



Institute of Economic Growth



RIS

Research and Information System
for Developing Countries

Seminar on
India and Globalization
[A Seminar in Honour of Professor N.S. Siddharthan]

RIS Conference Hall, India Habitat Centre, New Delhi on 1 February 2007

TECHNOLOGY, KNOWLEDGE INTERMEDIATION

by

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(views personal)

To be Delivered at the
Seminar on India & Globalisation in honour of
Prof. N.S.Siddharthan
1 February 2007, RIS, New Delhi

TECH INTERMEDIATION

It is wrong to look at growth of technologies as a serial chain of
Idea, Basic Research, Up-scaling, Pilot Plant Trial,
Launch of Commercialisation and Standardisation

Problem of Simultaneity

Late comer firms can compress the cycle
Knowledge Sharing and In-house R&D
Role of MITI and other agencies

Systemic Character of New Technologies
Several Channels and Multiple Receiving Points

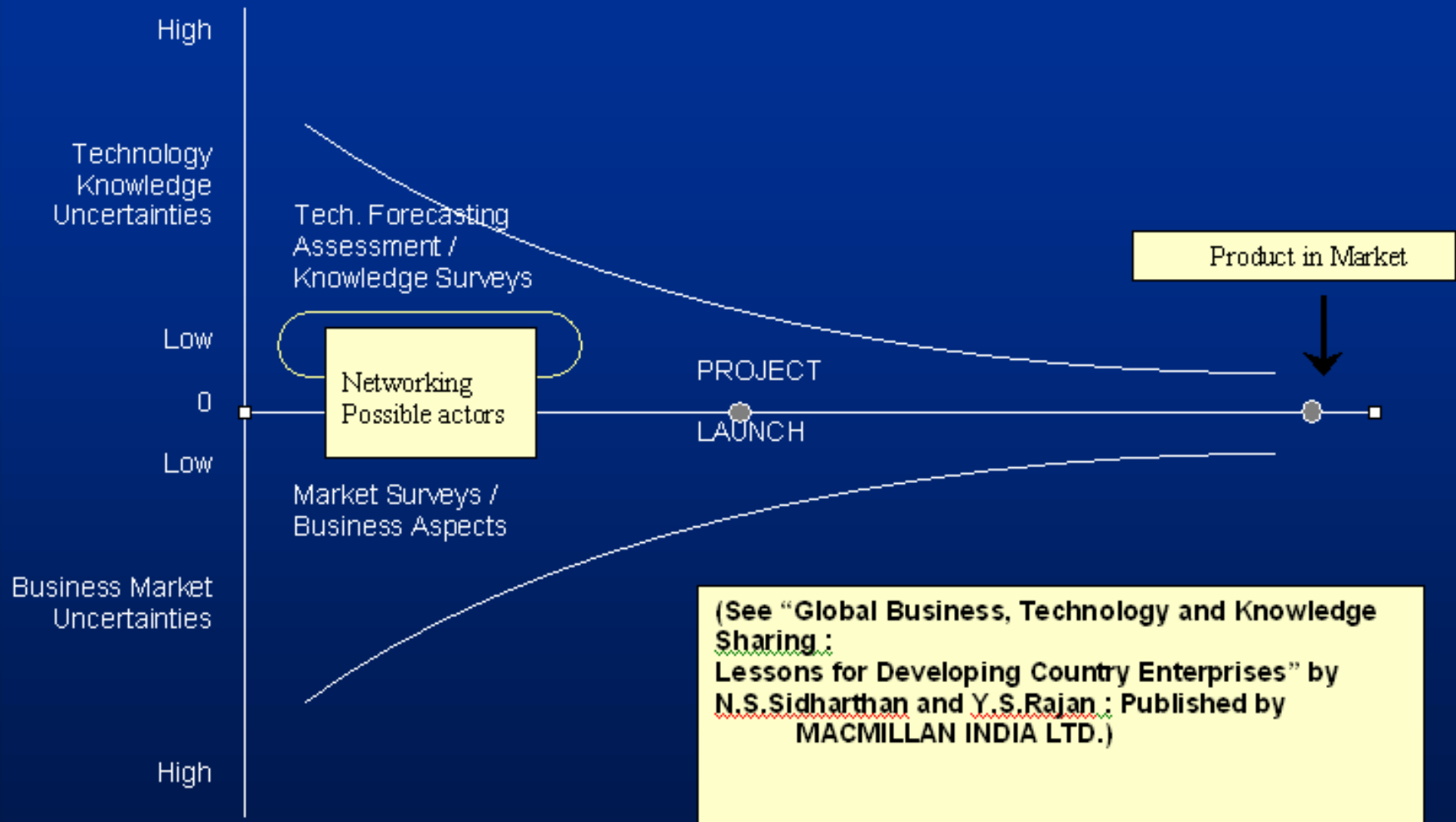
Role of government
from Controller to Network Supporter
SMEs and Tech Intermediation

*See: Global Business, Technology and Knowledge Sharing :
Lessons for Developing Country Enterprises - Ch. 7*

N.S.Siddharthan / Y.S.Rajan

[published by Macmillan India Ltd]

TECHNOLOGY, KNOWLEDGE INTERMEDIATION



Globalisation & Tech Intermediation : A Vision

THE ROLE OF THE STATE

Objectives

Growth of per capita income and reduction in income disparities

Instruments

Creating an atmosphere for free flow of:

Information, knowledge and goods

Institutional reforms aimed at removing
corruption, delays (at customs, ports and law courts)

Role of Monopoly, Accountability & Transparency

Promoting networking among firms and individuals

Promotion of infra structure including skill levels

Strict enforcement of the rule of law

Small and effective Government vs. large and rent seeking one

*See: Global Business, Technology and Knowledge Sharing :
Lessons for Developing Country Enterprises - Ch.-9*

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ISRAEL EXPERIENCE

- Research Publications of Samuel Neaman Institute, Technion
- Israel Institute of Technology “Neutrality” principle on sector and OCS publication
- Background work on Venture Capital
Personal Discussions with
Dr Orna Berry, Ms Rina Pridor
- BIRD with Dr ED Mlavsky
- Recent TNUFA 1st Money to Start up. (KI !)
a lot to document on the processes

RESEARCH ON TI / KI

(part fund schemes)

- HGT, STM, FAM, ACM - vision 2020 Projects of TIFAC
- PATSER DSIR. TEPP DSIR / TIFAC
- VCF → TDB
- DRUG & PHARMACEUTICALS

Y.S.Rajan's own experience : e.g. SAMTEL, NICCO Cable...

..... many more.....

- WHY NOT INDIAN STUDIES ?
 - not just figures but processes as well

Thank You