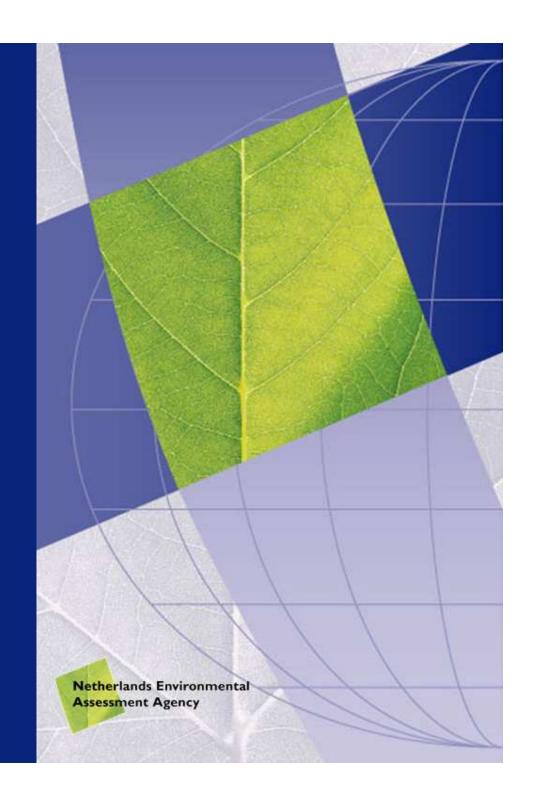
Giving policymakers a view on the road ahead,

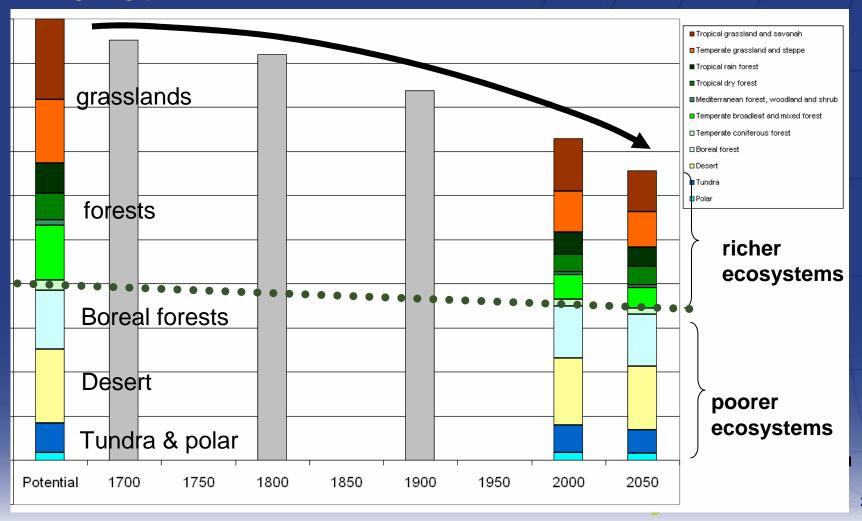
driving 100 km/hr



Ben ten Brink

1. What is happening?

Biodiversity loss accelerates from 1700 to 2050 with ongoing policies



Global economy will grow

4 x

the current one

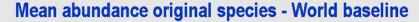
by 2050

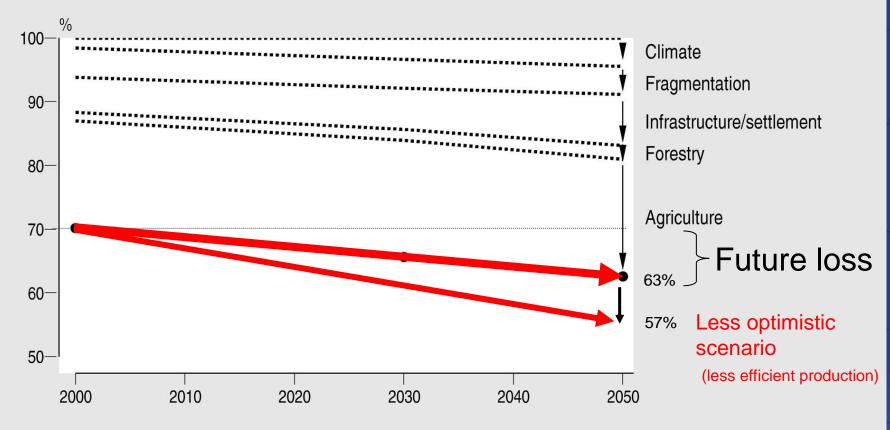
- 1.5 x global population
- 3 x income per person

