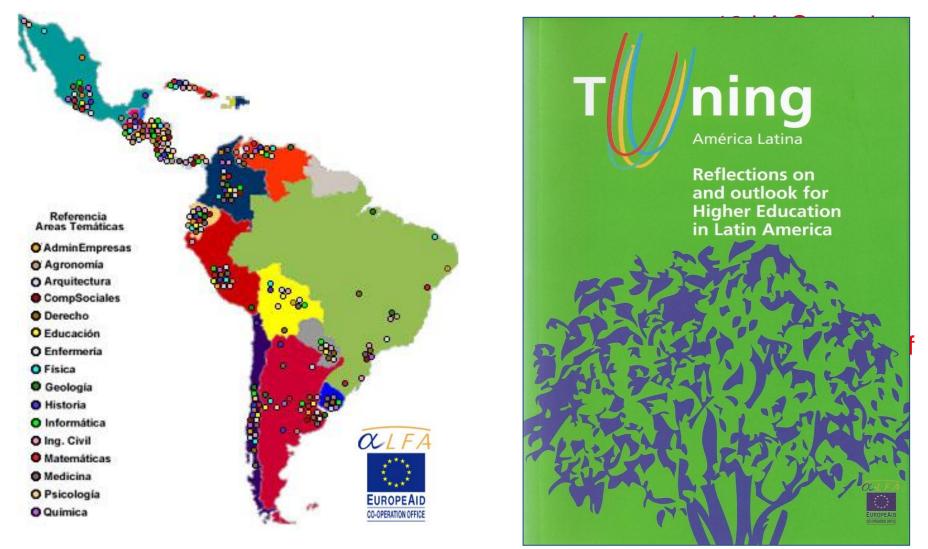
### Tuning America Latina II 2011-2013

### Tuning EU-AUSTRALIA feasibility study 2010-2011

# **Tuning Latin America**



### **Countries and fields**





CULFA

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### Proyecto Tuning Antecedentes Objetivos Resultados Estructura Participantes Areas Temáticas Competencias Reuniones Publicaciones Tuning AL (2004-2007) Tuning Europe Intranet Contactos

### PROYECTO TUNING



Alfa Tuning América Latina: Innovación Educativa y Social (2011-2013) busca continuar con el debate ya iniciado con la primera parte de este proyecto llevada a cabo de 2004-2007. El eje de la discusión parte de los logros alcanzados en las distintas áreas temáticas en la 1ra etapa, para seguir "afinando" las estructuras educativas de América Latina a través de consensos, cuya meta es identificar e intercambiar información y mejorar la colaboración entre las instituciones de educación superior para el desarrollo de la calidad, efectividad y transparencia.

Es un proyecto independiente, impulsado y coordinado por Universidades de distintos países, tanto latinoamericanos como europeos. Participan más de 230 académicos y responsables de educación superior de Latinoamerica (Argentina, Bolivia, Brasil,

Colombia, Costa Rica, Cuba, Chile, Ecuador, El Salvador, Guatemala, Honduras, México, Nicaragua, Panamá, Paraguay, Perú, Uruguay y Venezuela) y Europa (Alemania, Bélgica, Dinamarca, Eslovenia, España, Francia, Grecia, Irlanda, Italia, Lituania, Países Bajos, Portugal y Rumania). Conformados en 16 redes de áreas temáticas y 1 una red de Responsables de Política Universitaria.

#### NOTICIAS

Están disponibles las presentaciones realizadas en la **3ra Reunión General** del Proyecto, del 2 al 4 de Mayo 2012, Santiago de Chile (Chile).

Están disponibles las presentaciones realizadas en la **2da Reunión General** del Proyecto, del 16 al 19 de Noviembre 2011, Ciudad de Guatemala (Guatemala).

Están disponibles las presentaciones realizadas en la **1ra Reunión General** del Proyecto, del 18 al 20 de Mayo 2011, Bogotá (Colombia).

# Tuning Latin America **Expected Outcomes**



Outcome 1: Competenced-based Academic-Profesional Profiles for the 15 thematic areas

Outcome 2: Reflections on Sectorial Frameworks for 4 sectors

Outcome 3 Proposal for a system of analysis to anticipate emerging professions in society and the competences they required

Outcome 4 Model for social university innovation with the dimensions and competences required for its evaluation **Outcome 5** 

Common strategies for the evaluation and teaching and learning of the competences Outcome 6: Political-and educational orientations for the establishement of a system of academic credits for Latin America

**Outcome 7:** 

Common strategies for the measurement of the volume of the students workload and its relationship with Learning outcomes

AL Credit System





# **Tuning EU-US study** 2011-2012 (EC-Lumina initiative) **African Higher Education Harmonization and Tuning Project (Tuning Africa) 2011-2012**

