

I have three things to do in this part -

- Tease out some of our held assumptions about our current the state of the environment.
- Facilitate a discussion on possible alternative futures.
- Introduce a few types of governance models.

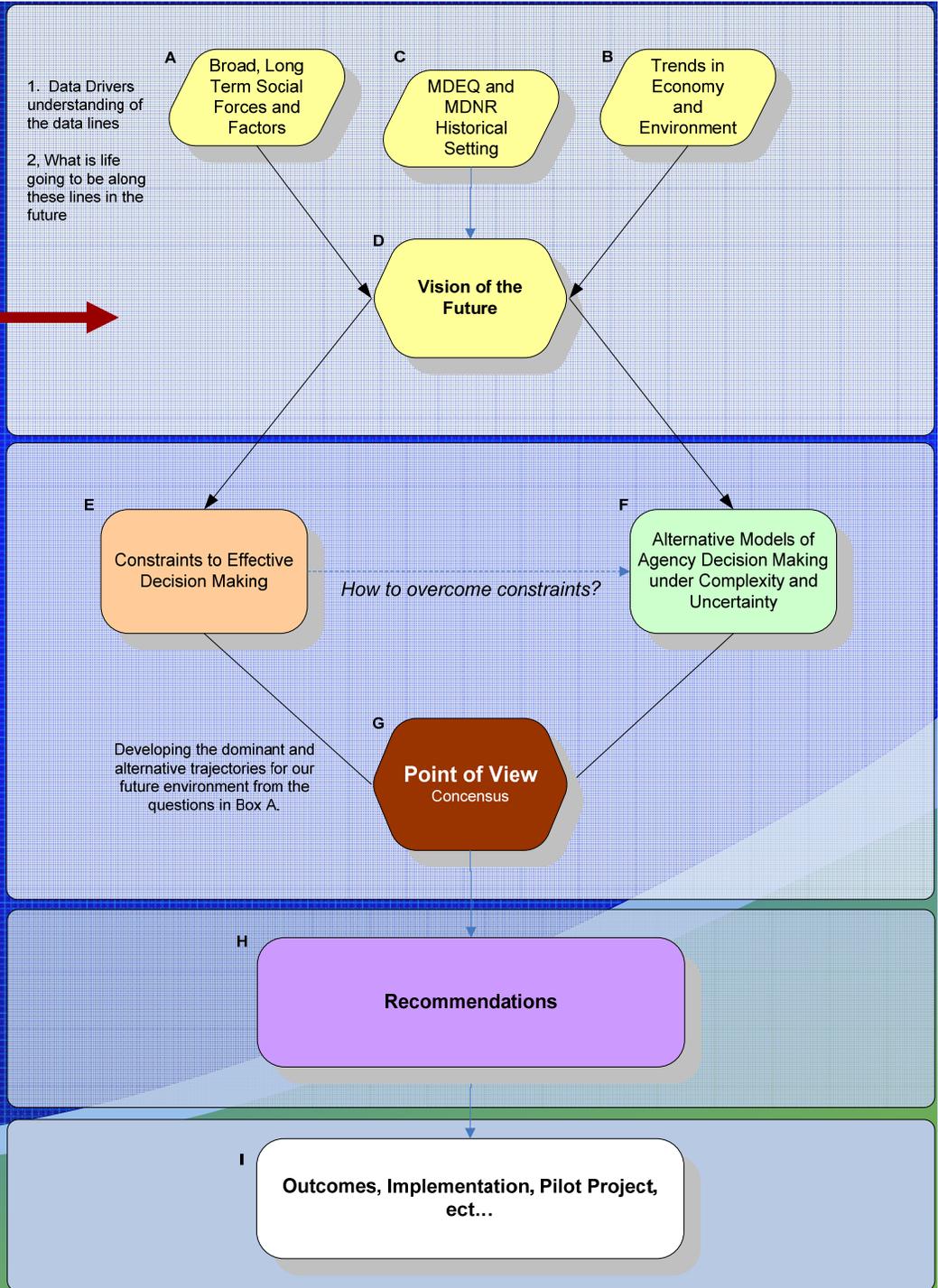
Governance relates to decisions that define *expectations*, grant power, or verify performance. Governance is what a government does.

