

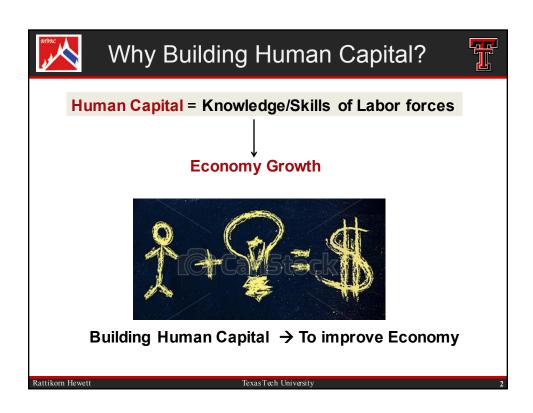


A Holistic Approach to Building Human Capital in Thailand

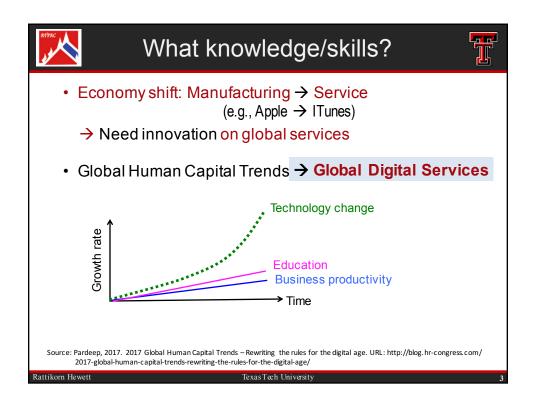
Prof. Dr. Rattikorn Hewett

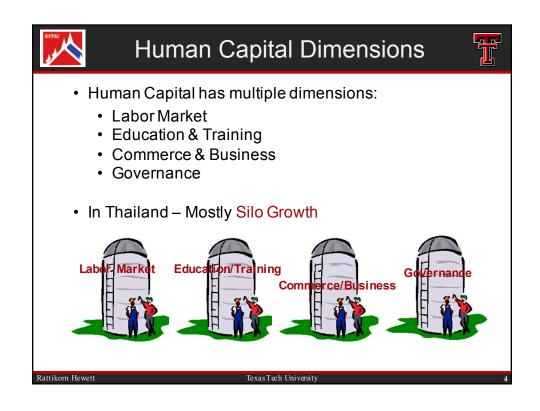
Center for the Science and Engineering of Cyber Security Department of Computer Science, Texas Tech University

Jan 25, 2018 Annual ATPAC Conference, Tampa, Florida

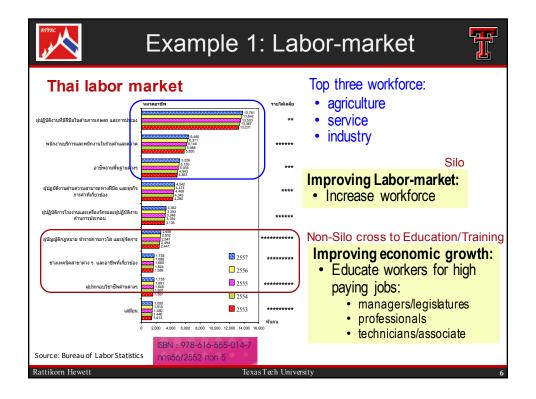


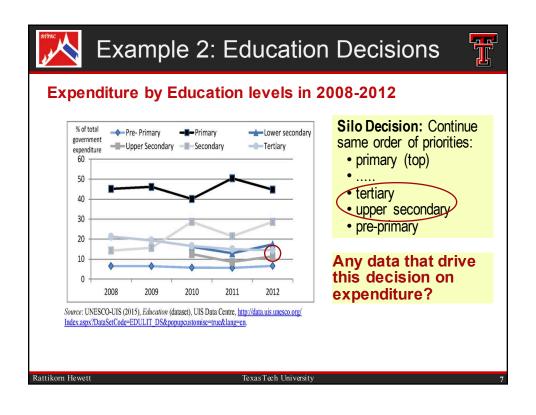
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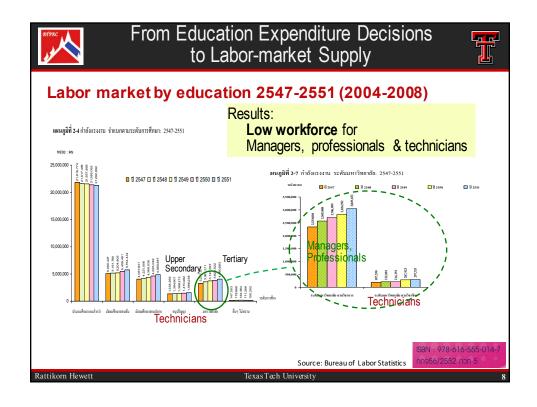