Sources: OECD, IEA, FAO

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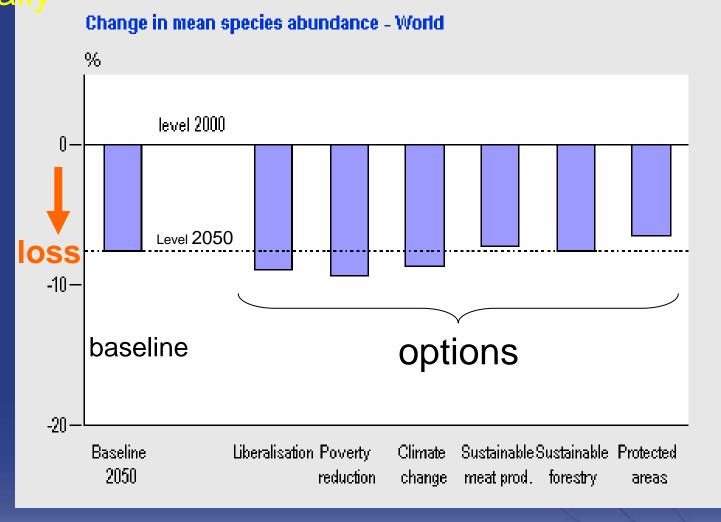
Global loss straight down: 70% -----> 63% - 57%





Datum: 20-dec-2005

Options hardly reduce loss, sometimes even worsen initially



Our socioeconomic systems float on healthy ecosystems

Adequate & timely information is key to safeguard biodiversity and its G&S

We have selected appropriate 2010-indicators, but

ECOSYSTEM INTEGRITY, GOODS AND SERVICES

- Marine trophic index
- Connectivity/fragmentation of ecosystems
- Water quality in aquatic ecosystems
- •
- •

SUSTAINABLE USE

- Area of ecosystems under sustainable management
 - > Forest
 - Agriculture
 - > Fishery
 - Aquaculture
- Ecological footprint
- •

STATUS AND TRENDS OF COMPONENTS OF BIOVERSITY

- Trends in extent of selected biomes, ecosystems, habitats
 - Coverage of protected areas
 - Trends in abundance and distribution of selected species
 - Change in status of threatened and/or protected species
 - Trends in genetic diversity of domesticated animals, cultivated plants, fish species of major socioeconomic importance

THREATS TO BIODIVERSITY

- Nitrogen deposition
- Numbers and costs of invasive alien species
- Impact of climate change
- •
- •

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, Safe landing so

No regular monitoring & information system exist

No underlying budgets

NO composite indicator and common baseline of 'change in abundance of selected species'

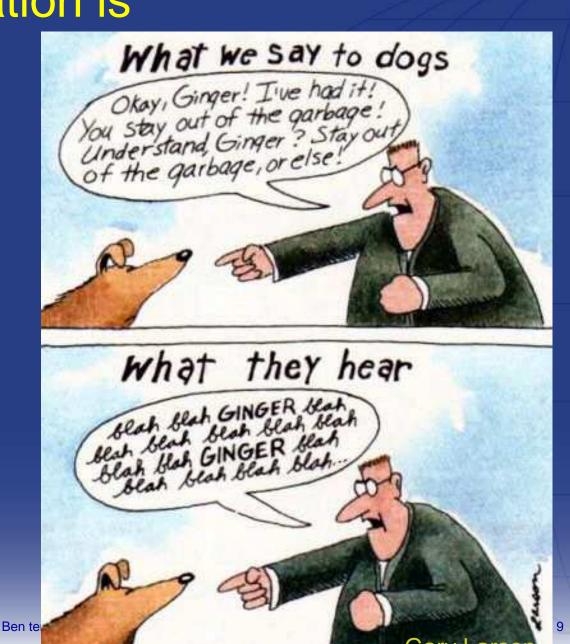
NO adequate indicators of goods & services