EAC Project

Phase I – Examine key trends, history and create a vision of the future in this shared context

Phase II – Move towards a set of shared (“held”) assumptions about the future to a “point of view”

Phase III – What can or should we do



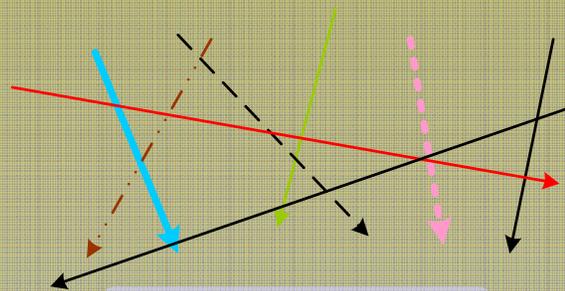
Some Key Guiding Questions

- What “future state” are we talking about?
 - The state of the State or community/area
 - The state of the (a) department
 - ***The state of the environment***
- Are our individual decisions are facilitating environmental quality and ecological function?
- How do DEQ/DNR decisions fit together? How is the ecological system functioning?
 - For example, how do individual wetland permitting decisions impact gene flow in bird populations?
 - Are remnant prairies as important as wetlands? More so? Less so?
- What is guiding our decisions?
 - Are we encouraging or facilitating wise choices (Ruswick)?

Social and Economic

- Demographics
- Education
- Financial Resources
- Social Expectations
- Economy
- Technology

Social forces and constraints



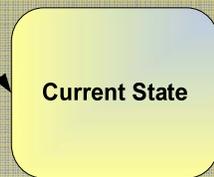
Environmental

- Assimilative Capacity
- Extractive Capacity (resources like trees, water, fish, food, minerals, land ..)
- Environmental Quality

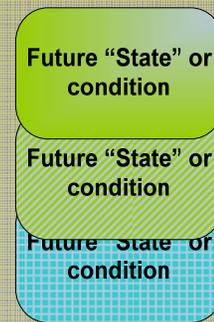
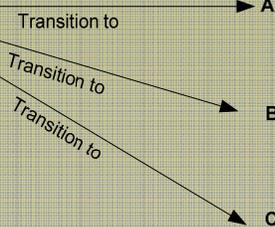
What tools or choices do we have to inform and guide this transition



transition



- 4 million acres of public land
- Decisions in discrete disciplines (air, water, waste, fish, wildlife, food)
-



transition

Of the State
Of the Environment?
Of the Department?

Questions about our Vision of the Future

1. What will Michigan look like in 20, 50 yrs?

- Will pressure on natural resources increase, decrease, stay the same?
- Are major pressures on the environment within our control?
- Can/should we expect the same level of environmental quality/protection everywhere?
- Are some attributes more important than others?

2. What should it look like?

- Like it does now?
- What is “better”?
- Is 4 million acres enough, too much or in the right places?
- How private is private land?

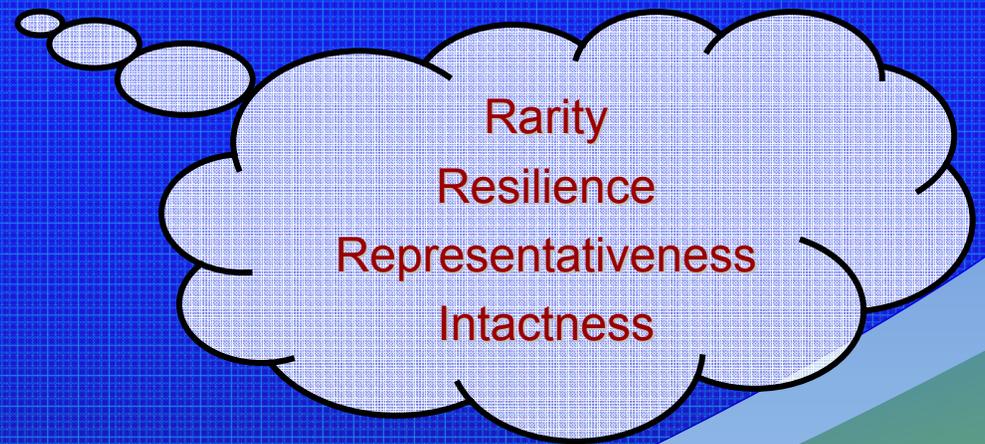
3. How should it function?

