



Englishman River Watershed

Ecosystem-Based Management (EBM)

Parksville Civic & Technology Centre
February 19, 2011

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***New Direction
Resource Management***

Presentation Outline

- EBM Concept – resilient communities
- EBM Framework
 - Fundamentals
 - Governance
 - Structure
 - Communications

EBM - Resilient Communities ***Express diverse values***

Social/Cultural



Environmental



Economic



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EBM - Resilient Communities

Maintain a balance of values

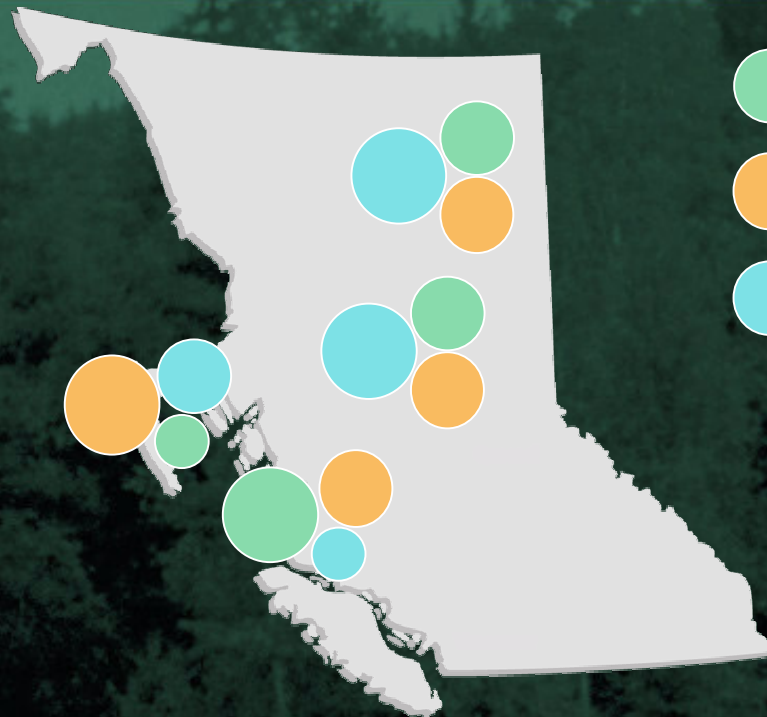


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EBM - Resilient Communities ***Meet or exceed minimum thresholds to sustain values***



