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Partnership in the canoe



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Hawaii Interfaith
Power & Light

Partnership & Economics
HIPL
LL & Rec



The Interfaith Alliance Hawai'i

Providing a positive, healing role in Hawai'i with people of faith, goodwill and aloha

interfaithalliancehawaii.org

Canoe



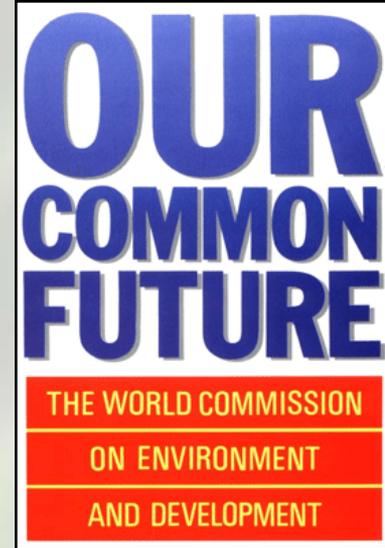
the real voyage of discovery consists not in seeking new landscapes
but in having new eyes.

- marcel proust

... is **development** that meets the needs of the present without compromising the ability of **future** generations to meet their own **needs**.

Brundtland Commission

World Commission on Environment and Development, *Our Common Future* (Oxford, UK: Oxford University Press, 1987). p 43.



Moving towards Sustainability

Strong Sustainability

- Holds natural capital constant.
- Assumes HK & NK are *complements*.

Weak Sustainability

- Holds total capital (natural & human) constant.
- Assumes they are *substitutes*.

Economic growth converts natural capital to human-built capital, goods and services.

