



Workshop IT for Development Leveraging Knowledge & the Power of e-Networking

MIT Faculty Club, October 30-31



Introduction

- **Global Context & Challenges**
- **Four Questions**
- **Introductions of Participants**



Global Context

- Globalization & World-wide e-Connectivity
- Increased Knowledge Intensity
- New Technologies for Knowledge Networking
- Sustainability Measures for Decision
- Indices of Corporate Sustainability
- Persistent Local-Global Gaps
- Missed Opportunities for Development



Challenges

Improve access to IT & e-knowledge for development & sustainability

- **Harness & harvest knowledge-based Internet-resources**
- **Deploy strategies for collaboration in knowledge provision & sharing**
- **Exploit enabling functions of technologies for knowledge e-networking**



Four Questions

1. **Why Focus on Information Technology?**
2. **What is the Knowledge Connection?**
3. **What Barriers to e-Knowledge**
4. **Why this Agenda for the Workshop?**

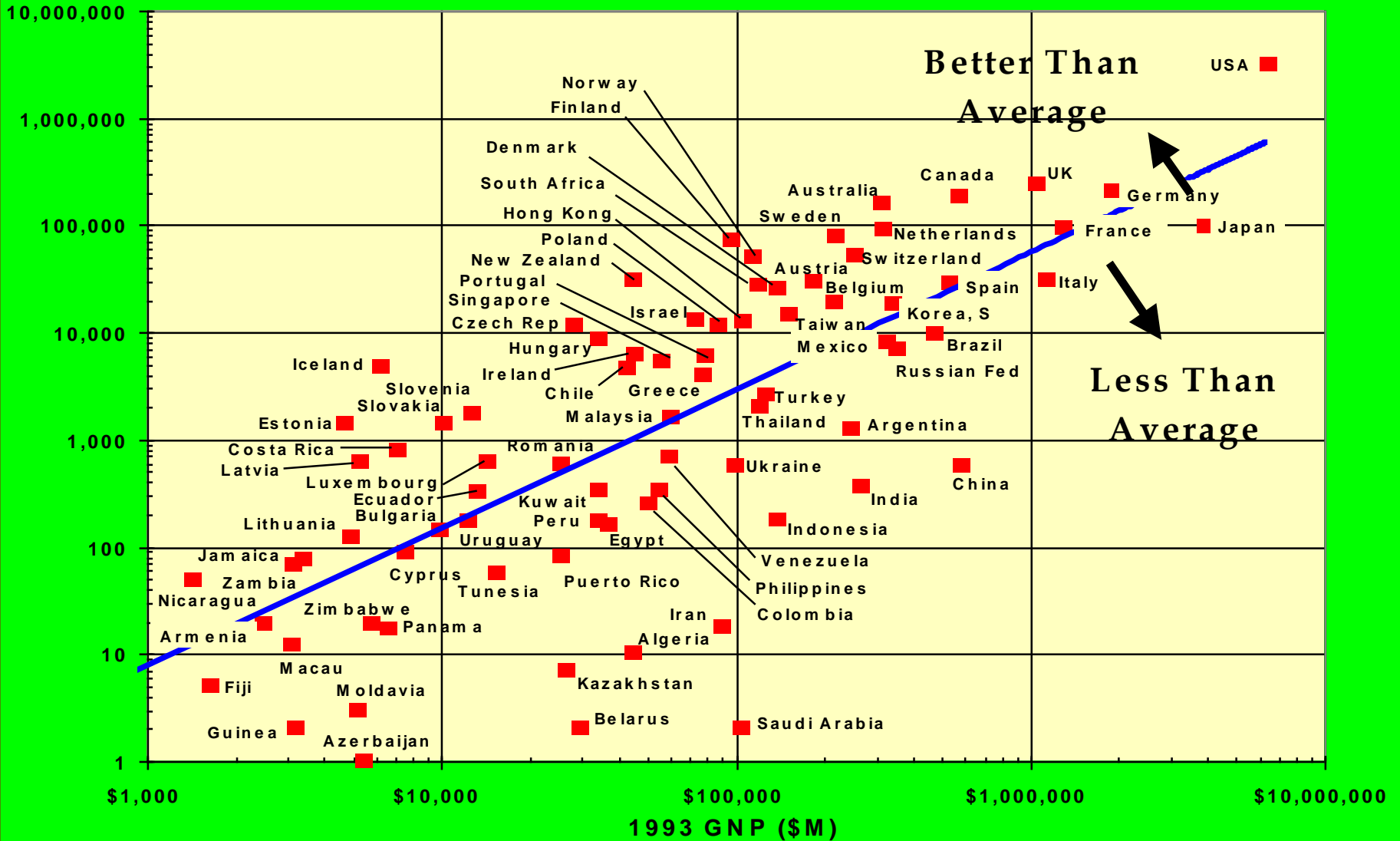


I.

