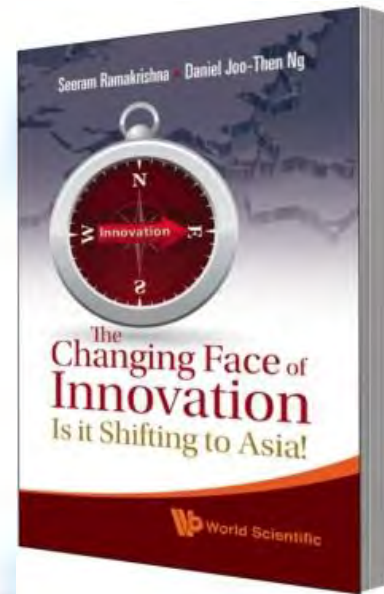
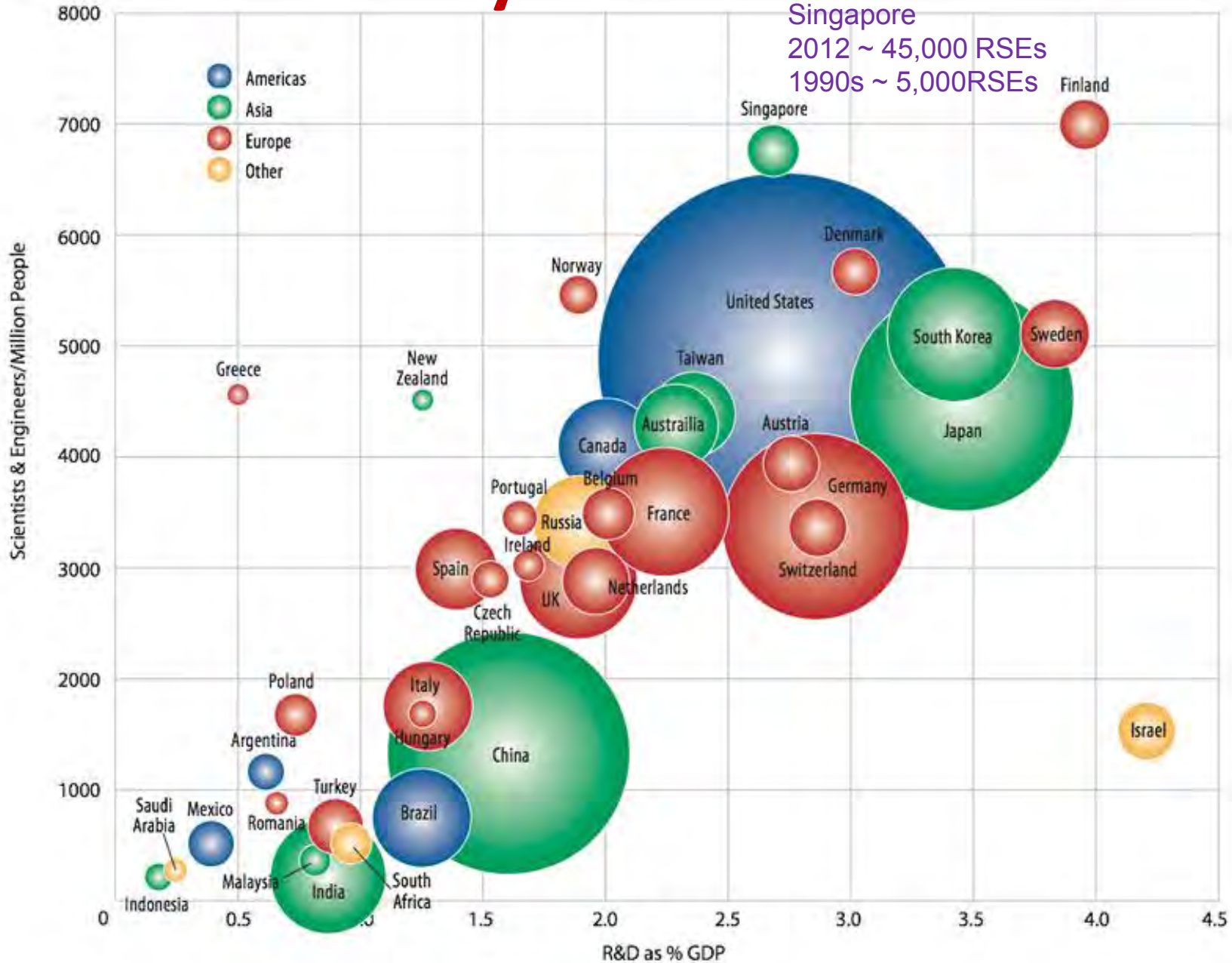