Neo-Classical Economy (NCE), ca 1800s

Vision

Empty world

Closed Circular

Macro

Allocation

Growth

Abstract

Substitutable



Cons

No limits

No throughput

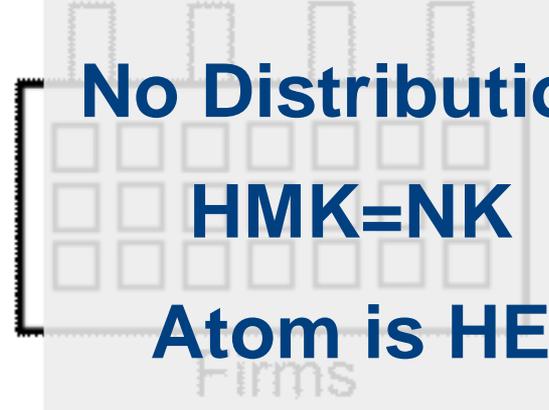
No Scale limit

No Distribution

$HMK=NK$

Atom is HE

Brittle Failure

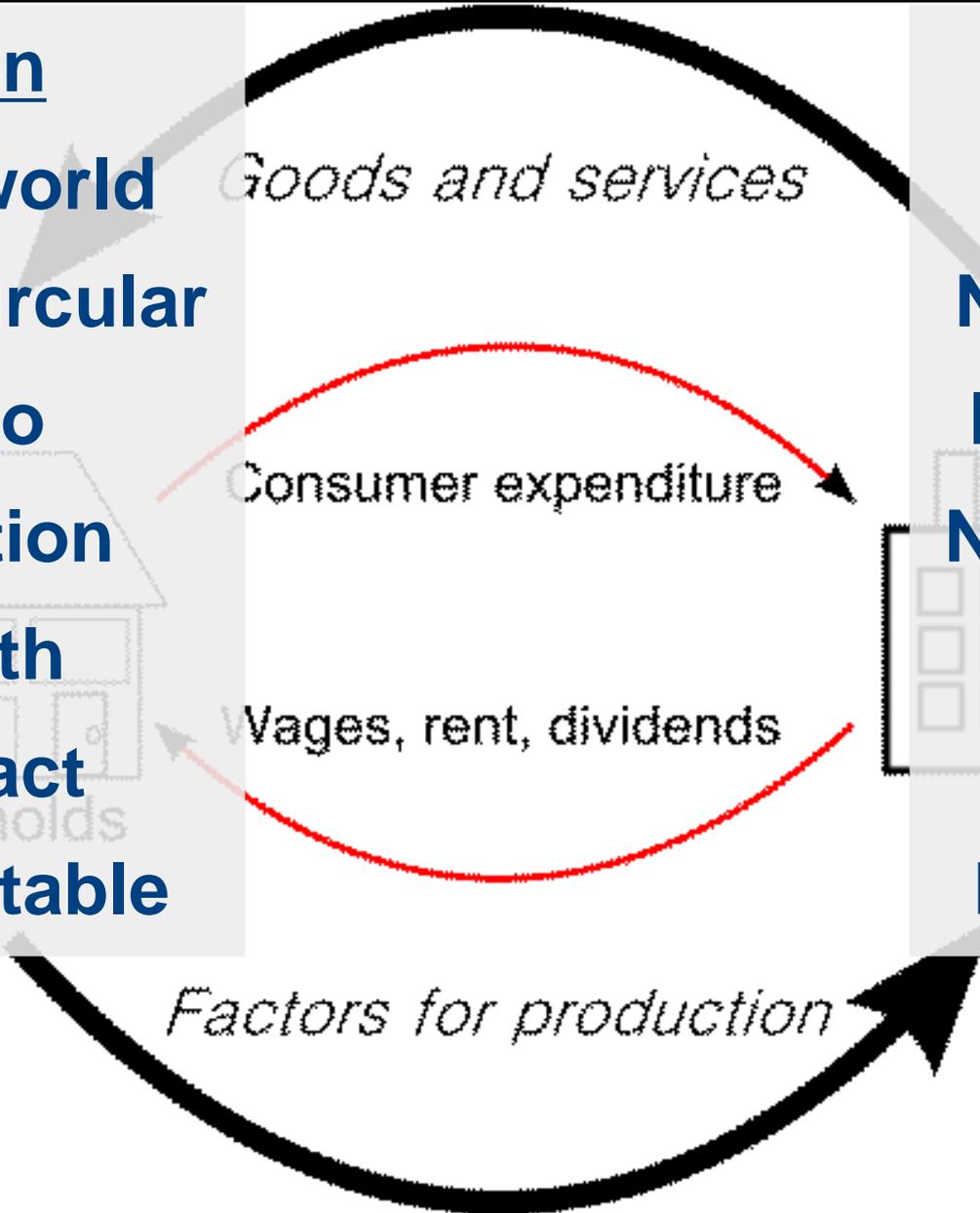


Goods and services

Consumer expenditure

Wages, rent, dividends

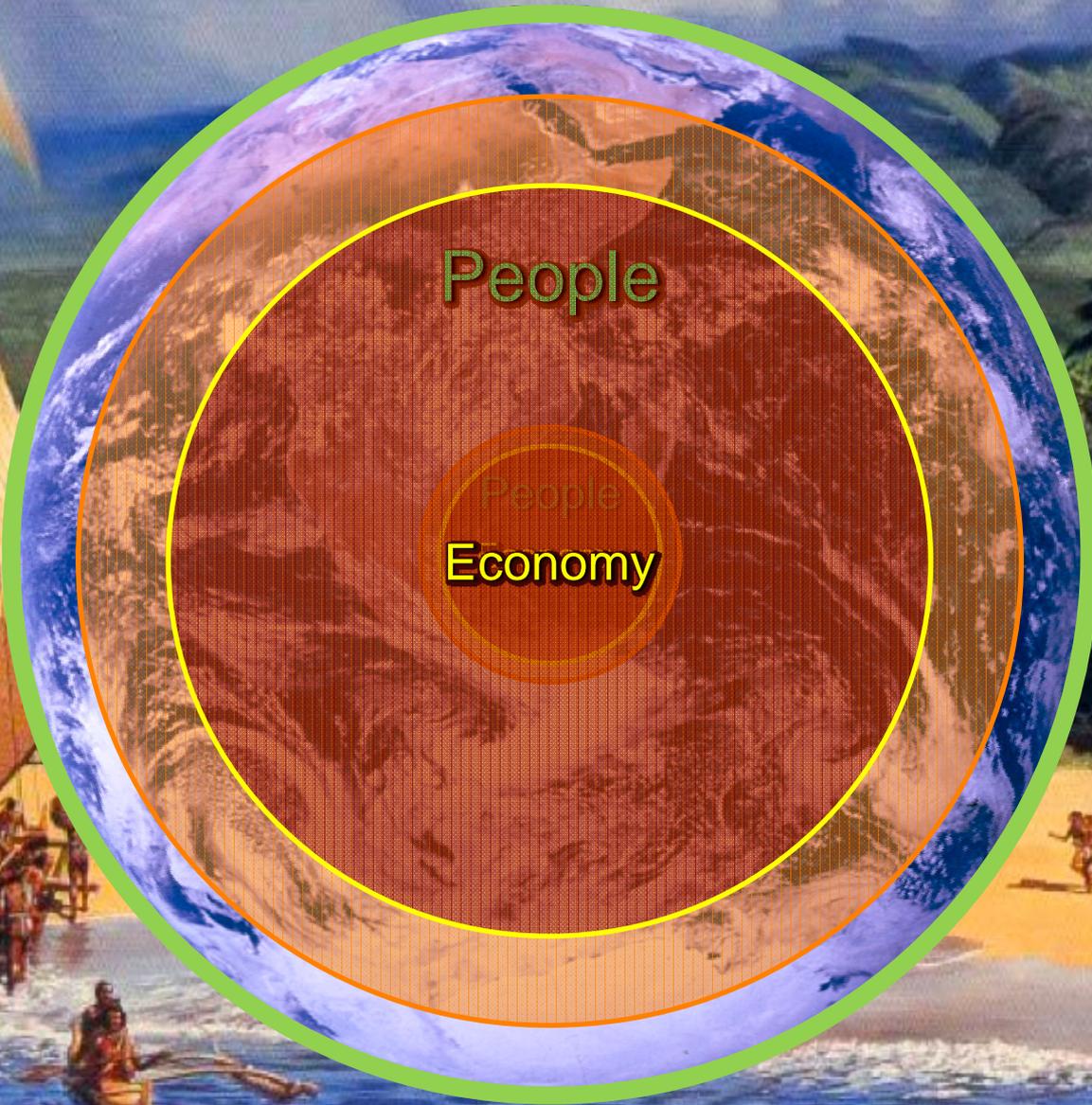
Factors for production





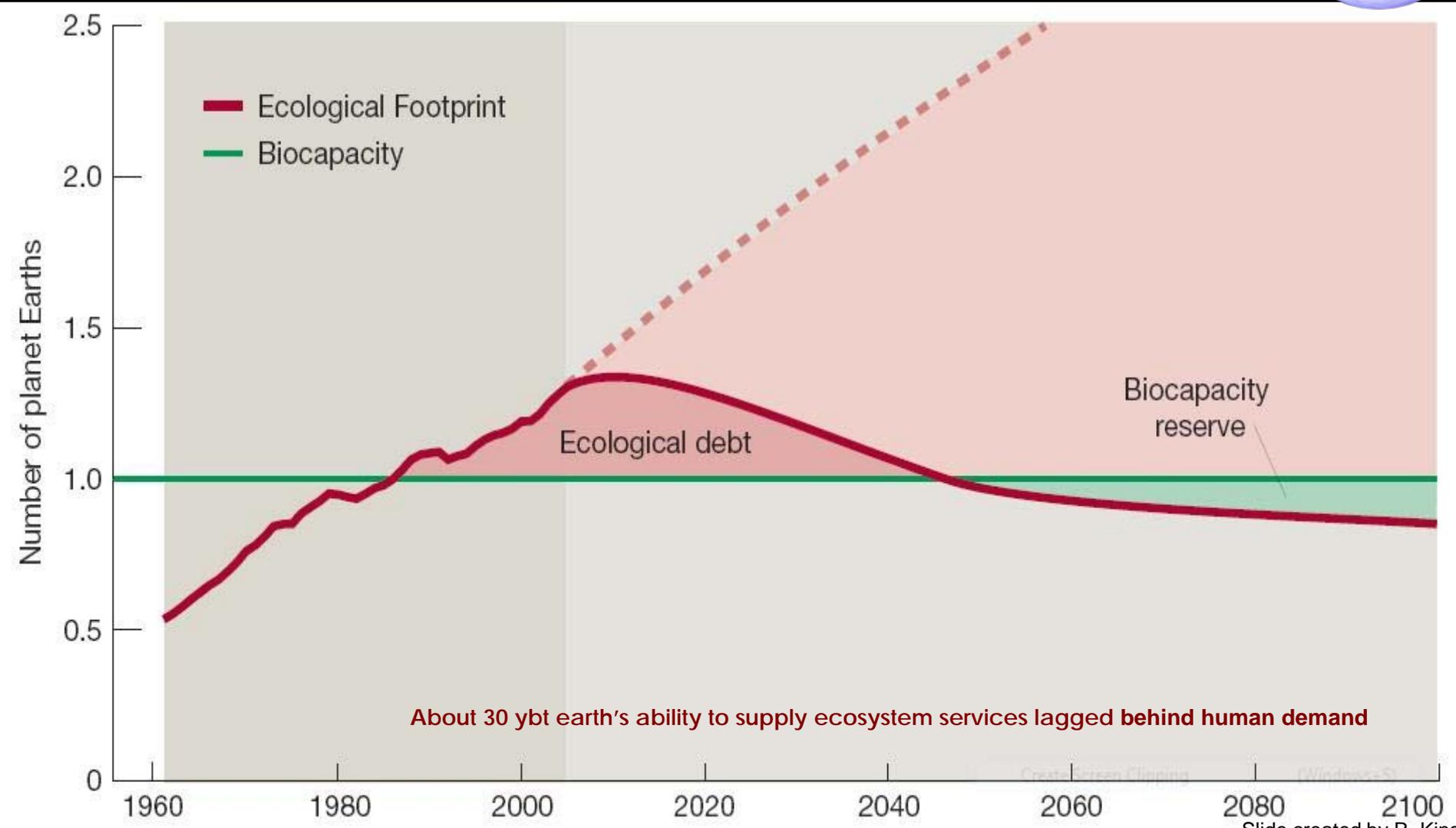
Full World - today

Empty World - 300 ybt





Footprint & Bio-capacity



When natural capital was abundant, and human capital was scarce, we could consume natural capital to enhance human capital

Now when human capital is abundant and natural capital is scarce we must conserve and enhance natural capital

The sigmoid curve, commonly used to represent the growth of wildlife populations, here portrays the human economy growing over time at the expense of the economy of nature. As natural resources are extracted to fuel the cash economy (measured by GNP), wildlife habitats and species are lost.