Why focus on IT?

Internet Global Infrastructure Diffusion

Internet Host Computers - Jan 1995



GNP - World Bank, Host Count - M. Lottor
Sources: Mark Lottor, Encyclopedia Britannica, Eric Arnum



A. IT Supports Sustainability

- de-materialization;
- de-spacialization;
- de-centralization &
- de-massification



B. IT Reduces Disconnects

- **Information Use & Re-Use**
- **Stakeholders & Government**
- **Planning & Implementation**



C. IT Enables Knowledge Access

Content

Context

Capability

Constituencies

Customization

Connectivity

Data & knowledge

Interpretation

Use & Applications

Stakeholders

Selectivity

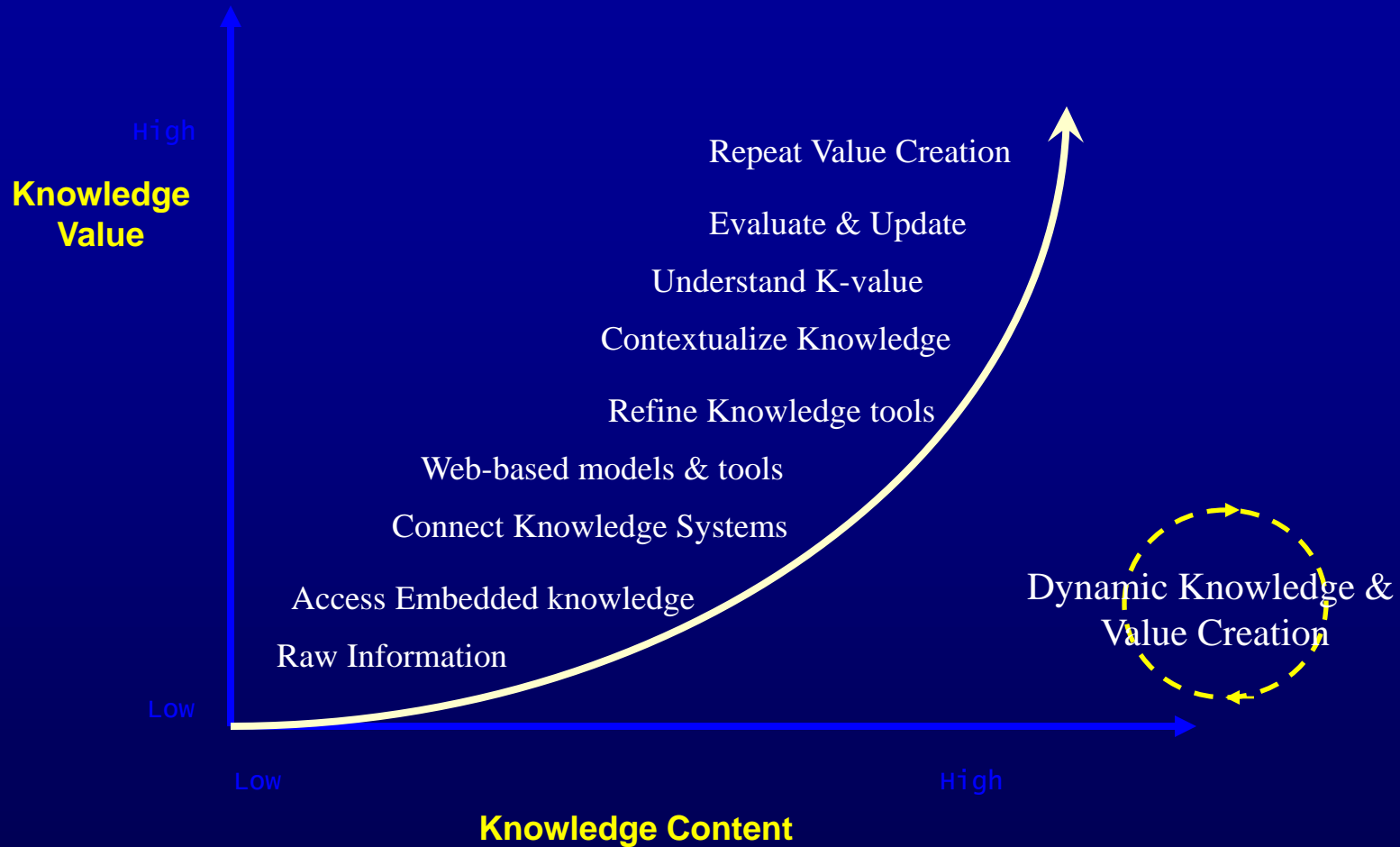
Communication



II.

