

# Tuning and Global Mobility:

Globalization, knowledge-based economy,  
and the emerging role of higher education

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# Globalization, knowledge-based economy, and the role of higher education

- Globalization and the development of knowledge-based economy are closely associated. (Audretsch 2000, Dunning 2000)
- Higher education is expected to be a main actor in the knowledge-based economy. (Johnston and Marcucci 2010)
- Globalization, Knowledge-based economy, and growing demand for higher education have been taking place simultaneously. (Olssen and Peters 2005)
- Universities are now a "Key Driver" of knowledge-based society, and a "Star Ship" for economic policy for nations in the world. (Olssen and Peters 2005)
- Meanwhile, movement of students, scholars and other skilled or potentially skilled individuals have been increasing.
  - \*In the 2000<sup>th</sup>, 80% increase in the number of foreign students
  - \*Foreign students in graduates school increased from 17.5% to 21.1% in five years

➤ Universities as a **GATEWAY** for the mobility of knowledge, skills and technologies.

## Two-step migration

	Number of Status Change	% of stay (%)	Reason for change		
			work	family	other
			(% )		
Australia	200	18.0	—	—	—
Belgium	280	—	66	17	17
Canada	10 010	14.7	76	20	4
France	14 680	27.4	56	39	5
Germany	10 180	29.5	46	47	7
Japan	10 260	19.8	100	—	—
Neitherland	1 010	15.0	65	34	1
Norway	660	22.5	80	18	2

# International migrant stock (millions)

	1990	2000	2010	2013
World	154.2	174.5	220.7	231.5
Developed regions	82.3	103.4	129.7	135.6
Developing regions	71.9	71.1	91	95.9
Africa	15.6	15.6	17.1	18.6
Asia	49.9	50.4	67.8	70.8
Europe	49	56.2	69.2	72.4
Latin America and the Caribbean	7.1	6.5	8.1	8.5
Northern America	27.8	40.4	51.2	53.1
Oceania	4.7	5.4	7.3	7.9

*Source: United Nations (2013), Trends in International Migrant Stock: The 2013 Revision.*

# Mori Arinori Center for Higher Education and Global Mobility

- Established April 2015 with a key mission to conduct comprehensive research on higher education and global skills mobility.
- The center also develops and promotes policies and actions that facilitate quality-centered students and scholastic mobility
- Both activities are to promote inter-institutional mobility among universities in the world.
- Working with institutional and research network in Asia, Europe, and America, the center aims to promote joint research projects, academic exchange, cooperative programs that would result in double and/or joint degrees

# Research Agenda

- Global Curriculum development and alignment
  - TUNING
- Other study on learning and teaching
- University Funding system in an age of global mobility
- Transition from school to labor market in an age of global mobility
- Physical mobility and virtual mobility (Significance of MOOCs)
- Governance that facilitates or impedes mobility