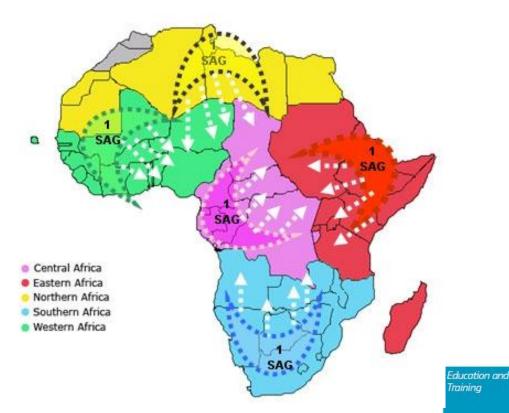


Tuning in the world



New Degree Profiles for New Societies 21 November 2012

# **Tuning Africa**



### Fields of study

- ✤Medicine– North Africa
- Mechanical Engineering– Central Africa
- Civil Engineering– Eastern Africa
- Agriculture– Western Africa
- Education– South Africa

Regional specialisation open to the whole Continent



Education and Training

Tuning in the world



New Degree Profiles for New Societies

21 November 2012

### **Tuning Africa**

### Participants:

 All countries: 33
No of universities: 60
Regional organizations
African Union Commission

### Key objectives:

- Pan-African Union Project
- Enhance quality of education (employability and citizenship)
- Foster mobility within Africa (recognition !)
- Discourage mobility outside (prevent brain drain)
- Harmonization of systems and structures







### 🚺 💥 🛛 search...

#### Tuning Africa

Background

Feasibility study

Objectives and

expected results

Meetings

Participants

Links

Call for participation Intranet

### TUNING AFRICA

The African Higher Education system is undergoing a tremendous transformation process. This includes a number of national, regional and continental initiatives among which are the Nyerere mobility Scheme, the African Higher Education Harmonization and Quality Assurance programme, the Pan African University. However, at institutional level, reform is underway in all countries.

One transformation initiative which links institutional, national, regional, continental and international endeavours is the African Higher Education Harmonization and Tuning Project (Tuning Africa), which is part of the Africa-EU strategic partnership. This uses an internationally established methodology to enhance degree comparability, graduate mobility and employability.

Tuning is a collaborative, consultative process involving academics working in subject groups with employers and other stakeholders in curriculum development to enhance student competences. Tuning projects in higher education have been successfully completed in over sixty countries around the world. Tuning projects help to:

- improve staff capacity to design and develop curricula
- provide opportunities for generation of additional resources
- support effective and productive networking.

Tuning Africa will run over 18 months. There will be 5 subject areas open to all African degreeawarding higher education institutions but each led by a region as defined in the Feasibility Study report of April 2011:

- Medicine Northern Africa
- Teacher Education Southern Africa
- Agriculture Western Africa

### VISIT COUNTER

### 113460

Call for participation in a New Project TUNING AFRICA.

-Why participating in the project?

-Procedure for Application

DEADLINE: November 26th, 2011



Tuning Thailand 2012 - 2013



Kazakhstan Kyrgyzstan Tajikistan Turkmenistan Uzbekistan

Towards a Central Asean Higher Educational Area (TuCAHEA) 2012-2015



CONTACTS



HOMEPAGE RUSSIAN

### Partners

### PROJECT LEADER PROJECT COORDINATOR EUROPEAN UNION KAZAKHSTAN KYRGYZSTAN TAJIKISTAN TURKMENISTAN UZBEKISTAN

#### The Project

TuCAHEA's full title is "Towards a Central Asian Higher Education Area: Tuning Structures and Building Quality Culture". It is a Tempus Structural Measures project which will run from 15 October 2012 to 14 October 2015. There are 47 partners, including 8 European Union Universities, 34 Central Asian Universities, and the Ministries of Education of the five partner countries (Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan.

TuCAHEA's broad aim is to contribute to building a Central Asian Higher Education Area [CAHEA], aligned with the European Higher Education Area [EHEA], able to take into account and valorise the specific needs and potentials of the Region and of the partner countries, thus responding to the needs of the higher education community and society at large.

