

Developing the International Program/Project Management Community

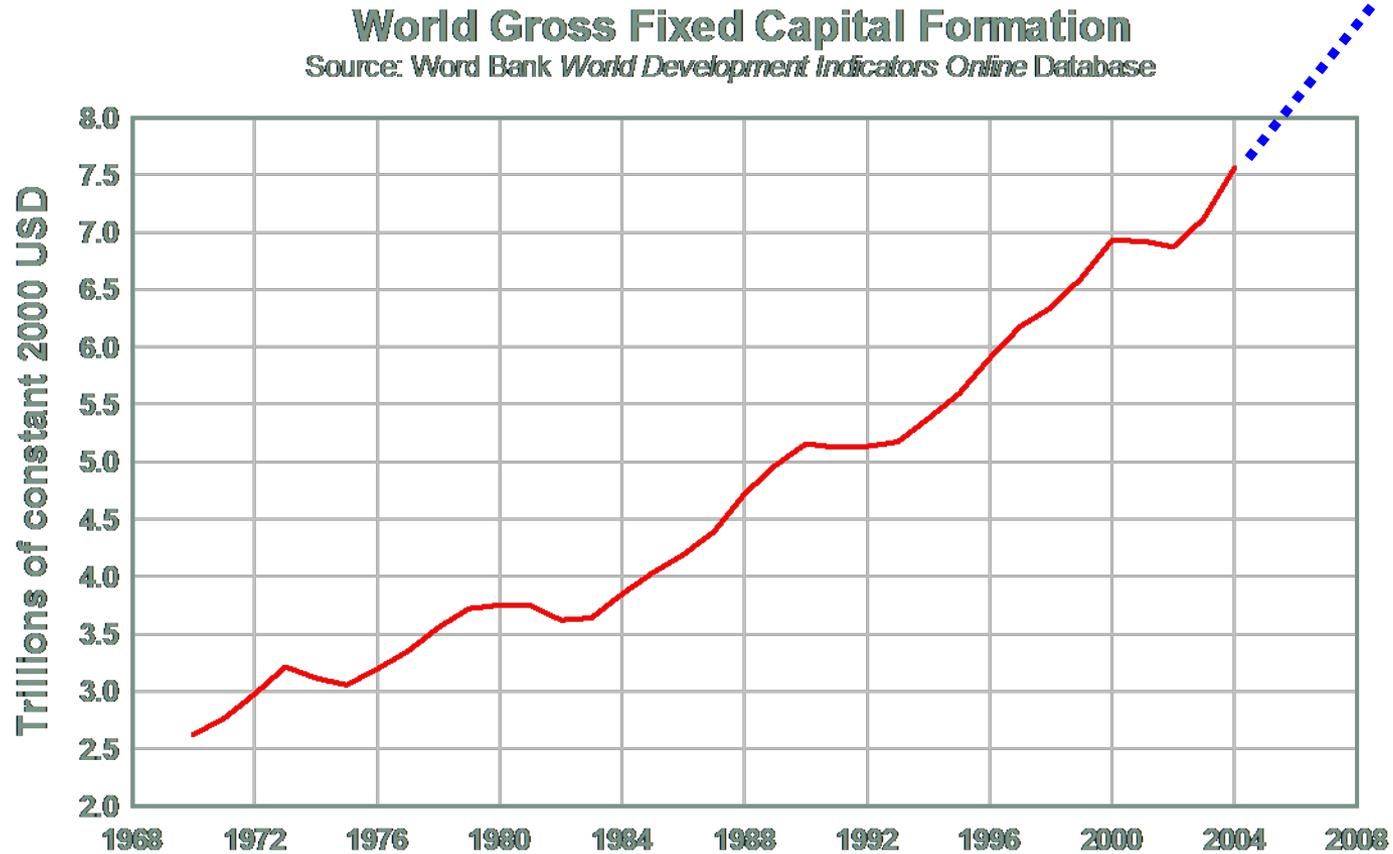
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NASA PM Challenge 2010