# ASIA

is eyeing innovation future

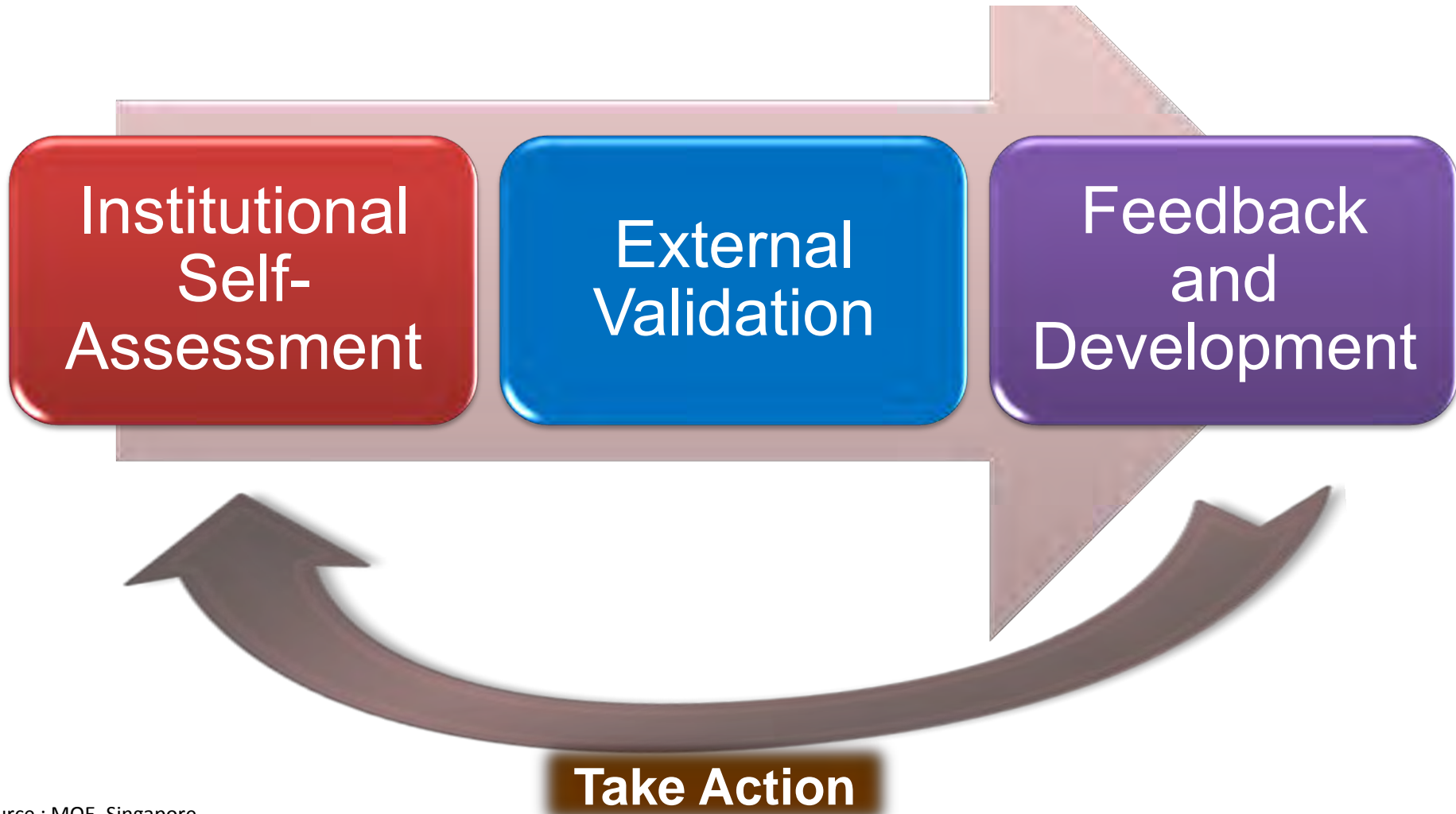


# Research Intensity of Nations



# Quality Assurance Framework for Universities

## Three-step Approach