Time

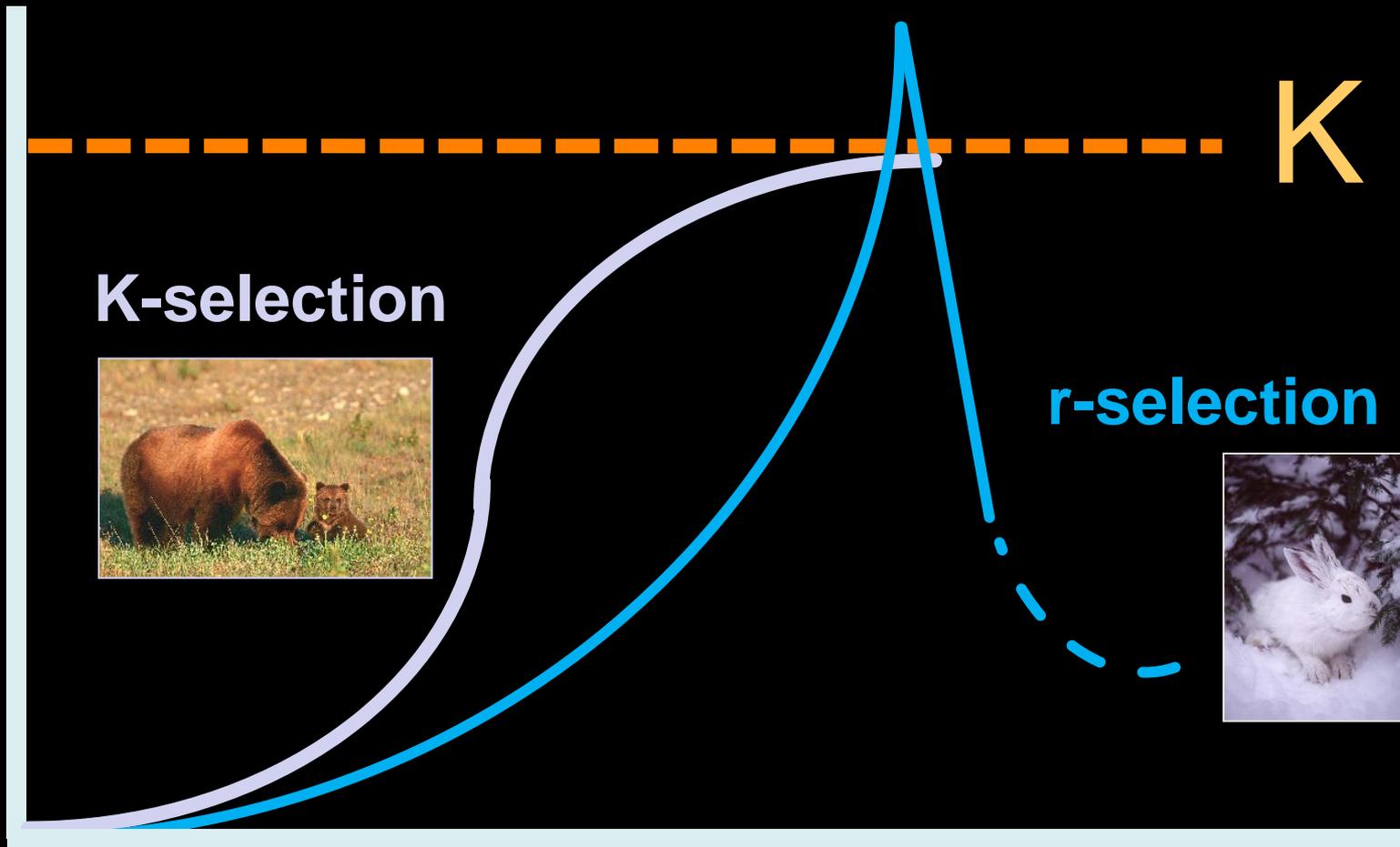




Ecological Carrying Capacity

Scenarios

Individuals



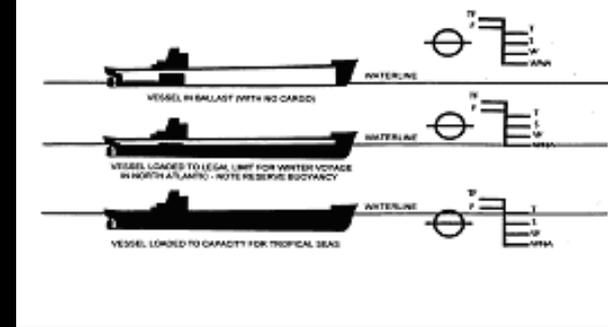
Time





Plimsoll Line

Scale < Carrying capacity



54
52
5M
48
46
44

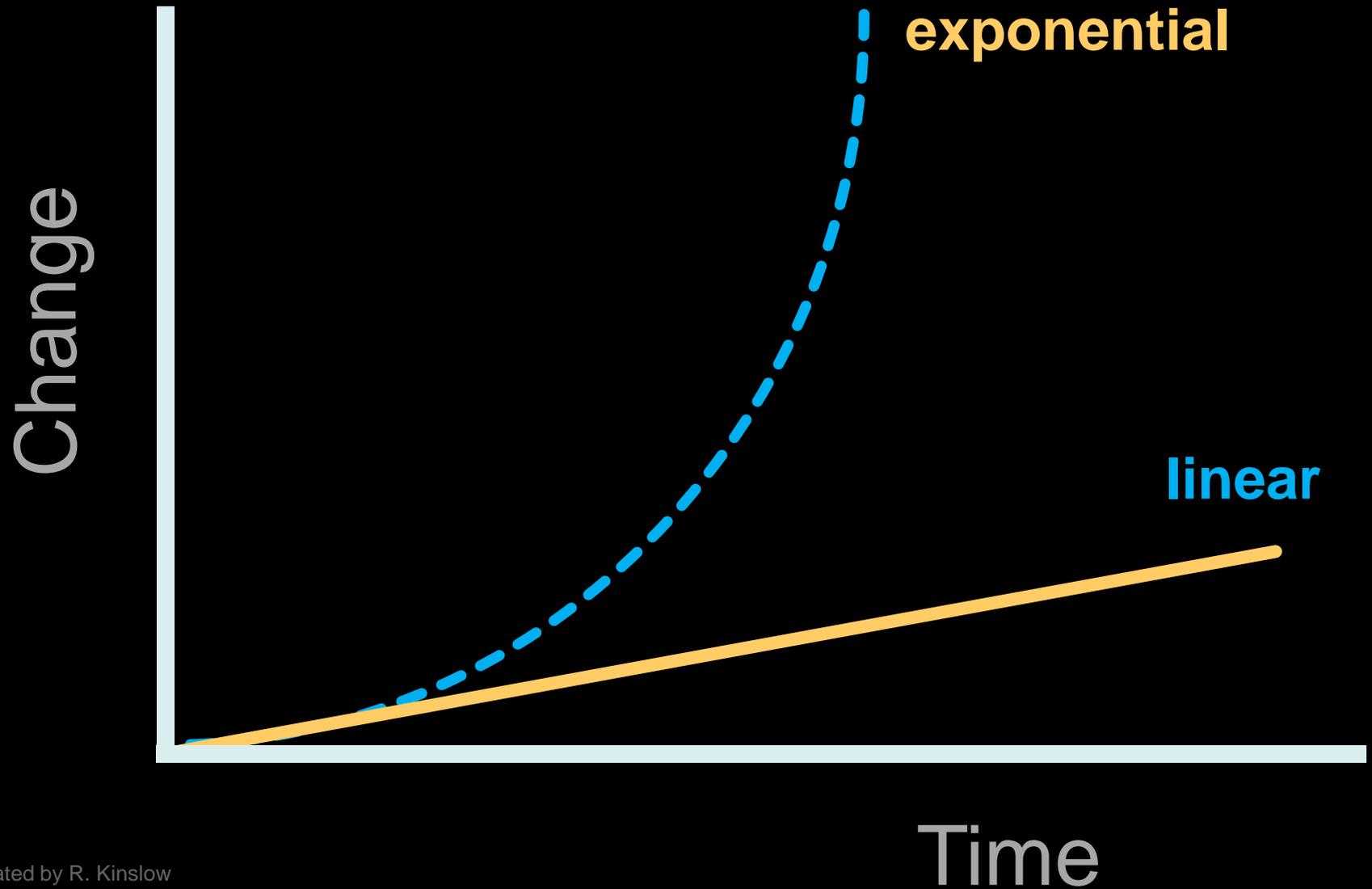
How big is our economic subsystem relative to our canoe?

