



platform biodiversity,  
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# Setting up a No Net Loss system in the Netherlands



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## No Net Loss goal

- Companies commit not to cause further loss of:
  - the extent and quality of all (semi)natural ecosystems in the EU
  - the quality of surrounding cultural landscape in the EU
  - the extent and quality of a selection of (semi)natural ecosystems world wide
- Unit of measure
  - Extent: ha
  - quality of ecosystems: species composition (MSA)
  - reference date: 2011
- Realization through:
  - co-operation; NNL is a joint effort
  - application of the mitigation hierarchy
  - zero-impact of pressure factors



# Pressure factors

Growth of human population and global economy	Drivers for biodiversity loss	global		regional					local		
		Climate change	Pollution	Habitat loss	Habitat fragmentation	Acidification	Eutrophication	Desiccation	Over-exploitation	Invasive species	Disturbance
	Air emissions	●	●			●	●				
	Effluent		●				●				
	Solid waste		●								
	Liquid waste		●				●				
	Land			●	●						
	Energy	●		●	●				●	●	●
	Raw materials			●	●				●	●	●
	Water			●				●			
	Living material								●	●	●
	Noise			●	●						●
	Light			●	●						●

Steven de Bie, 2014



# How companies can contribute to biodiversity





# Reduce impacts

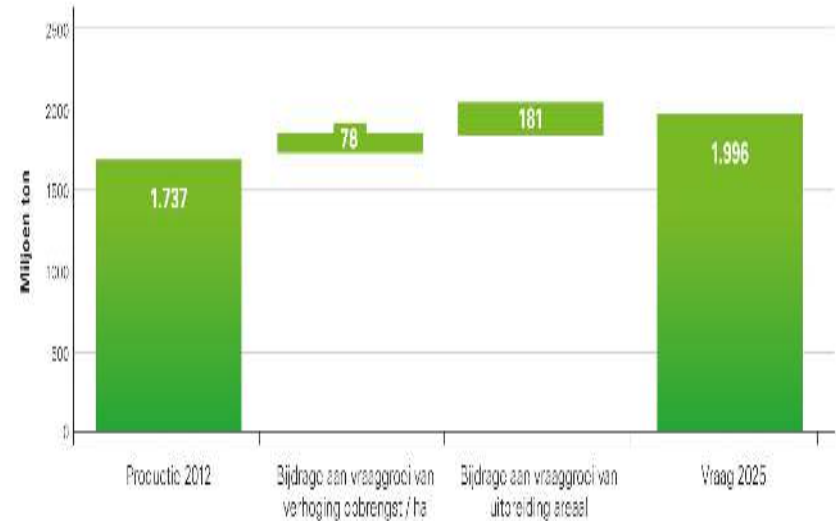
## Avoid/ mitigate:

- Improve processing
- Use material with lower footprint, sugar beet instead of sugar cane
- promote productivity in current production area

## Innovate

- Use new materials, like Stevia:
  - 200x sweeter
  - area needed -80%
  - CO2 -72%
  - water -96%

Figuur 6: Rietsuiker - Scenario's voor het voldoen aan de toekomstige vraag  
Bron: OFSO-FAO Agricultural Outlook 2013-2022, KPMG-analyse



KPMG, 2014



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## Recommendations to the EU

- Work with all stakeholders
- Stimulate rather than regulate
- Stimulate uniformity in the approach
- Include all pressure factors, not just land-use
- Pay attention to the whole value chain