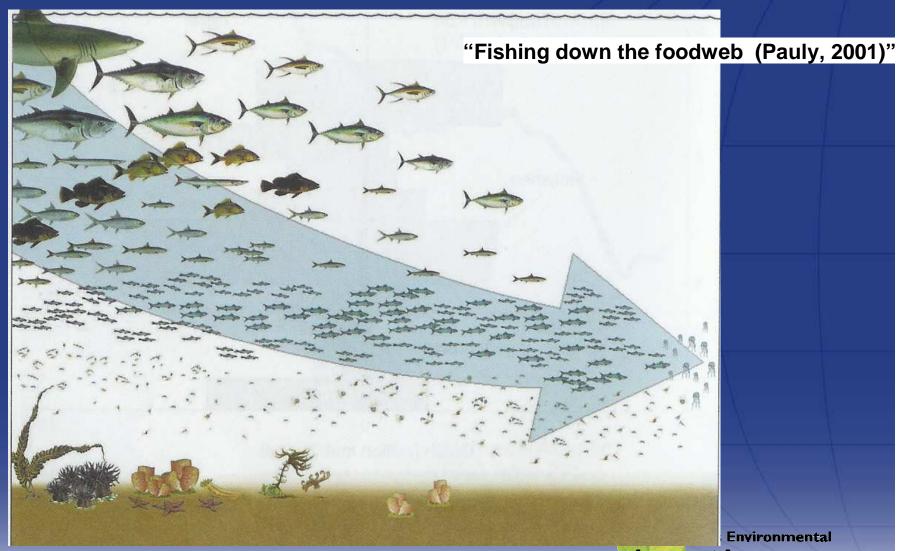
Current information is

anecdotic, caleidoscopic, incomplete, incoherent, not appealing, not effective

not understood



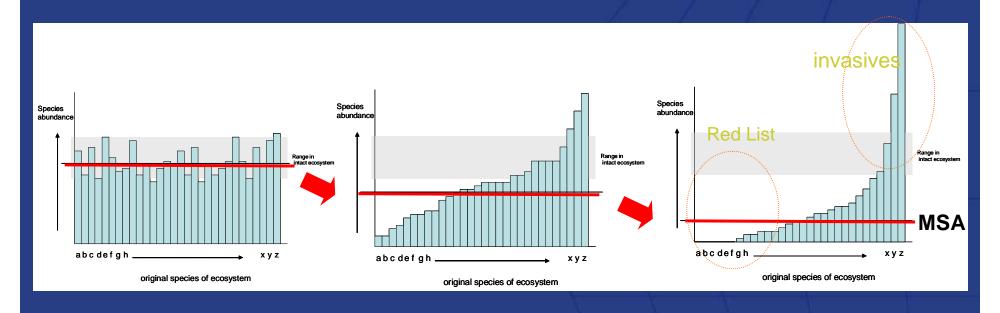
2. Why is it happening? We homogenise



Can we measure it?

mean species abundance (MSA)

You need a common baseline



Time

Sure....use a shopping bag of species

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We parcelate nature

maximising 1 function

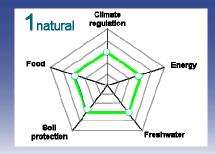




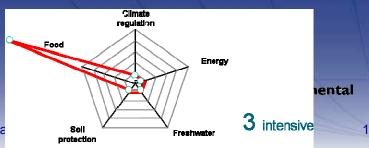
timber plantation	Water basin		National Park	
	Shrimp farm		golf	
crops	cattle	road		city
		Energy crop		