EBM - How to Balance Values Over space

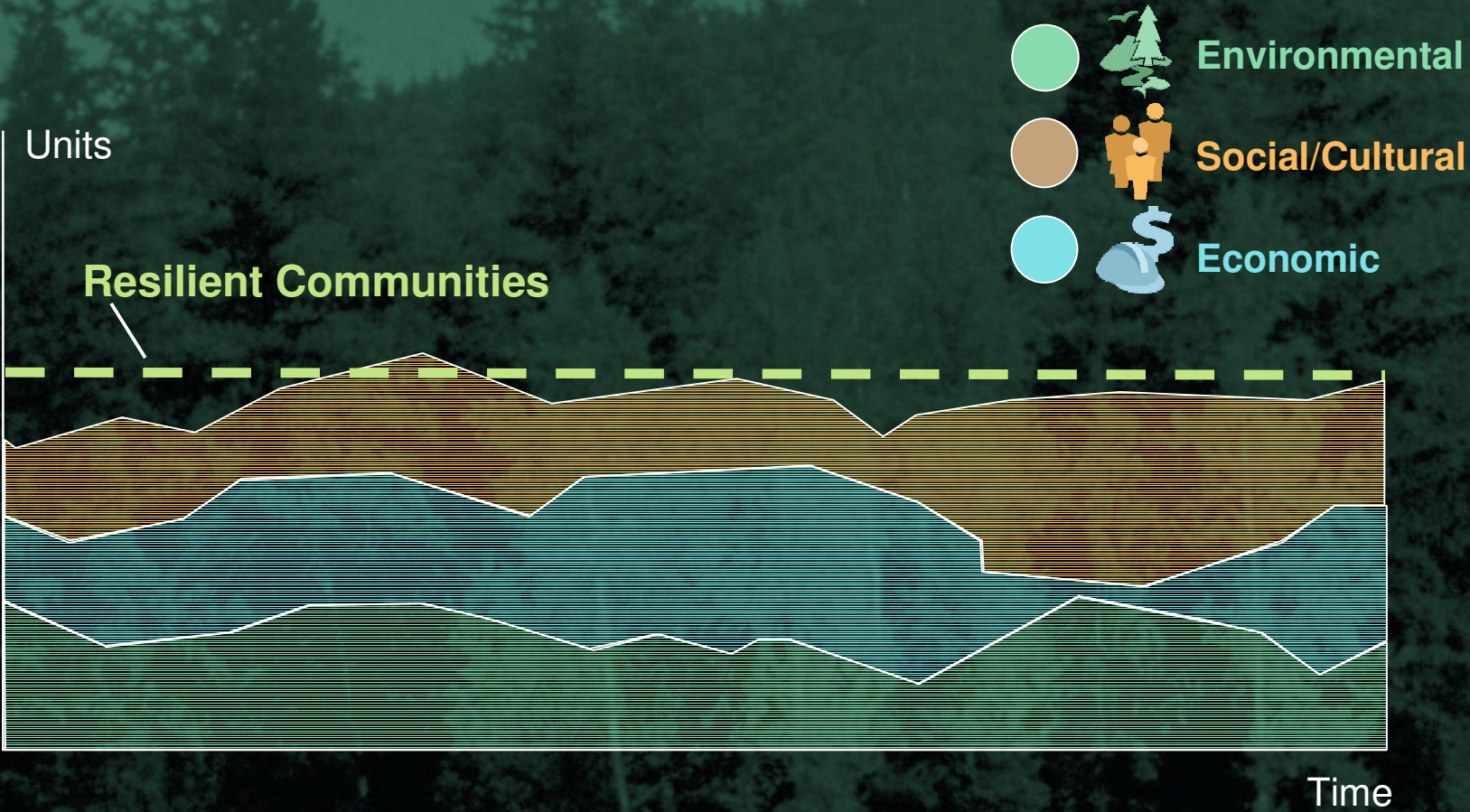


-  Environmental
-  Social/Cultural
-  Economic



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EBM - How to Balance Values Over time



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EBM - How to Balance Values

A collaborative decision



Unstable

Resilience

Unstable



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EBM - Resilient communities ***Partnership***



*“.... for you to
gain, those you
deal with
should gain as
well.”*

(Alan Greenspan)

EBM Fundamentals

Commitments

- Collaboration
- Vision
- Goals
- EBM planning
- Operating principles



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EBM Fundamentals

Collaboration

- Agreement to work toward common (inclusive) goals
- Team approach
- Interest based problem solving – not negotiations
- Respect for interests of others
- Acceptance of mandates
- Transparent process

Governance

EBM Implementation Team

- Key constituencies/interests
 - E.g., Local Gov't, First Nations, BCTS, conservation, recreation, forest tenure holders, private land owners
- Terms of Reference - in brief
 - Balancing ecological integrity & human well-being guidance
 - Advisory to tenure holders & Government
 - Oversight of EBM Implementation
 - Policy direction to EBM Technical Team
 - Responsible for communications to interested parties
- Recovery Steering Committee?

Governance

EBM Technical Team

- Technical expertise from:
 - Primary resource operating companies in watershed
 - Government
 - First Nations
 - Local experts
- Terms of Reference - in Brief
 - **Technical** exercise
 - Develop a **technical** EBM strategic plan
 - Monitor the implementation of strategic plan
 - Identify priority resource data gaps
 - Develop adaptive management & monitoring plan

EBM Structure Components



- Values
- Management objectives
- Analytical framework
- Strategic plan
- Personnel