How big can it be without sinking our canoe?

How big should it be in order to optimize life in our canoe?

Need: Policy instrument to limit scale of economy from sinking our biospheric canoe

Non-linear responses





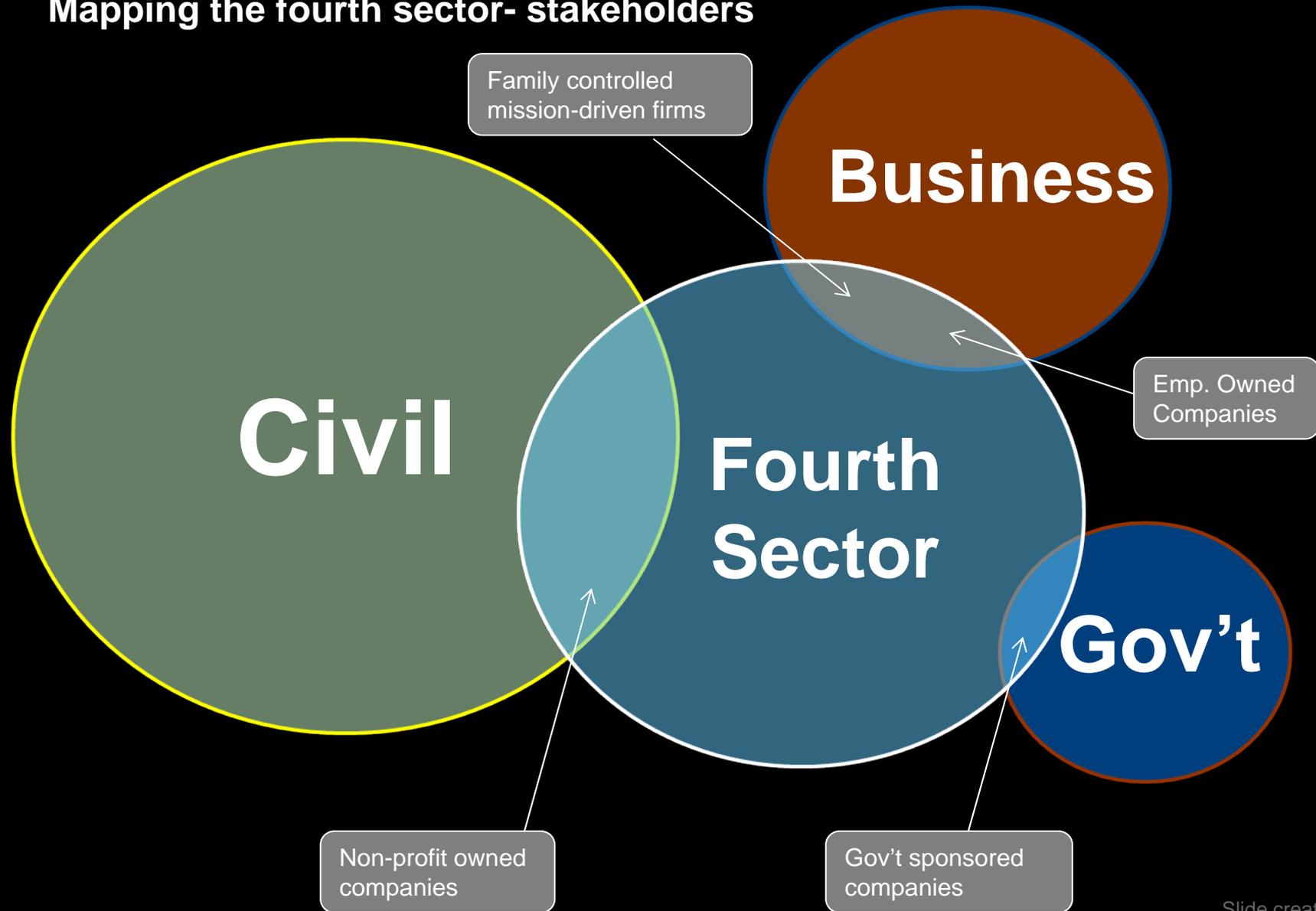
Partnership economics

adaptive response

- the economy is a subset of the environment
- *growth* in population and consumption levels is not sustainable
- *renewable* resources must be harvested at less than the rate of natural replenishment
- *non-renewable* resources must be recycled, use must decline

Adaptive alternative?