# Quality Assurance Framework for Universities

- Leadership, strategies & policies that direct the university

- Resources & operations that turn intentions into action



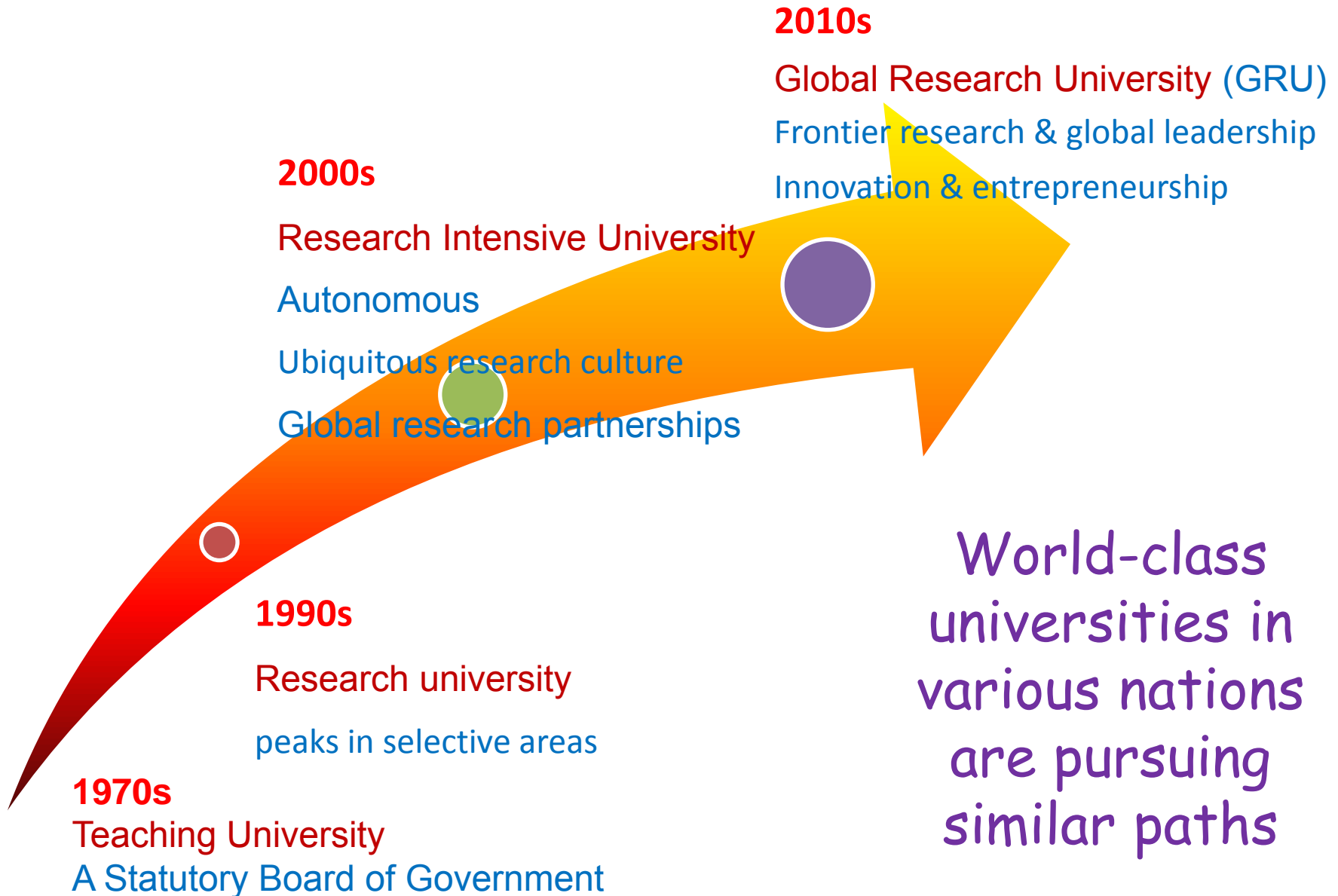