10 February, 2010

Galveston, TX





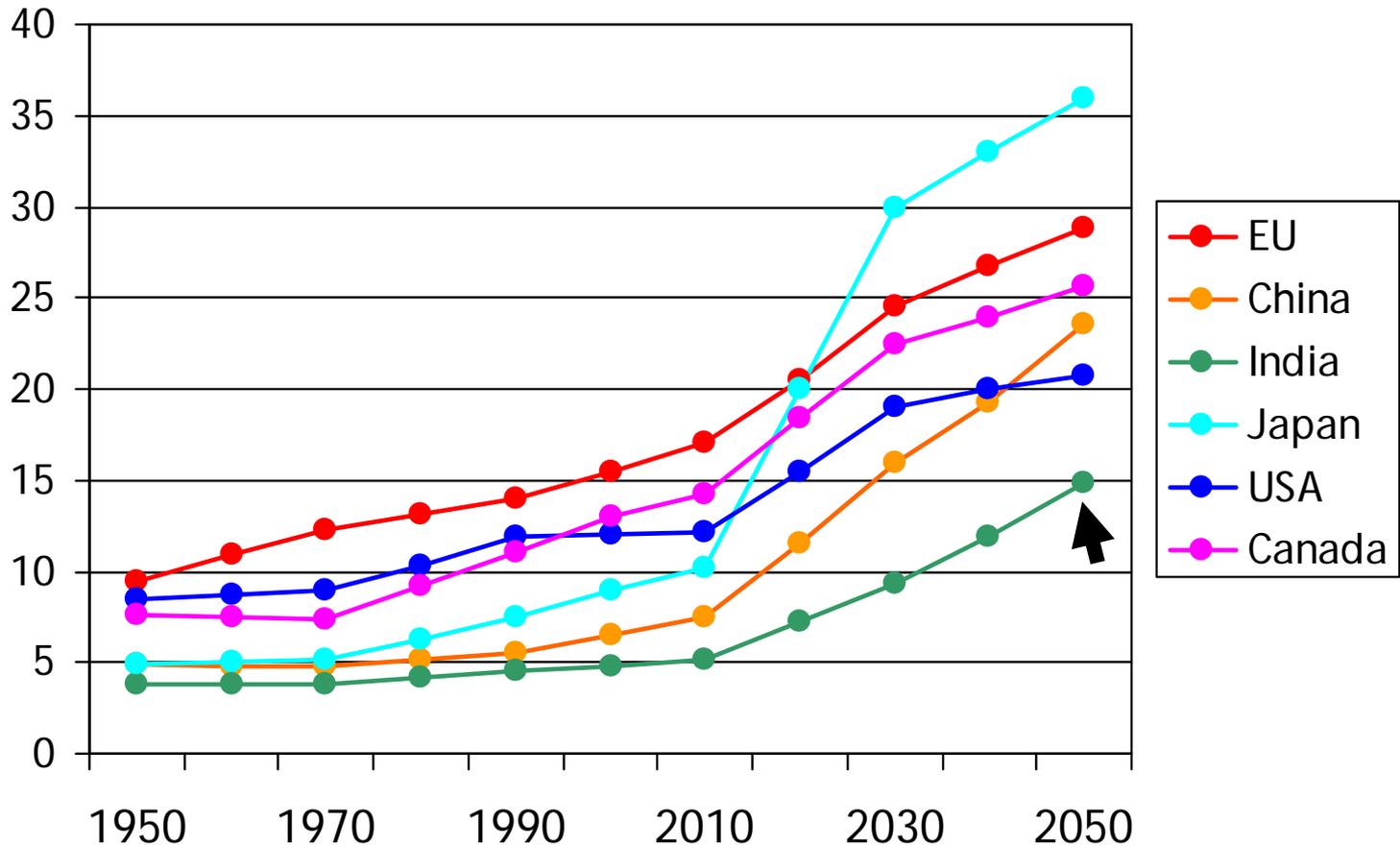
- **20% of gross global product – US \$12 trillion per year* – spent on fixed capital projects worldwide**
- **Trillions more in projects for IT, new product and service development, entertainment/IP, NGOs**
- **Project, program, and portfolio management**

* Source: *Managing Capital Projects for Competitive Advantage*, McKinsey Quarterly, June 2008



Retirement-Age Populations in Major Countries (%)

UN Population Division, *World Population Prospects: 2004*





Projectized Industries and Growing Global Demand for Project-Oriented Workers

- 2006: 24.4 million project-oriented employees in projectized industries in 2006
- 2016: 32.6 million (31% of them new employees since 2006)
- Equates to 1.2 Million jobs annually
- 200 Billion of Global GDP at risk by 2016

- Via Registered Education Providers
- Via Executive Development Centers
- Via Corporate Colleges/Academies

1994

- Primarily construction management degrees
- 2 Bachelor and 9 Master level PM degrees

2008 Global Census (Business, Engineering, Architecture, Technical Institutes)

- **3,348 institutions teaching 5,769 PM courses**
- 456 schools with 645 PM degrees
- 206 schools with 276 certificate programmes

BUT - 4,617 Schools with no PM

- Where is the priority for development of PMs, at the collegiate or industry level?
- How can industry and governments cope with the increasing gap in supply-demand of PMs?
- Where should organized project management place its resources to best mitigate the gap?