

Global Aspects of Research

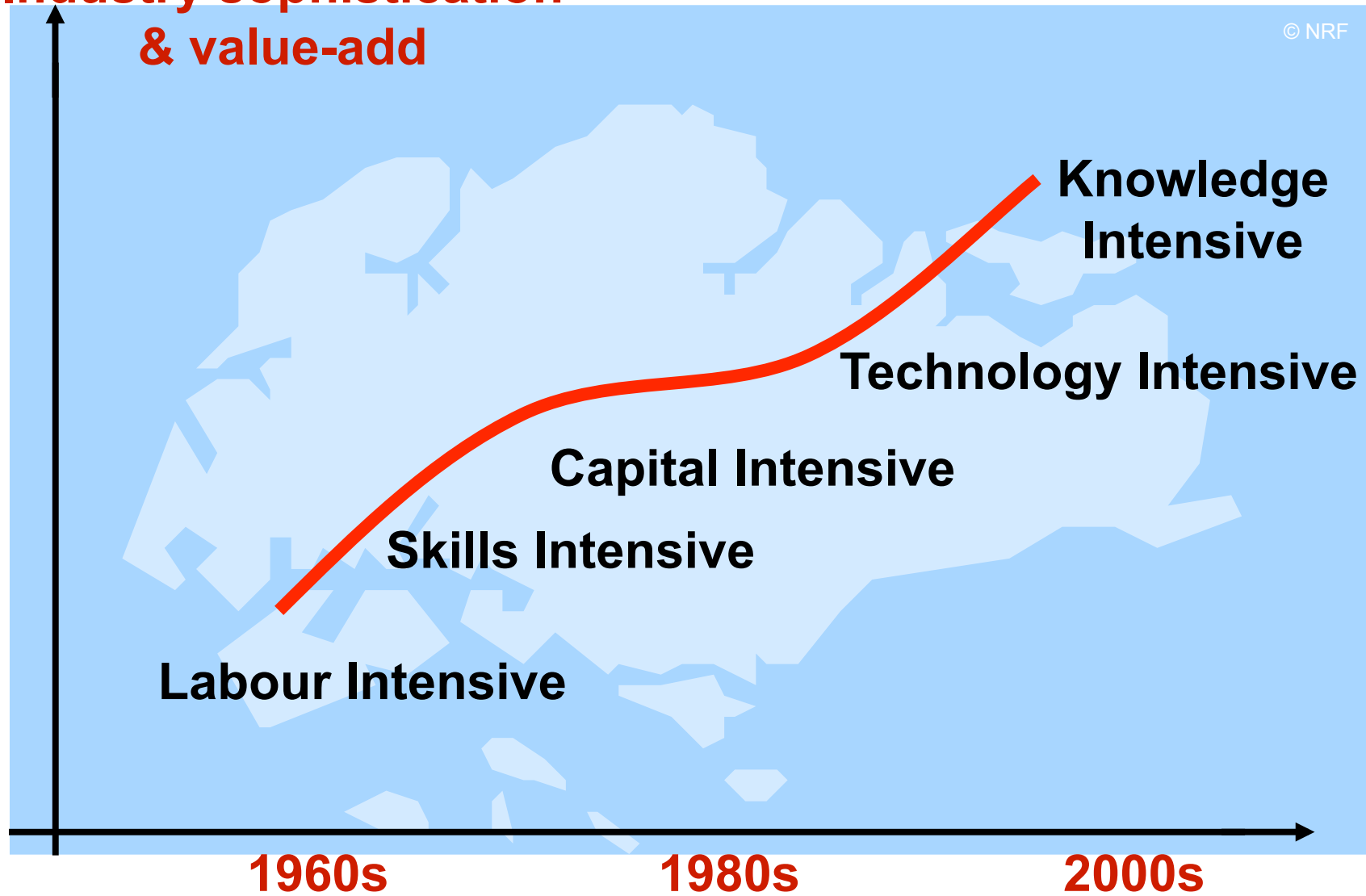
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R&D – A National Imperative

**Industry sophistication
& value-add**

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Different Modes of Collaboration

- Individual PIs
 - Visits, student attachments, grant collaborators
- Joint programs
 - Examples
 - Singapore-Ontario Joint Research Program
 - A*STAR-Tekes Joint Grant Call
 - Each side funds its PI
- National initiatives
 - NRF's Campus for Research Excellence And Technological Enterprise

NRF CREATE




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Ben-Gurion University
ETH, Zurich
MIT
Shanghai Jiao Tong University
TU Munich

Cambridge University
Hebrew University of Jerusalem
Peking University
Technion-Israel Institute of Technology
UC Berkeley

Benefits

- Leverage on complementary expertise  higher impact research
- Access to wider range of facilities /resources (including testbedding and pilot studies)
- Avoid local regulatory issues (e.g., embryonic stem cells research)
- More opportunities for research funding
- Wider exposure of research results to the research communities in each country

Challenges

- Distance and time difference
 - Limits type of research
 - Cost and time incurred in travels
- Different expectations of different institutions and funding agencies
 - Academic vs economic (IP issues)
 - Commitments (e.g., duration of visits)

Thank you