Building on the Tuning methodology developed worldwide by academics in collaboration with

#### News

#### TuCAHEA Meeting in Brussels



TuCAHEA Organizational meeting in Brussels, 20, 22 November 2012

The TuCAHEA Core Group, formed of the Project leadership and coordination teams (Robert Wagenaar, Katherine Isaacs, <u>read</u> <u>more...</u>

#### Worldwide Tuning Conference



### **The Tuning Process**

European Commission and the Bologna Process website

Official Bologna Process website

Bologna Process Implementation Report 2012 pdf

Standards and Guidelines for Quality Assurance in the EHEA <u>pdf</u>

Qualifications Framework for the European Higher Education Area <u>pdf</u>

Tuning Guide to Designing Competence-Based Degree Profiles <u>pdf</u>

Competence-based learning pdf

Tuning Educational Structures in Europe <u>website</u>

Tuning Latin America website

Tuning Africa website

Tuning Russia website

Tuning Kyrgyz Republic website

Tuning Georgia ppt

Tuning USA website

RHUSTE Tuning Human Sciences in

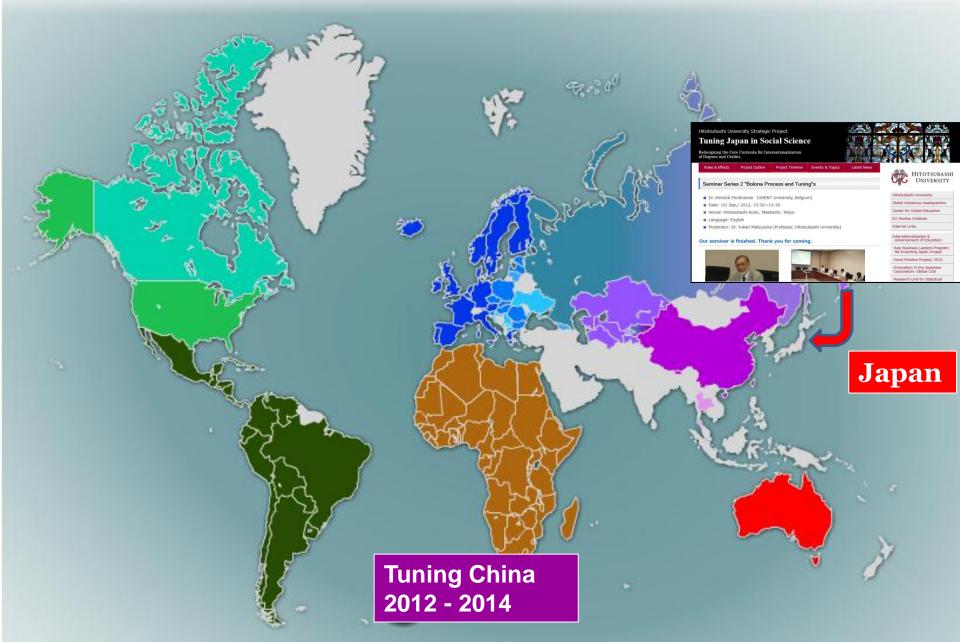


# Key objectives:

- Contribute to building a Central Asian Higher Education Area (CAHEA)
- Extend the use of competence-base quality tools based on the Tuning approach
- Produce reference points / meta-profiles on the basis of wide-scale consultations for a range of subject areas
- Developing premises for a CA Qualifications Framework and Credit System (as part of the CAHEA)







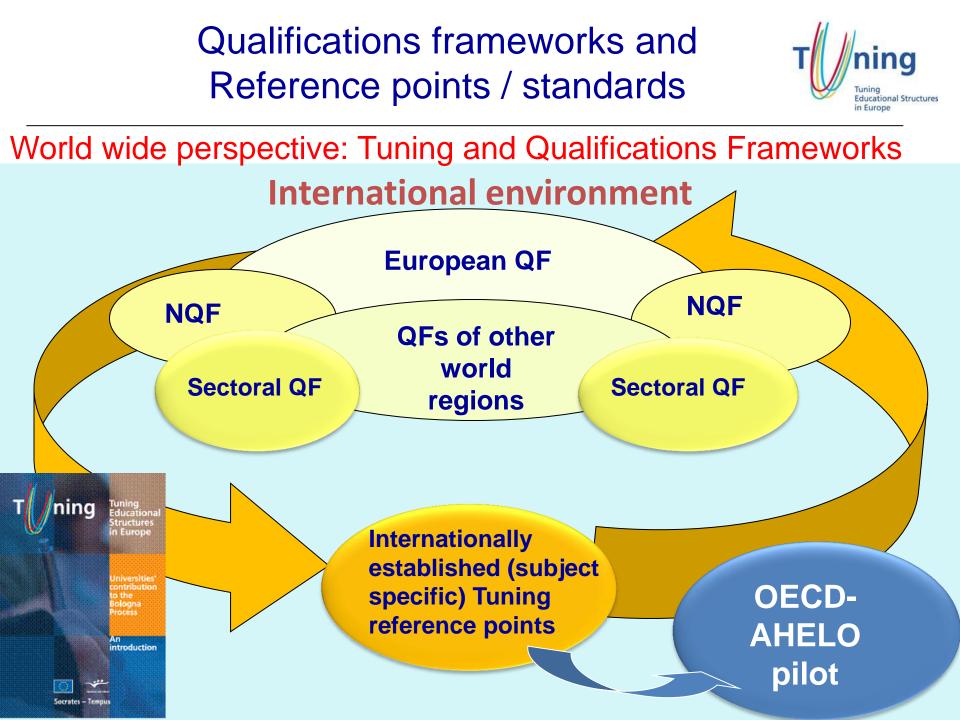


From Subject Area Reference Points (Standards) to overarching Qualifications Frameworks