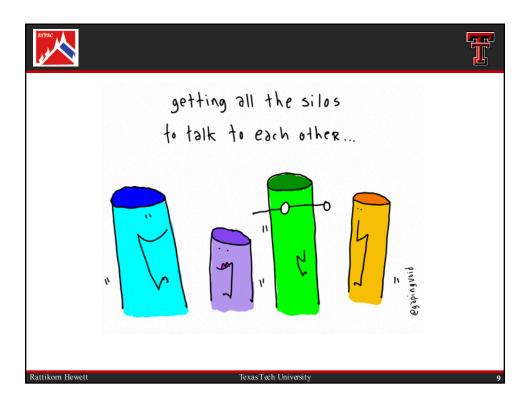


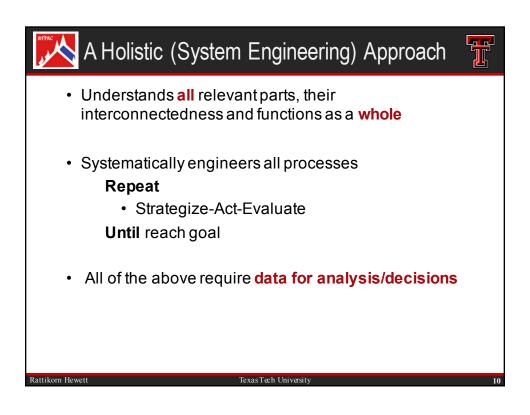


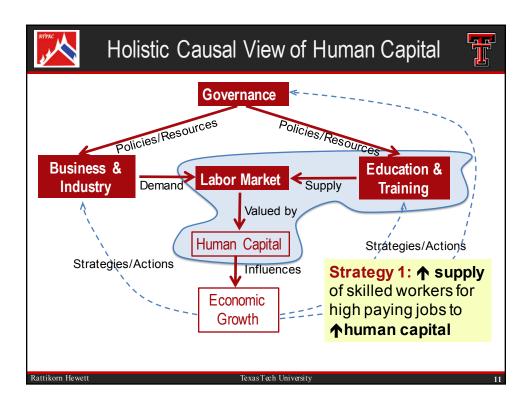


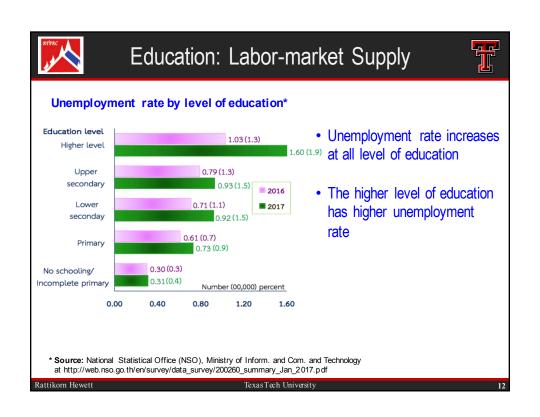


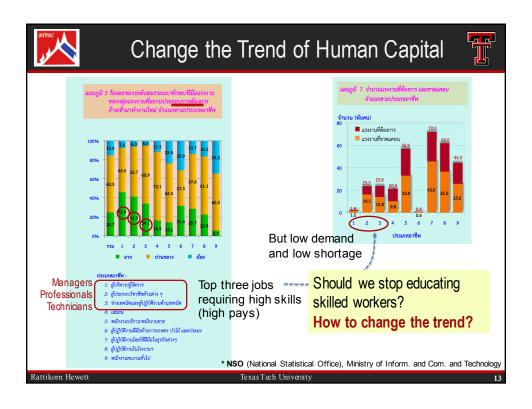


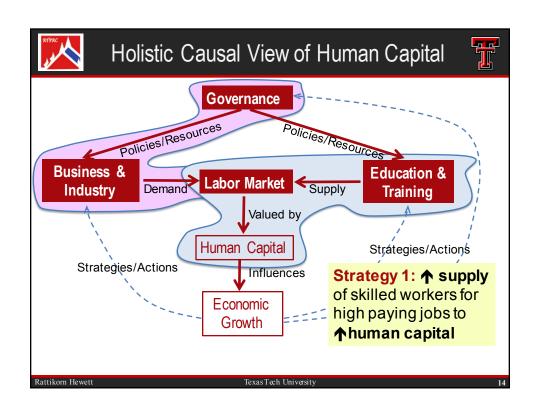














Two possibilities:

- Unmatched skills between supply and demand sides
 - → Improve Education & Training
 - Short Term demand-driven training
 - Long Term reform tertiary R&D → (innovate,)create skills
- Not enough jobs
 - → Create more jobs
 - Short Term stimulus packages/tax policies to create jobs, increase foreign Investment
 - Long Term identify technology to invest innovative digital services

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Concluding Remarks



Building Human Capital

- Is necessary for economic growth especially in the Digital Age
- Holistically requires causal understanding of all relevant pieces
- Must be systematic and data-driven*

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^{*} Feedbacks from OECD/UNESCO (2016), Education in Thailand: An OECD-UNESCO Perspective, Reviews of National Policies for Education, OECD Publishing, Paris. http://dx.doi.org/10.1787/9789264259119-en



Concluding Remarks (contd.)



Business (Demand) Dimension

- · Not born "digital" must become one
- "Digital Service Economy" innovation wins big

Education (Supply) Dimension: systemic issues*

- Make greater use of evidence to inform policy decisions
- Establish process to evaluate/refine new policies/programs
- Need long-term strategies that span over political cycles

Governance Dimension

· Clarify roles and responsibility of the Governance

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