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# Strategies for Creating a Knowledge Society



S. Gerke &  
H.-D. Evers

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## Questions

If K is a factor of production: How can K be used

- To stimulate economic growth?
- To reduce poverty?
- To improve gender equality?
- To spread information?
- To avoid natural disasters?
- To improve the ecology?

Zentrum für Entwicklungsforschung  
Center for Development Research  
University of Bonn

April 2006

## K&D Strategies

ZEF Policy Brief No. 6

Wissen und Entwicklungs-Strategien für den Aufbau einer Wissensgesellschaft.



von Hans-Dieter Evers, Selvy Gerke und Thomas Munkhoff

[http://www.zef.de/fileadmin/webfiles/downloads/zef\\_policy\\_brief/ZEFPolicyBrief\\_6\\_de.pdf](http://www.zef.de/fileadmin/webfiles/downloads/zef_policy_brief/ZEFPolicyBrief_6_de.pdf)

- Create comparative advantages through local K
- Create K-centres of excellence
- Create K-hubs & GPN


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## Local Knowledge





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## Knowledge Infrastructure Development




- Improve telecommunication
- Improve access to the internet nation-wide
- Create IT hubs and corridors
- develop the media
- Other measures 




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## Cluster Development: Building Epistemic Landscapes

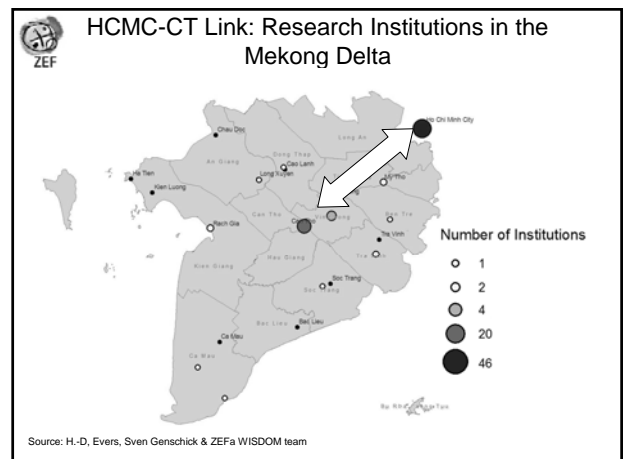
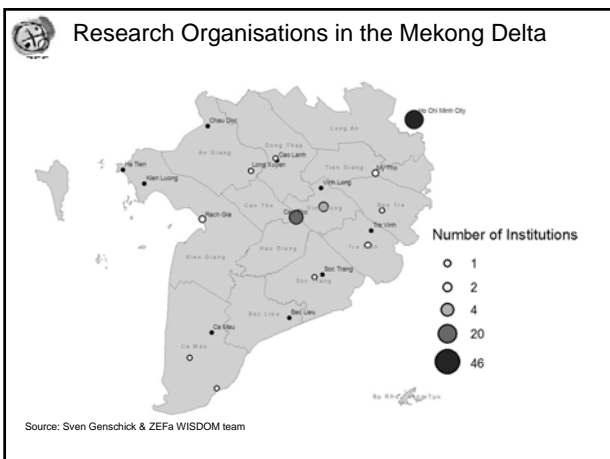
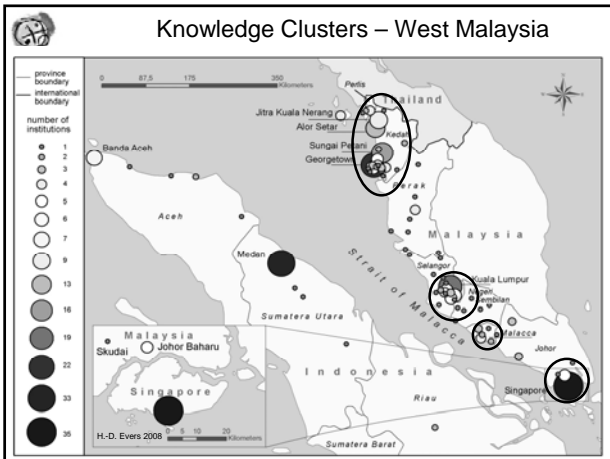
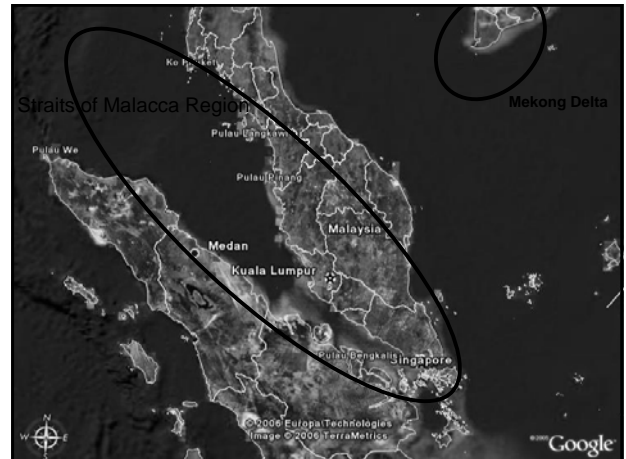
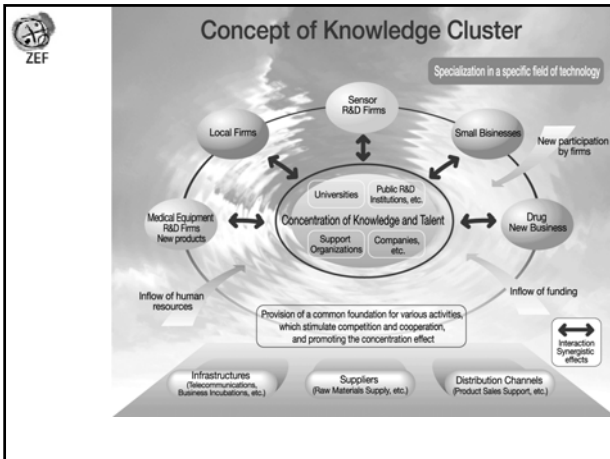
- Knowledge production needs knowledge: science parks, research institutes, R&D divisions, SMEs, universities, etc in close proximity
- Silicon Valley, Hyderabad, ABC (Aachen-Bonn-Cologne), Biopolis Singapore, HCMC etc as knowledge clusters / epistemic landscapes