- Feedback & Learning

- Indicators & measures that signal and quantify success

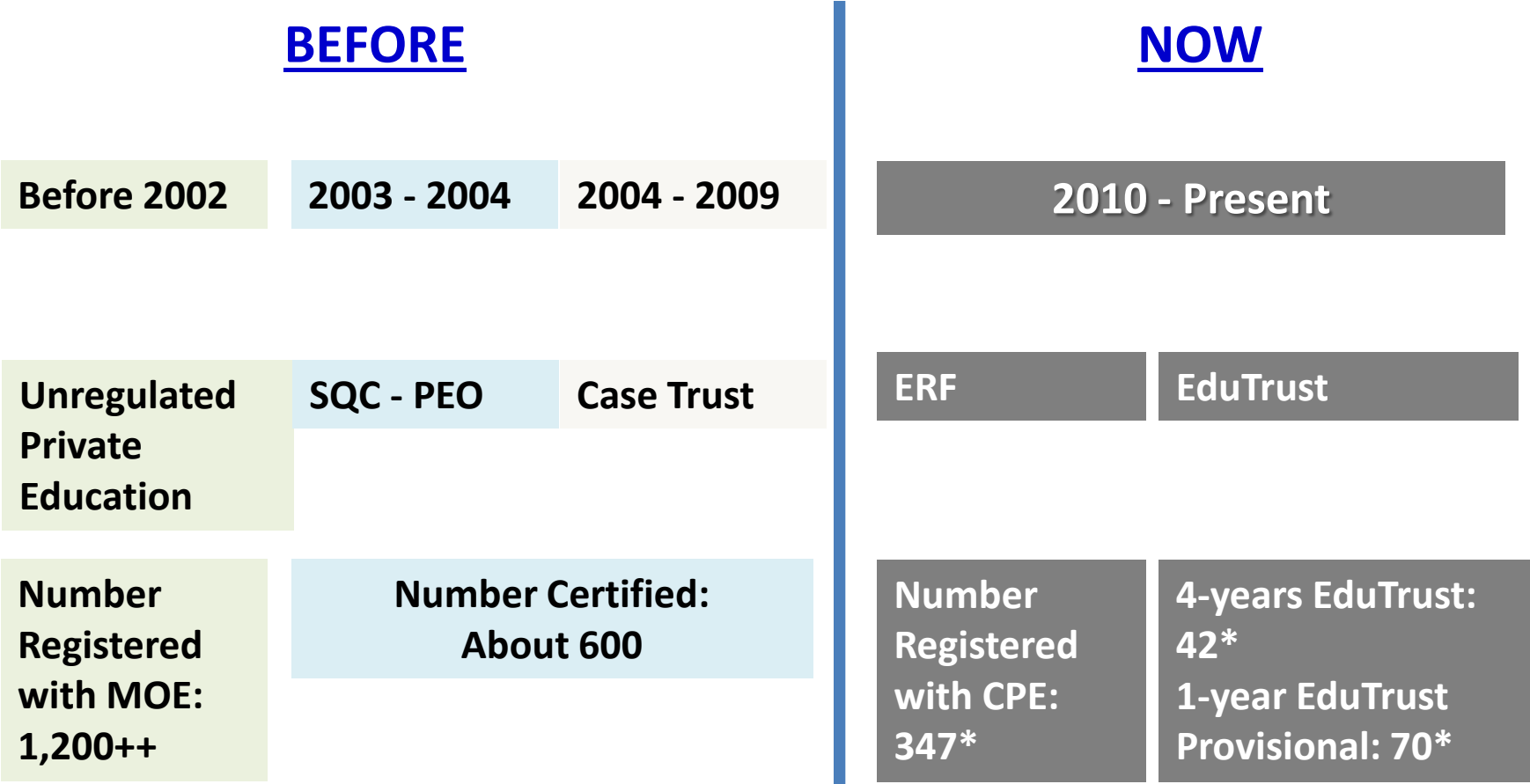
# Rooting Culture of Excellence @ Universities