From Subject Area Reference Points (Standards) to Sectorial Qualifications Frameworks

The role of TUNING





# **Tuning Subject Area Meta-Profile publications ...**





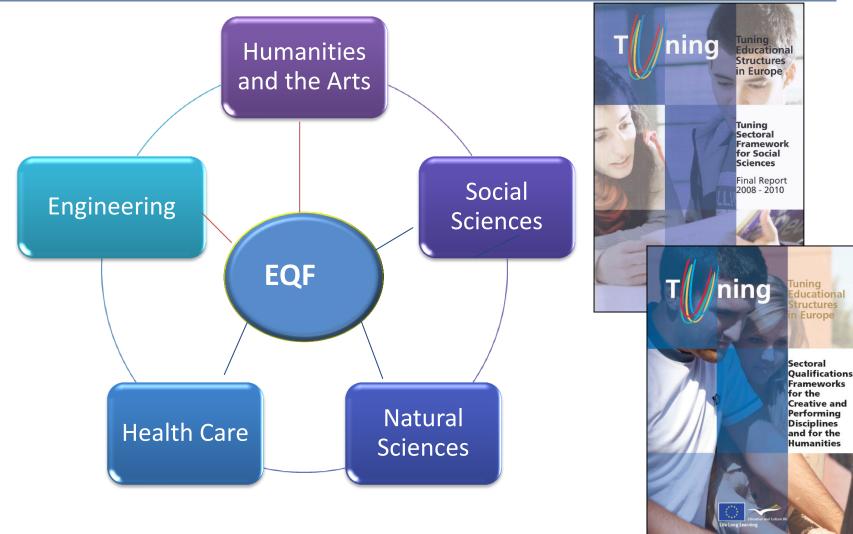
Other subject area brochures: **Business Administration**, Educational Sciences, **Gender Studies**, History, Mathematics, Nursing, etc.

Recent publications: Art History, Linguistics, Literature and Culture, Theology and Religious Studies.

Also published: Tuning AHELO conceptual frameworks for Economics and Engineering (first cycle)

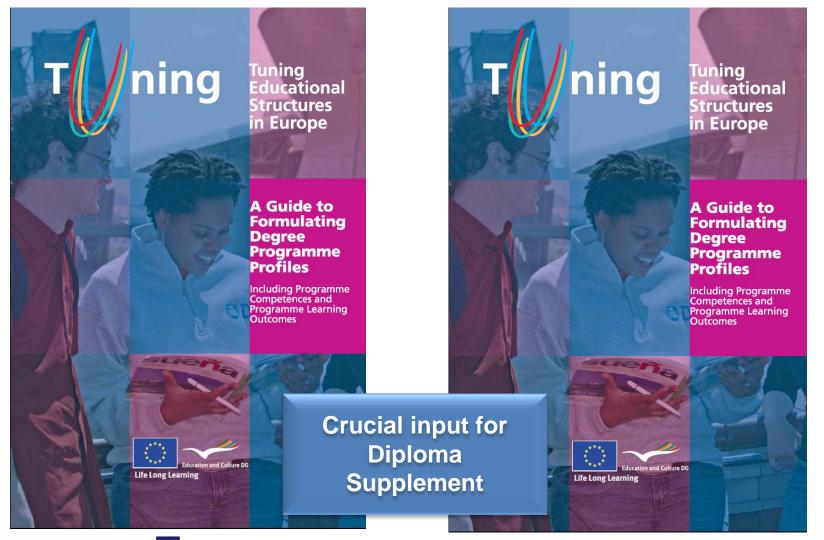
### **Role of Tuning Sectorial Qualifications Frameworks**





# A Guide to Formulating Degree Program Profiles











BEING PART OF A VERY SUCCESSFUL GROWING TUNING FAMILY .....

HAVING THE PRIVILEGE OF WORKING TOGETHER ON THE ENHANCEMENT OF A WORLD HIGHER EDUCATION AREA.....

(With full help and support of the European Commission of the EU and all other supportive organisations )









Tuning in the world





21 November 2012

Over to Julia .....

Education and Training