# Research Agenda

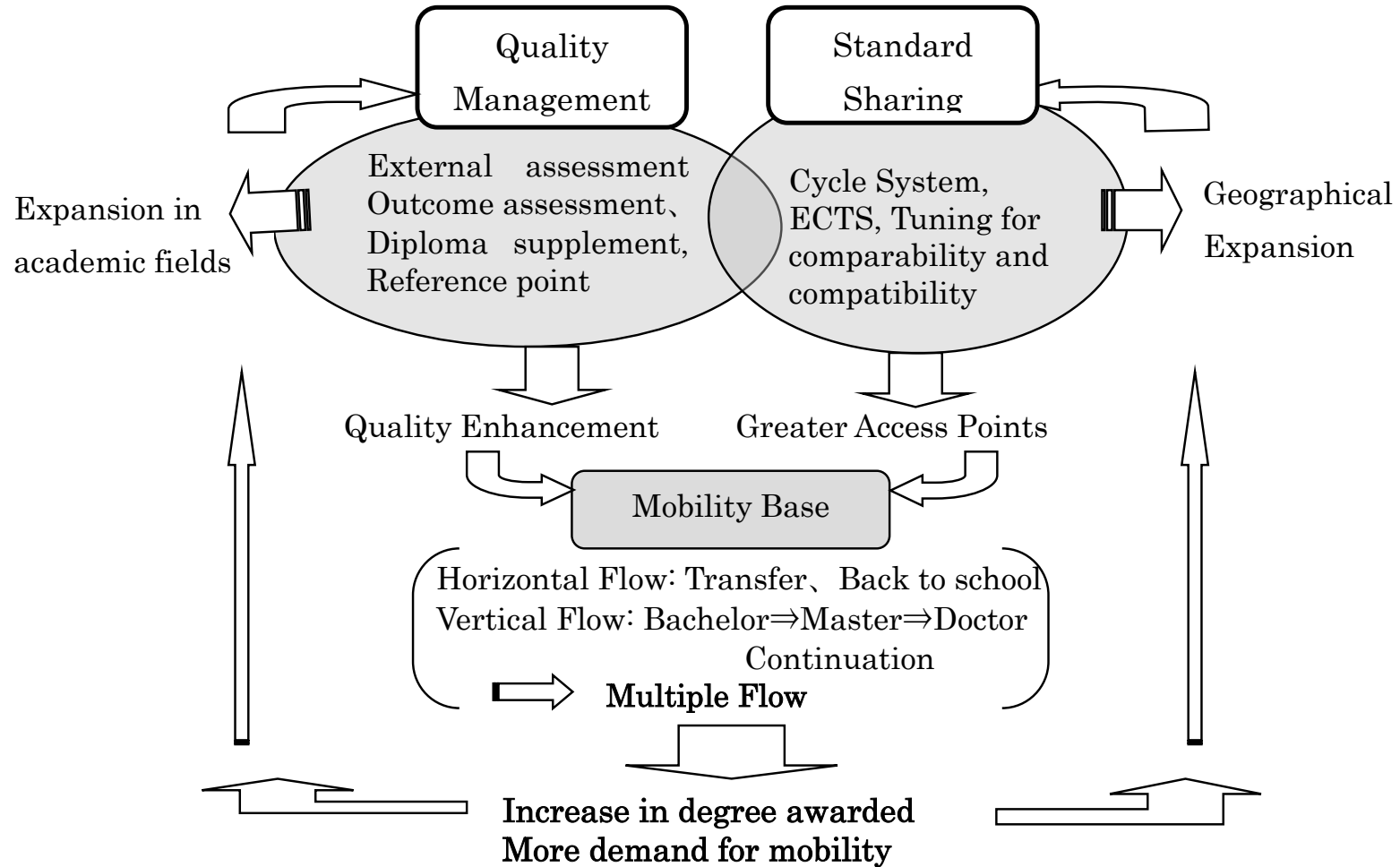
## Focusing on TUNING

TUNING: The process to align learning contents, assessment methods, competences that would be acquired by students, and the learning outcome, among universities like “tuning” musical instruments.

- An initiative that supports and promotes mobility and quality enhancement in education.
- Tuning enables universities to create transparent, transferable and comparable credit and degree systems, which is essential to ensure the academic significance of the increasing opportunities for studying abroad and academic exchange
- Tuning thus widens opportunities for students who want to study abroad or at another university within a country, and gives more choices for people already employed but who seek to further develop their knowledge and skills.
- Tuning also offers a platform for steadily increasing double and joint degrees.
- These are possible through firm and quality academic partnership among universities in Asia and then with universities in the world

# Rationale

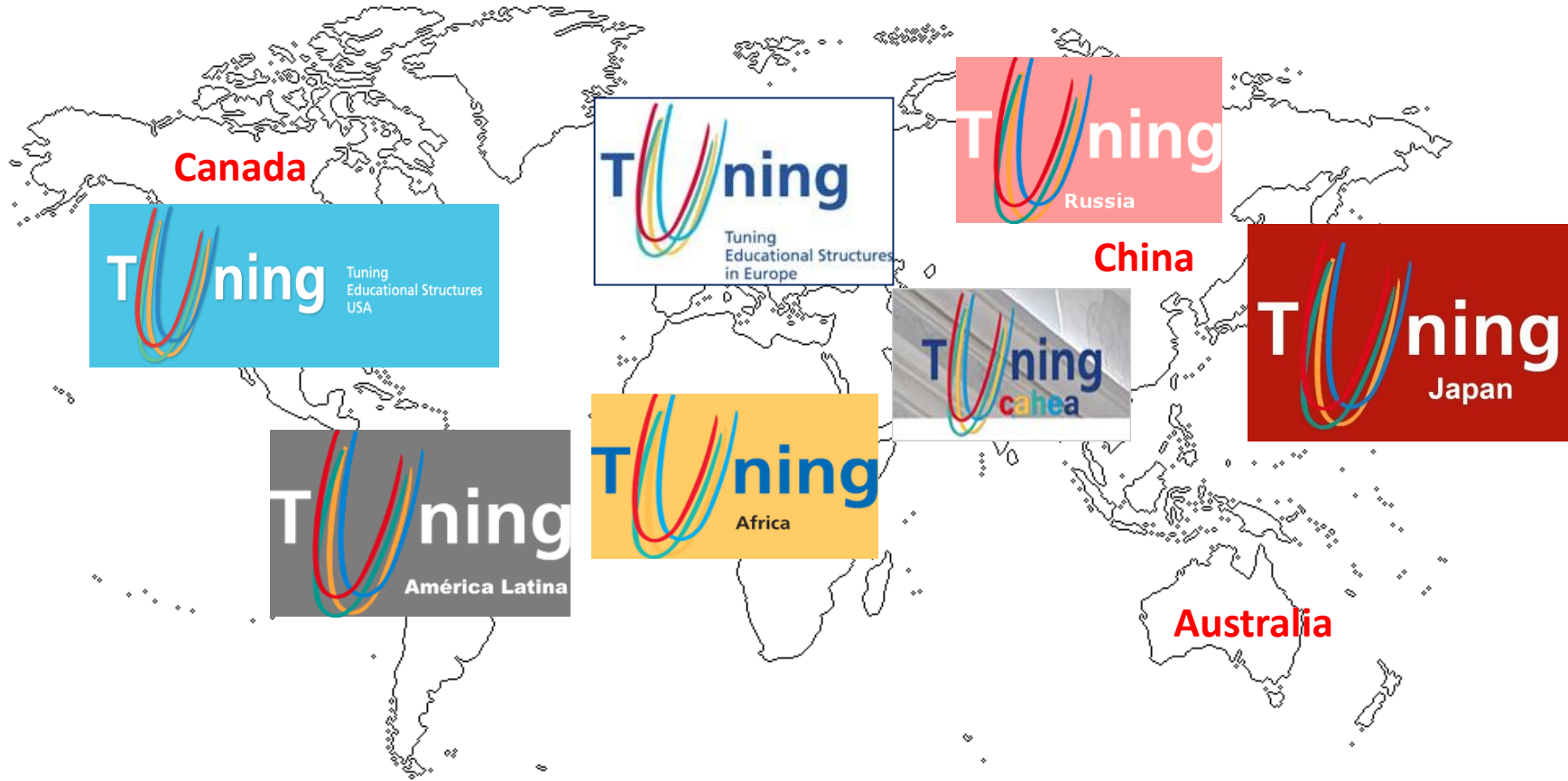
Quality Management, Standard Sharing and Mobility



Matsuzuka (2012)



# チューニング世界ネットワーク



# Appendix: Tuning, IR and Grading System



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