





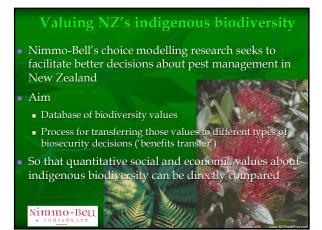




Total systems shift needed

- Environment fully integrated with economics not just 'tacked-on'
- Focus on one aspect over others (e.g. carbon) risks creating further system distortions
- Create real market demand for positive environmental services (not just punish the negative)
- Aligning public net benefit with private net benefit
- Wholesale policy shift from top-down unlikely in short or even medium term.
- Develop innovative initiatives on the ground, demonstrate success and they will catch-on!







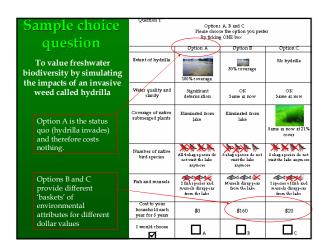


What is choice modelling?

- Economic valuation of things that aren't valued by markets
 e.g. the environment
- Analyses peoples' choices about trade offs between a 'basket' of environment attributes and monetary values
- Using highly structured surveys and complex statistical and econometric techniques
- Used in OECD countries (e.g. USA national parks), and is being considered in international initiatives to value marginal changes to ecosystem services and biodiversity

The choice modelling process

- Simulate a change to the environment that reflects the policy question
- Working with scientists, breakdown the scenario into the full range of ecological impacts
- Develop and test the choice survey using a series of focus groups
- Carry out the survey. Face-to-face meetings beginning with a presentation covering all key facts without bias.
 Demographic information is also collected
- Analyse the results using complex statistical and econometric techniques





What we've learned

- Monetary values useful, but...
- The other insights gained and the wealth of data generated about people's choices is MORE useful and could be very powerful for policy making
 - Relative values willingness to substitute one attribute for another
 - Groups that hold similar values do they have similar characteristics?
 - Does distance from the ecosystem affect values held? Not necessarily
- Public education and participation tool

Trust funds for development

- Seeding capital for an investment portfolio to generate revenue for development
- Fund capital maintained in real terms
- Growth redistributed to recipient country through a holding account allowing smooth flows of revenue even when the market fluctuates
- Revenue can be reinvested to grow the capital asset base over time
- Balance between local participation and independent governance

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Potential for tropical forests? Yes

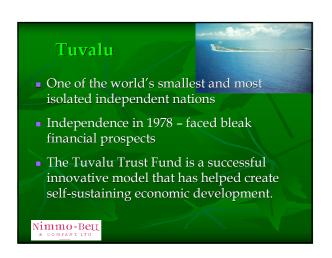
- For tropical forests, we could design a choice survey that looks at:
 - Different groups in society, in developed and developing countries
 - A range of environmental attributes (water, carbon, biodiversity)
 - Different development scenarios (protection, sustainable forestry, degradation and forest conversion).
- The aim would be to find out what trade-offs need to be made, and by who, to deliver the greatest net benefit to society.

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Fosters	economic self-reliance	
Bilateral aid	Trust funds	
Ongoing need for investment	Asset built up over time eventually enabling self-reliance, or even return of initial capital to donors	
Funds under control of Donor	Revenue from fund under control of recipient country, but governed by Independent Board	
Results in		
Dependence	Economic self-reliance	
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Sovi Basin (Fiji) Lowland rainforest in a biodiversity hotspot Local people willing to forego logging for a comparable income stream We developed an outline for Trust Fund governance and undertook initial community consultation Conservation International and FIJI water now providing the endowment funding



Revenues will be used to Cover management costs of the Sovi Basin Compensate communities for foregone logging revenue Cover annual lease payments to Sovi Basin landowners Support community development Nimmo-Beut COMMANY LTD







Conclusion

- Declining public budgets
- Financial crisis
- Future of aid \$\$? Still a great need
- Engage the private sector
- 'Green' is the new product, leading to whole new industries
- Why not combine these three tools (and others) to capitalise on this for the benefit of tropical forests and the development of communities that live in and around them?

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