

# A3: Integrated socio-economic scenarios of environmental change

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## 1. Key points for communication at COP9

- 3 conditions should be reached:
  - raise awareness and prove the urgency of the problem (and offer an appealing alternative future world)
  - provide feasible (technical & fair) solutions (factor 10 club; global compensation mechanism safeguarding biodiversity?)
  - governmental regulation necessary (social dilemma)
- Limit the maximum conversion of ecosystems (political choice, but insight on contribution of ES to economic value helps)
- Need for a new economic paradigm based on carrying capacity of ecological systems (a new type of GDP)

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## 2. Possible contributions for COP10

- measure and model all CBD-indicators, incl G&S
- run scenarios on sustainable ecosystem use -> major & minor factors
- develop maps of best conservation opportunities
- importance of red list species in the Total Economic Value-framework
  
- “make the Japanese (Nagoya) aware of that list of problems”

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## 3. Elements for the research agenda

- how to block human escapes to overcome ecosystem depletion (tunneling through)
- quantify trade-off between direct land use (goods) and reg. services