multifunctional

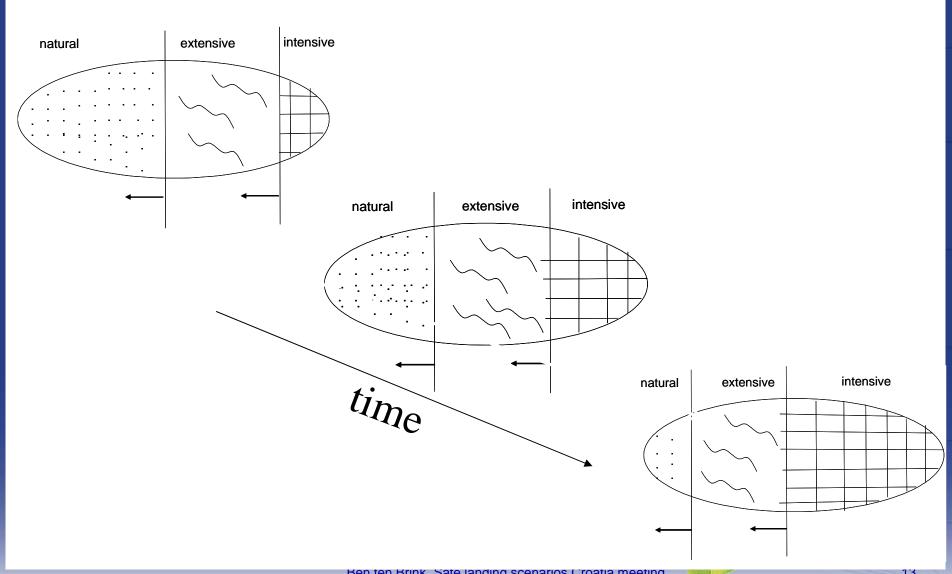
monofunctional



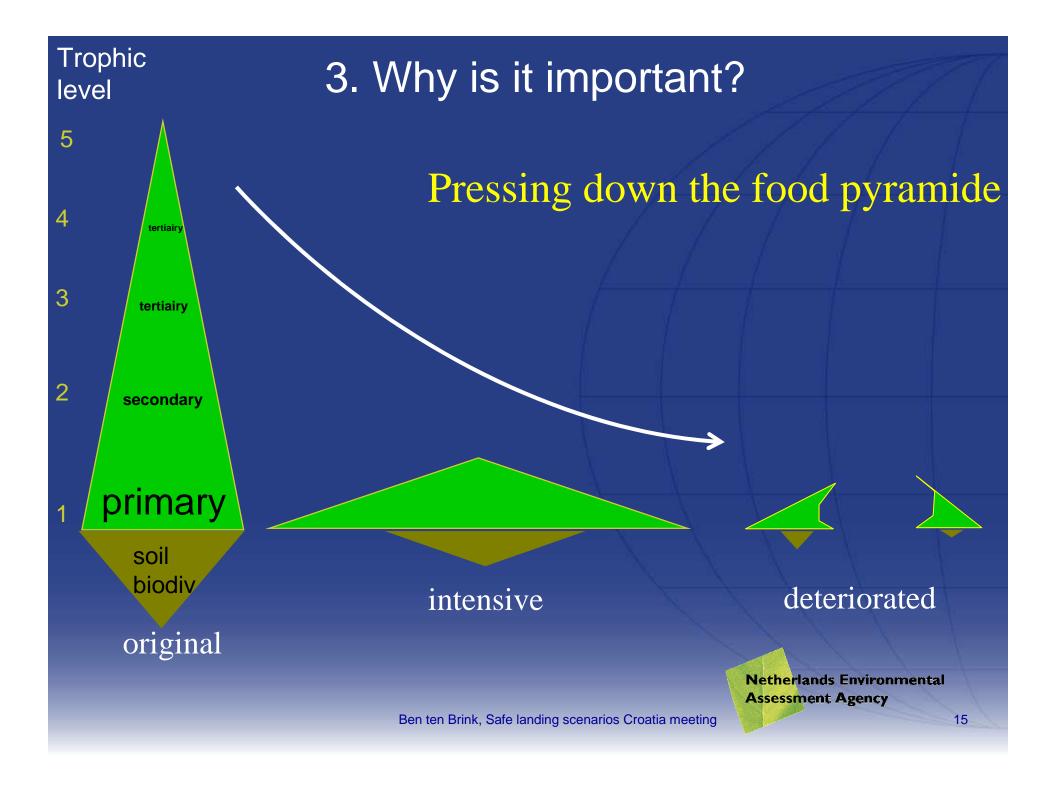
Ben ten Brink, Safe landing scena



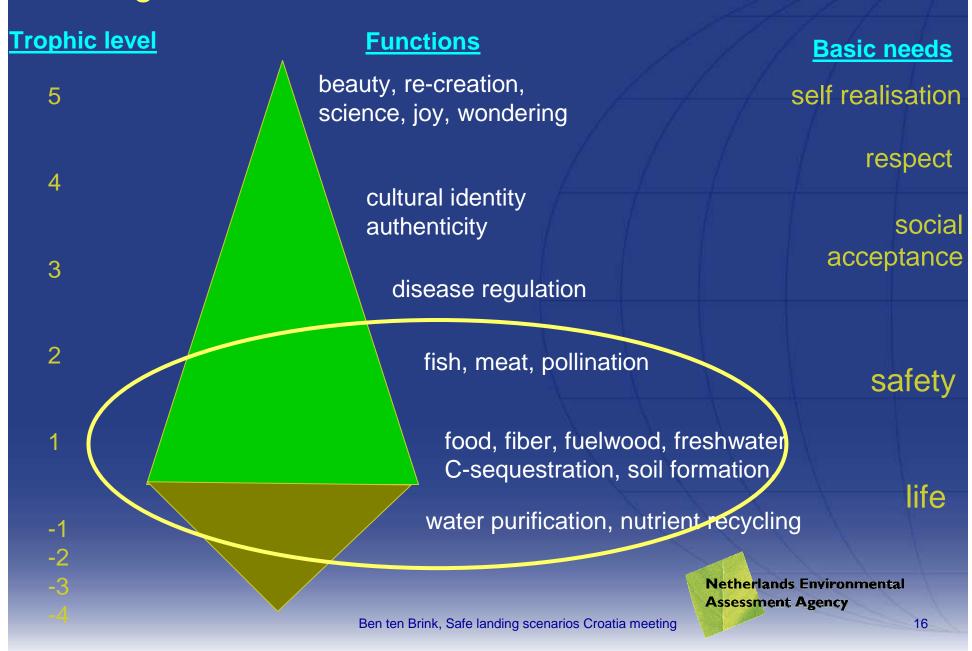
We parcelate the world, until how far...?.