- Is it a completely managed landscape?

Questions about our Vision of the Future

3. What principles should guide decision making?

- Human health
- Social equity
- Ecological/functional
- Financial



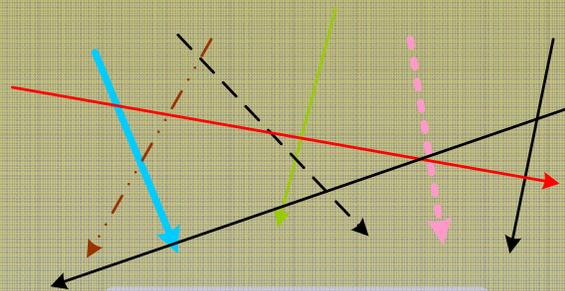
4. Is the environment getting cleaner? dirtier? or just different?

- Because of our decisions or in spite of them?

Social and Economic

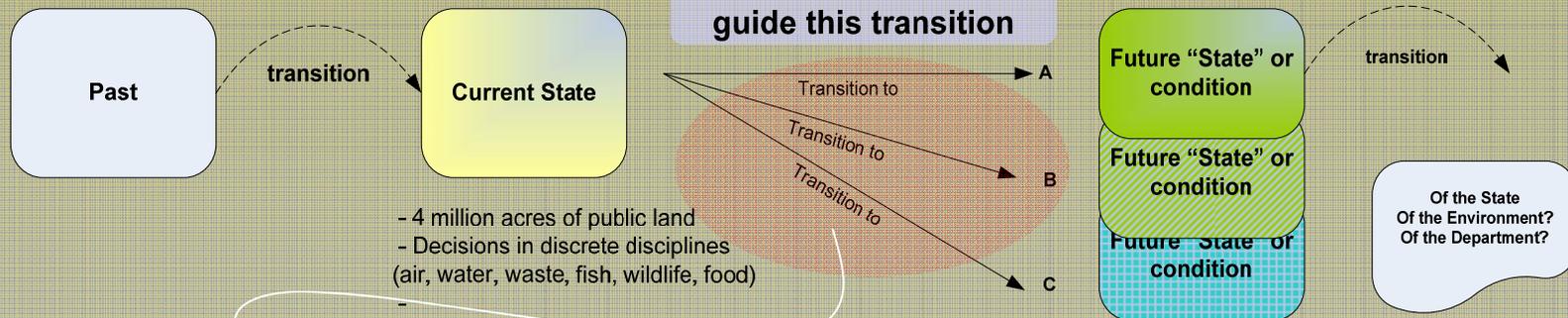
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The Decision Environment - Alternative Governance Models

- Hold our Ground**
 - Smooth, incremental, punctuated, spasmodic, episodic, disjointed
- Expanded Permissive Model**
 - permitting authority and decision making grow as legislation is added
- Structural (re-organizational)**
- Directive**
 - What do we want "the environment" to look like? Where?
- Facilitative**
 - Devolving role of government as decision maker
 - Government as facilitator and convener as governance model.

Governance Models

Several possible future decision contexts include:

- A. “Hold our Ground” Model
 - B. Expanded Permissive Model
 - C. Structural Model (re-organizational)
- } *Variants around the current model*
- D. Directive Model
 - what do we want “the environment” to look like? Where? How?
 - a) Who gets to set the direction, the vision?
 - b) Set goals, targets, etc
 - c) Degree of compulsion or coercion?
 - E. Facilitative Model
 - a) Legislature sets goals or a framework
 - b) Changing the role of government as decision maker to
 - c) Agency as convener and facilitator
 - F. The Unwinding model – self governance
 - a. Devolving the role of government