# National University of Singapore

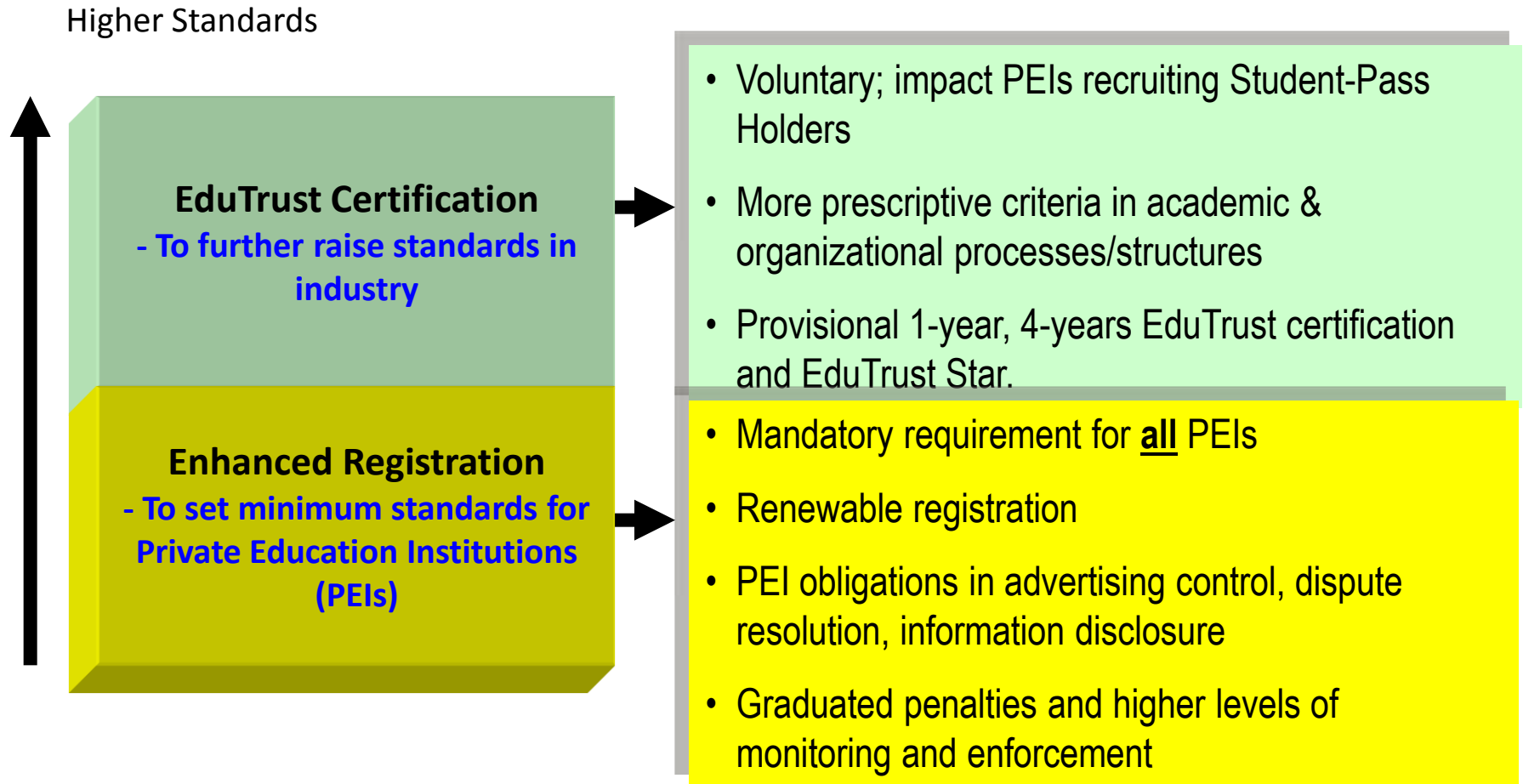


# Evolution of Private Education Regulation



Note: \* numbers extracted from CPE website as 17 July 2012

# Enhanced Standards Enforced by Council for Private Education, CPE





# Movement in Private Education Institution

- Tighter rules under the Advertising Code
- Raising Capabilities of Singapore's Private Education Sector through Process Innovation and Manpower Development

In order to meet the growing demand, PEIs are

- ❖ Improving campuses; leveraging ICT
- ❖ Launching new programs relevant to today's workforce
- ❖ Establishing new partnership collaborations
- ❖ Upgrading opportunities to the faculty members



# Conclusions

- National policies & guidelines are in the catching up mode. There are concerns about the relevance and quality of tertiary education. Role of government is strategic.
- With regards to the quality assurance framework, one size fits all approach will not work
- Benchmarking is a useful tool to promote diversified excellence
- Autonomy without adequate resources should not become the 'new normal'
- Internationalization at home and abroad to nurture talents for the globalized, new world
- Leverage ICT to improve management systems, education content quality, & the learning experience of students

# Way Forward

## (Public) universities

- Differentiate and continue to be relevant to the needs of society
- Deliver high quality education in areas needed the most & maintain the public nature of institution
- Nurture talents for globalized world

## (Private) Universities

- Provide upgrading & training opportunities for academics
- Improve campus infrastructure by investing in better teaching facilities & equipment
- Transparency of information

## Governments

- Set the framework for quality assurance; expectations in terms of level of resources, academic & organizational processes & structures
- Define obligations in advertising control, dispute resolution, information disclosure
- Graduated penalties and higher levels of monitoring and enforcement

*Thank you*

What a great  
city you live!

Juan Hinstroza, Cornell University

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➤ *Academic leadership: National University of Singapore Vice-President (research strategy);* Dean of Faculty of Engineering; Founding Director of Bioengineering; Founding Director of Nanotechnology Institute; Chairman of SERIS; Chairman PSB Academy Academic Board; Board member of several national organizations

Founding Chair of Global Engineering Deans Council; Vice-President of International Federation of Engineering Education Societies; Thinker and speaker on global trends of higher education, research & innovation facilitated by World Bank, EU, OECD, ASEAN, Governments, media organizations, think tanks, NGOs, etc.

➤ *Academic Scholarship: Ranked among the world's top 30 authors, most cited materials scientists.* Authored 5 books and ~ 500 peer reviewed papers with ~22,500 citations and h-index of 74. *An elected international fellow of major professional societies and academies of Singapore, UK, India and USA*