Mapping the fourth sector- stakeholders

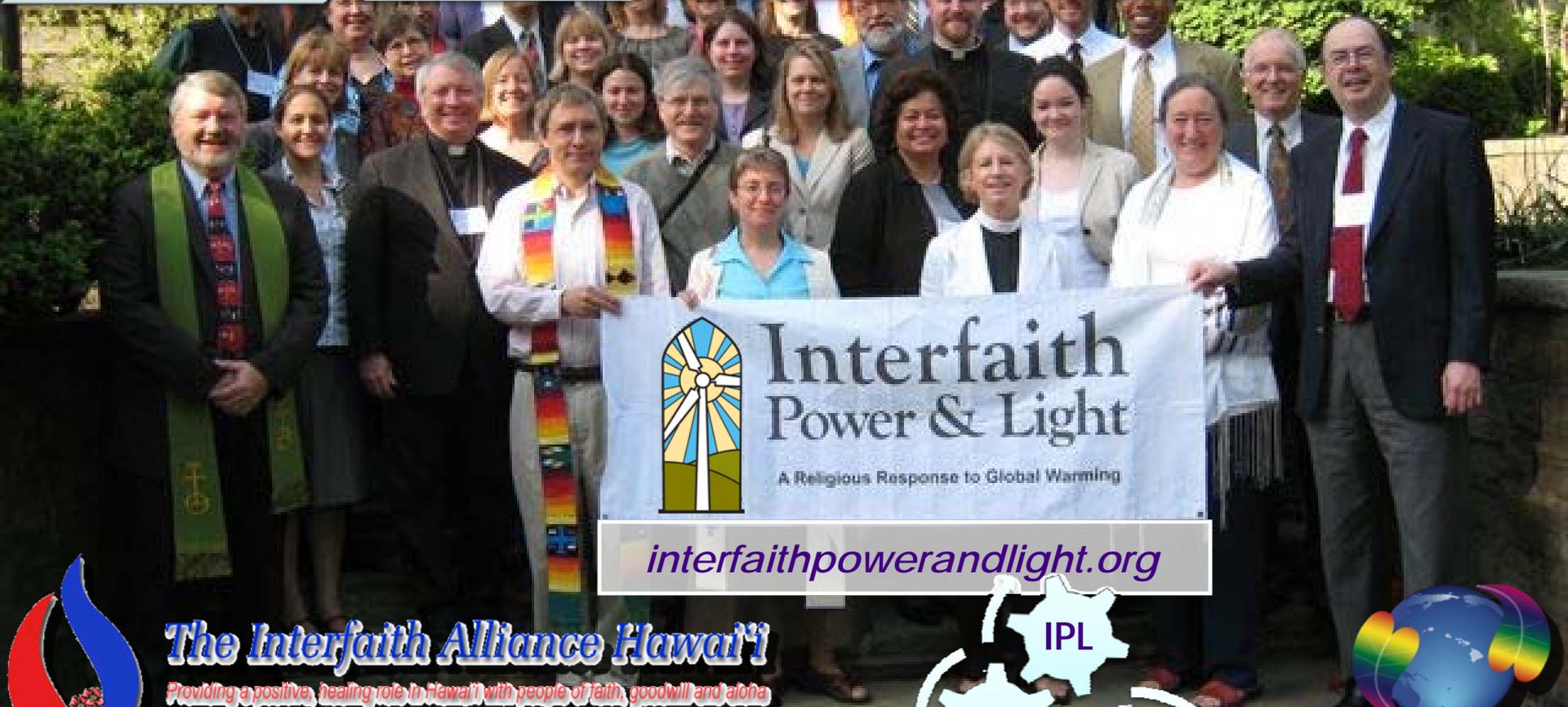


Hawaii Interfaith Power & Light



To be faithful stewards of creation by encouraging indigenous stewardship values, energy conservation, efficiency & renewable energy within Hawaii's faith communities

Encouraging conservation, indigenous stewardship values & energy efficiency Hawaii's faith communities



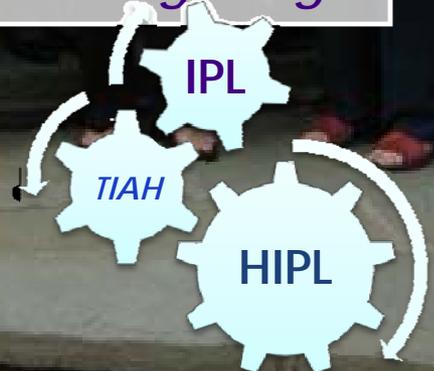
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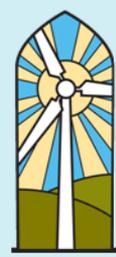
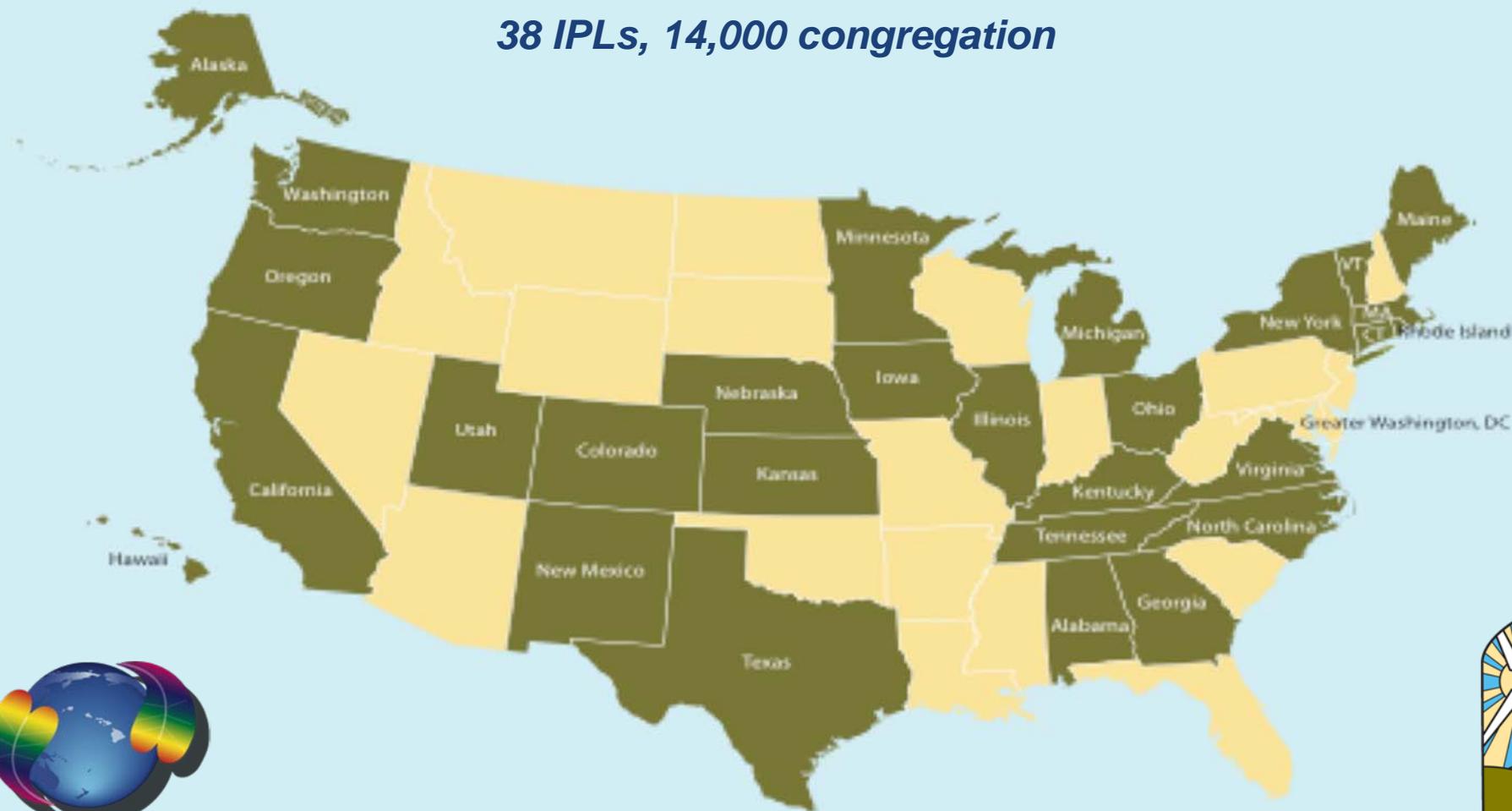
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Partnership network