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EBM Structure

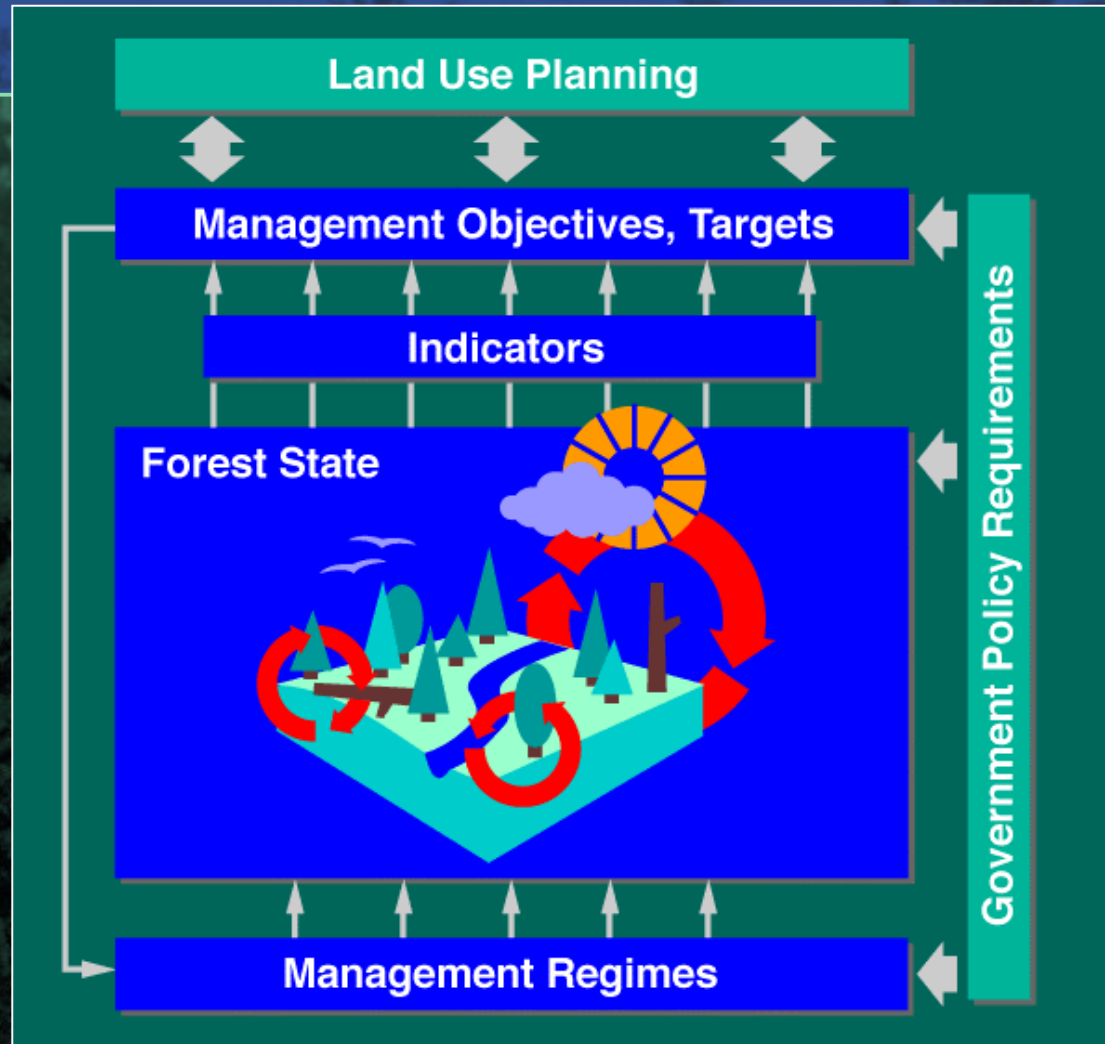
Values and Objectives

- EBM values – potential sources
 - Englishman River watershed recovery plan
 - First Nations land use plan
 - Regional land use plan
 - Other guidance documents

- EBM management objectives
 - Existing documents

EBM Structure

Analytical Framework



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EBM Structure

Strategic Plan

- Spatially and temporally explicit plan
 - Required to balance EBM components
 - Social choice mechanism required
- Incorporates adaptive management & monitoring
 - EBM is a process of constant learning & change
- Used to guide development of operational plans
- Updated every 5 years

EBM Structure

Personnel

- Desired skill sets
 - Technical
 - Interpersonal
 - Communications

- Performance measures must include:
 - Innovation
 - Long and short term measures
 - Collaborative successes
 - Communications to interested parties
 - Meeting strategic and short term objectives/goals
 - Annual budget/plan goals

EBM Communications

- Extension - internal & external
- Third party audit – certification
 - Utilize ISO and potential certification
 - integrate operational monitoring, Gov't auditing & certification
- Public reporting



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EBM Framework

Summary

- EBM Concept - collaborative partnership in building resilient communities
 - Balancing social, cultural, environmental and economic values & interests
- Fundamentals
 - Commitment to a vision, goals, EBM, operating principles, mandates & collaboration
- Collaborative governance structure involving implementation & technical teams
- EBM implementation structure including
 - Values, goals, management objectives, analytical framework & personnel skills
- Operations that include key components to implement & report progress on EBM
- Communications that demonstrates progress, provides opportunity for comment & recognizes achievements

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