

Regional Learning Ecologies

A Technology
Roadmapping
Exercise

A Society of Learning

- Develop a vision for the future
- Develop a plan to achieve vision
- Formation of Leadership Networks
- Development of Supporting Resources
- Identification of Necessary Policies and Investments
- Deliverables and Evaluation

The Visioning Process

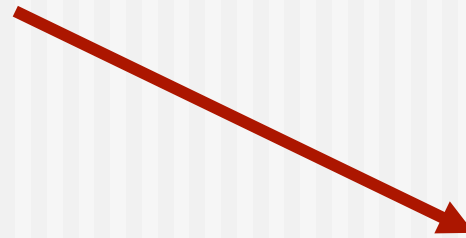
- Set aside existing systems and constraints
- Begin with a lifelong educational needs assessment
 - For individuals
 - For regions (workforce development, etc.)
- Identify both existing and needed resources

The Visioning Process (cont)

- Develop a seamless web of learning opportunities (“ubiquitous learning”)
- Coordination (linkages) of existing learning infrastructure
- Linking communities to learning
- Technology-intensive education (“knowledge networks”)
- Public-private partnerships and financing

An Alternative Approach

Strategic Planning
for a
Society of Learning



Technology Roadmapping
for a
Learning Ecology

Roadmapping Exercise

- Educational Needs Assessment
- Resource Mapping
- Gap Analysis
- Development of Roadmap

Educational Needs Assessment

- What skills and knowledge are necessary for individuals to thrive in the 21st Century knowledge society?
- What skills and knowledge are necessary for regional populations in a knowledge-driven global economy?

Ideas

- Might compare this exercise to other periods in the nation's history
 - 1776, Jefferson, new democracy
 - 1860, Land-Grant, industrial revolution
 - 2003, knowledge-driven global society
- Cognitive science? Technology?
- Change:
 - Outsourcing blue-collar labor
 - Outsource high-tech services

Resource Mapping

- Present resources
 - K-12 schools
 - Higher education
 - Libraries, museums, other cultural resources
 - Workplace training programs
 - Informal education (4-H, Scouts, etc.)
- Other resources (and constraints)
 - Public policies
 - Funding resources

Gap Analysis: What Is Missing?

- New types of institutions?
- New providers?
- New resources (e.g., “teachers”)
- New linkages?
- New policies?
- New investments?
- New culture?

A Roadmap for Michigan

- What?
 - A roadmap that provides a path to a learning ecology, i.e., one that evolves and adapts.
- For whom?
 - Governor? Head of nonprofit foundations?
 - Existing educational institutions?
 - Private sector?

Broader issues

- Shift from “public policy” to “market” dominated educational systems
- The **process** is more important than the product, since it might be a template for other regions (and nations).

Questions

- What are local resources for such an effort?
 - UM: SOI, Ed, Ford, LS&A, ?
- What could we reasonably be expected to develop in the 12-18 months available?
 - A broad template posing the vision and key questions?
 - A more focused set of recommendations for higher education (a Michigan version of the California Master Plan)

Questions

- Where do we begin?...