38 IPLs, 14,000 congregation

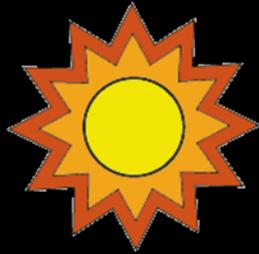


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[Interisland Solar](http://InterislandSolar.com)
solarsupply.com



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PacificBasin.net



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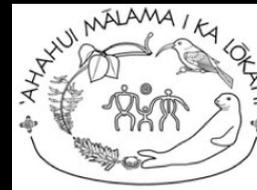


interfaithdeclaration.org

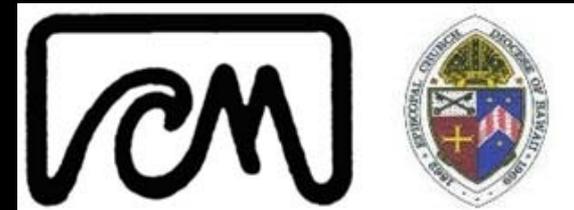


The Episcopal Diocese of Hawai'i

The Right Reverend Robert L. Fitzpatrick,
Bishop



studiobehawaii.org



visitcampmokuleia.com



hawaii.sierraclub.org



World Turtle Trust

"Never doubt that a small group of thoughtful committed citizens can change the world. Indeed, it's the only thing that ever has"
Margaret Mead

world-turtle-trust.org



Room for Improvement

How can we work together?

- “You could make a lot of money if you sold us your list.”
- “Give us access to your members. We’ll give you .x%.”
- Proposed HIPL programs as their ideas.
- Used HIPL strategic approaches to create new biz divisions in conservation and faith outreach
- “We don’t want competition.”

