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?
A. IT Supports Sustainability

- de-materialization;
- de-spacialization;
- de-centralization &
- de-massification
B. IT ReducesDisconnects

• Information Use & Re-Use
• Stakeholders & Government
• Planning & Implementation
C. IT Enables Knowledge Access

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II.

What is the Knowledge Connection?
Knowledge Value-Chain

Knowledge Value

High

Knowledge Content

Low

Repeat Value Creation
Evaluate & Update
Understand K-value
Contextualize Knowledge
Refine Knowledge tools
Web-based models & tools
Connect Knowledge Systems
Access Embedded knowledge
Raw Information

Dynamic Knowledge & Value Creation

Low

High

GSSD
Global System for Sustainability Development
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

- Conceptual Ambiguities
- Explosion of Information
- English on Internet
- Limited Local Content
- Infrastructure Constraints
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