What we see at the Forest Grassland 100% landscape level Environmental Agency 0% Croalia meetii ton brink, care landing sce



Most goods & services down-under



The world becomes flat

Soon Upper basic-needs will influence compagny's decisions where to settle

Natural and cultural identity & authenticity

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4. What can we do about it?

Give policy makers a clear view on the road ahead,

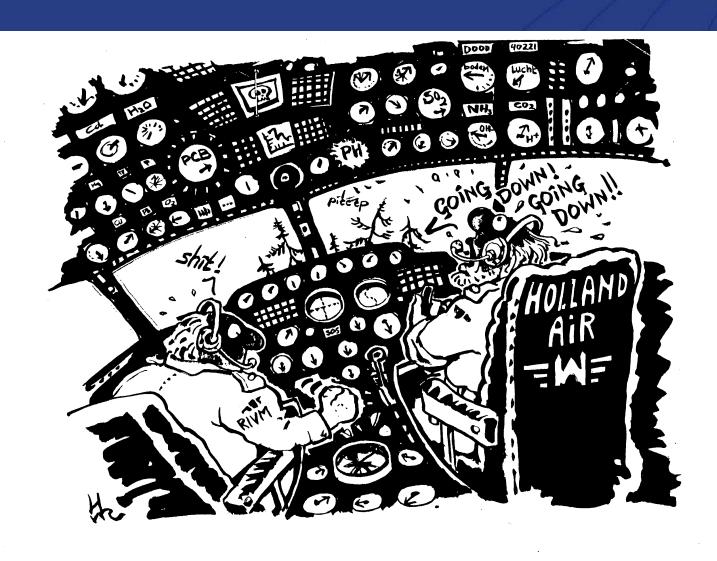
driving 100 km/hr

and how they can Steer

Time for a **grown up** CBD information feedback system?

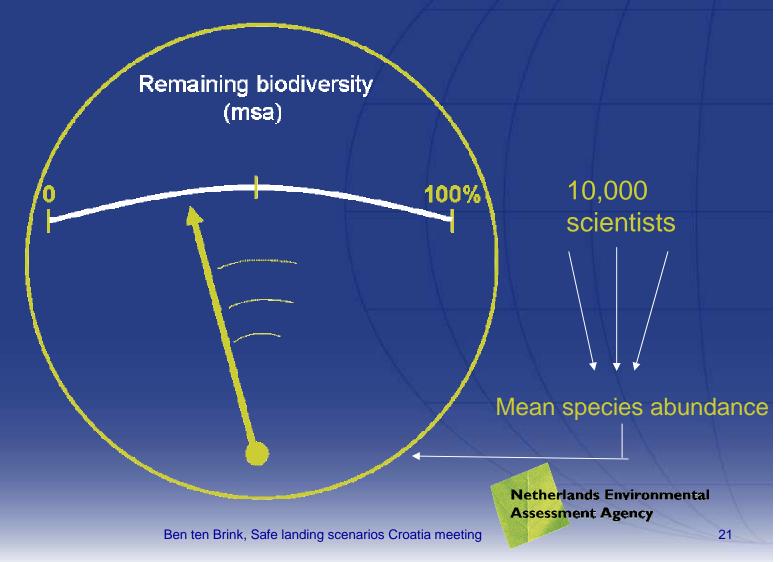
- indicator-based
- standardized
- solution-oriented
- region-specific

Heading for a biodiversity cockpit?



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Heading for an 'Ecological Dow Jones clock' at Des Champs Elysees?



What can we learn from:

- IPCC reporting & communication process?
- Economic policy feedback cycle?
- Al Gore?

Thank you

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