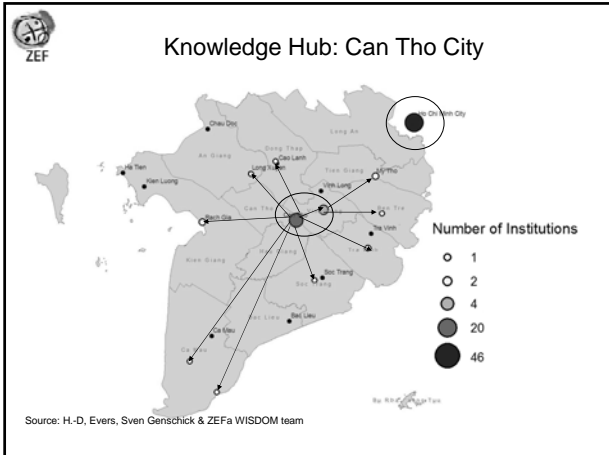


San Jose, "Silicon Valley"



Biopolis, Singapore





## Building Knowledge Clusters

**Comparison**  
**Mekong-Delta / West Malaysia**

- W-Malaysia has a well developed epistemic landscape of K-clusters and k-hubs
- Mekong Delta is at an early stage of K-cluster development
- What can be done to develop the epistemic landscape of the Mekong Delta?

**WISDOM: Knowledge governance system**

- "Water Related Information System for the Sustainable Development of the Mekong, Vietnam (WISDOM)"
- "The goal is to create a knowledge governance system for sustainable water management in the lower Mekong delta".
- carried out by ZEF, UNU, DLR, SWRI et al
- [http://www.wisdom.caf.dlr.de/intro\\_en.html](http://www.wisdom.caf.dlr.de/intro_en.html)

## Knowledge for Development Research

- The GLOWA Volta Project is an interdisciplinary project supporting sustainable water resource management in the Volta Basin. Main aim is the development of a **Decision Support System (DSS)**
- Phase III: Integration of research results, **knowledge**, data and tools

## Knowledge Capacity Building

To create centres of academic excellence...

- **UniBonn Mission Statement**  
"The University of Bonn is one of the world's leading research based Universities ... evolving into the position of a truly prominent international institution".

Friedrich-Wilhelms Universität Bonn – Internet page

## Capacity Building

DW-Akademie

International Media Studies

Students from around the world will benefit from the inclusion of partners and the unparalleled mix of research, lectures and practical experience.