What is the Knowledge Connection?

Knowledge Value-Chain





Knowledge-Paths Toward Sustainability

- From 'supply chain' to 'knowledge chain'
- From material production to meeting social needs
- From isolated understanding to increased knowledge use and value
- From knowledge creation to knowledge diffusion via networking & e-networking

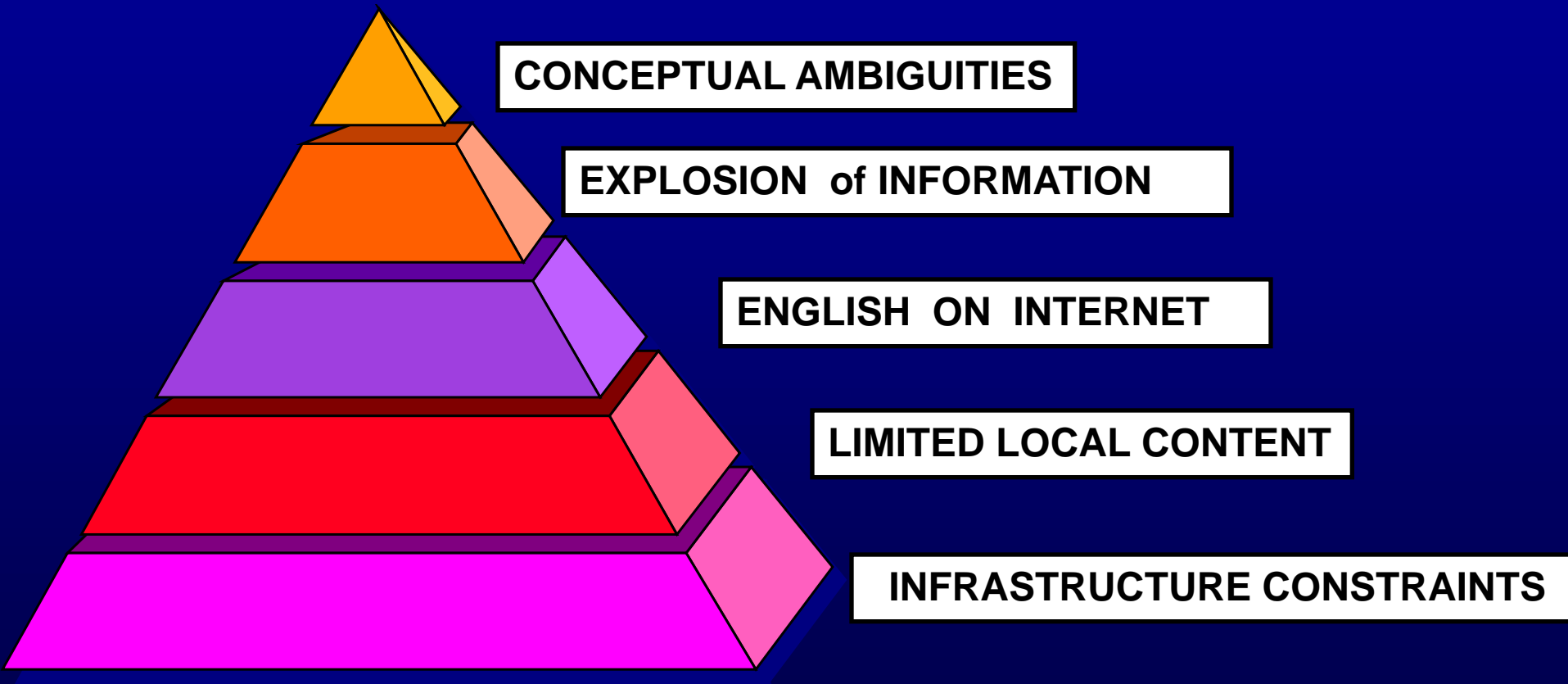


III.

What Barriers to e-Knowledge for Sustainability?



BARRIERS to KNOWLEDGE for Sustainability





4. Why This Agenda?

Targeted Contributions of the Participants



Contributing to 'Solutions'

- **Improve Knowledge about Sustainability**
- **Adopt Multidisciplinary Perspectives**
- **Create New Knowledge & Networks for Learning**
- **Provide Multilingual e-Capabilities**
- **Strengthen Strategic CyberPartnerships**
- **Take Stock of 'Best Practices' for Sustainability**
- **Improve Information Access & Reliability**
- **Develop New e-Tools for Decision & Policy**



Conclusion

World Summit on the Information Society – and Beyond