Collaborative approach for mutual benefit missing



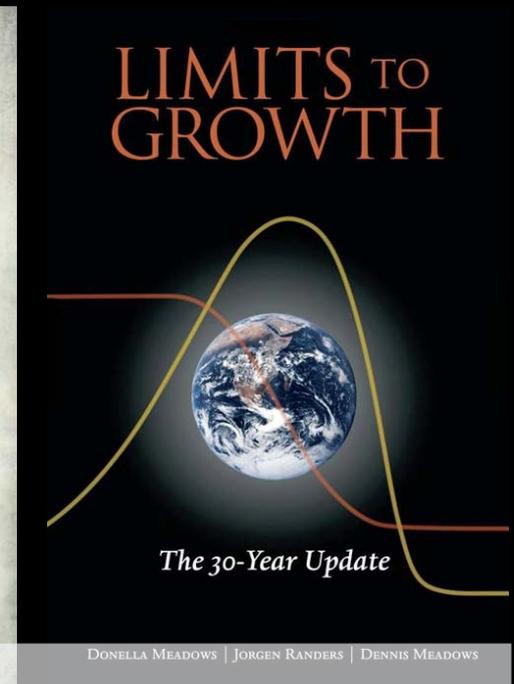
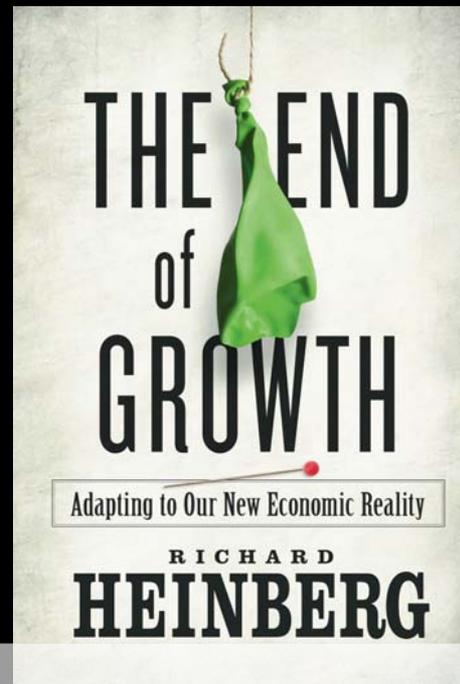
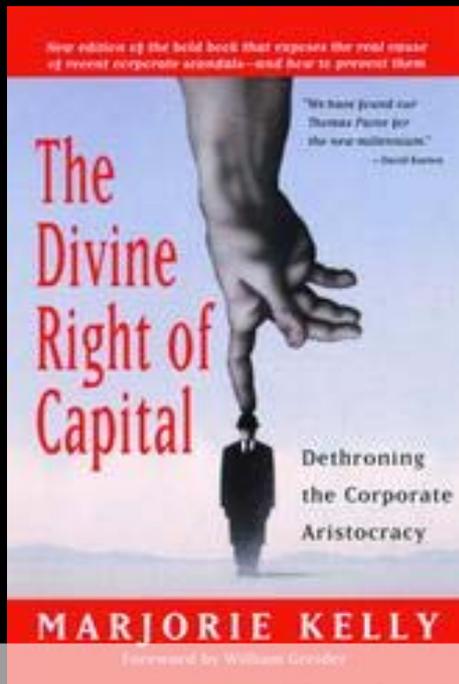
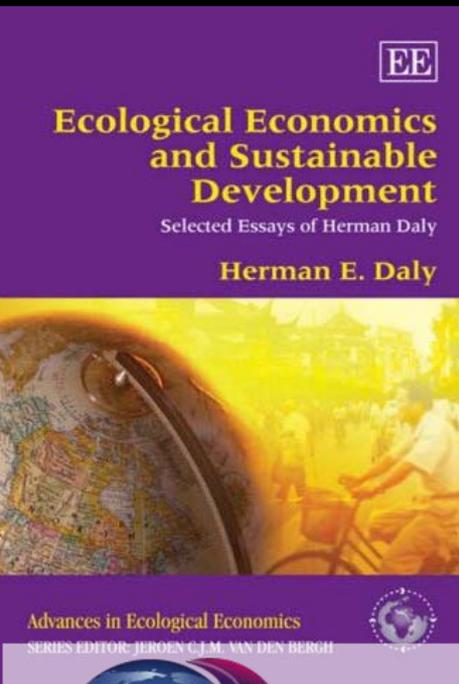
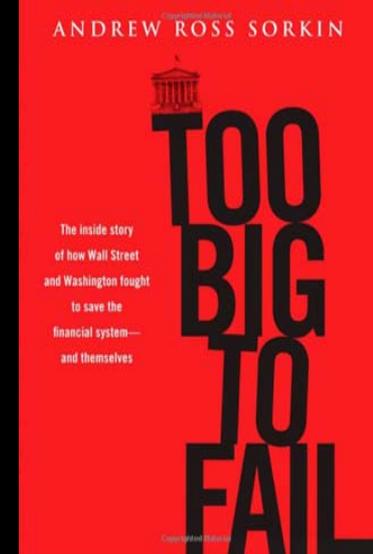
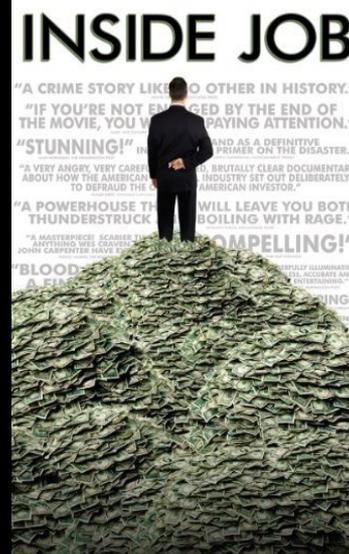
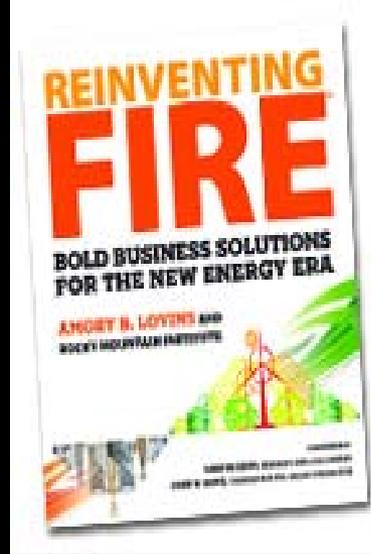
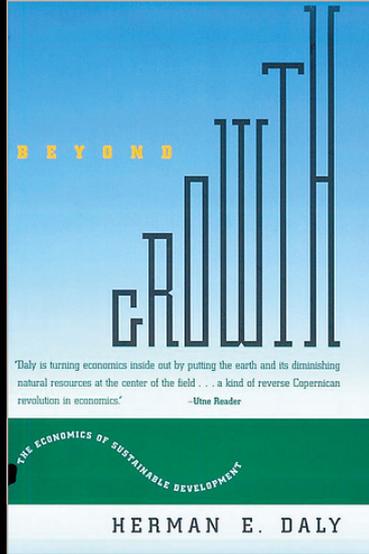
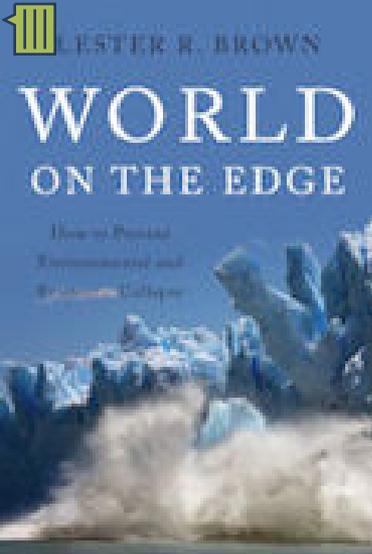
Lessons Learned

- Government & business sectors can learn from community development approaches
- Business can adopt a collaborative approach with NGOs
 - Predatory behavior is not sustainable
- Faith-based relationships require additional trust building
- The PV PPA may not be a primary step for faith-based facilities
- Need for relationship building within our community

Earth Charter



“We stand at a critical moment in Earth’s history, a time when humanity must choose its future.”



Rob Kinslow
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