

New methods and indicators supporting policies for sustainable consumption in Sweden



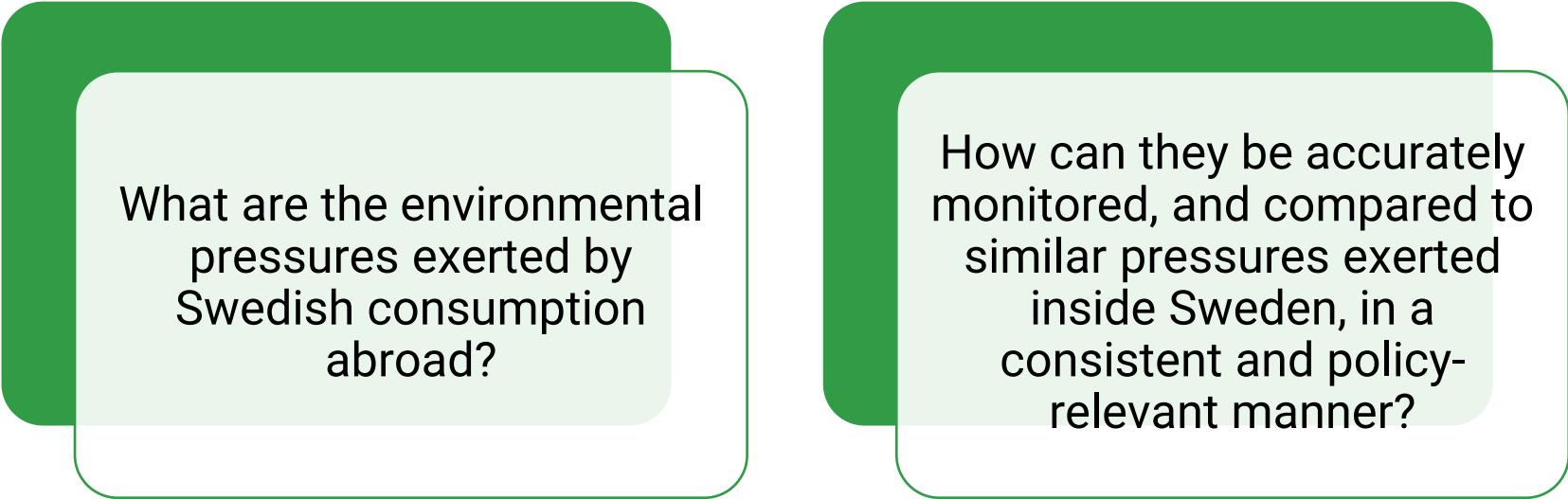
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Environmental
Accounts



Sweden's generational goal is the starting point

” The overall goal of Swedish environmental policy is to hand over to the next generation a society in which the major environmental problems in Sweden have been solved, without increasing environmental and health problems outside Sweden's borders.”

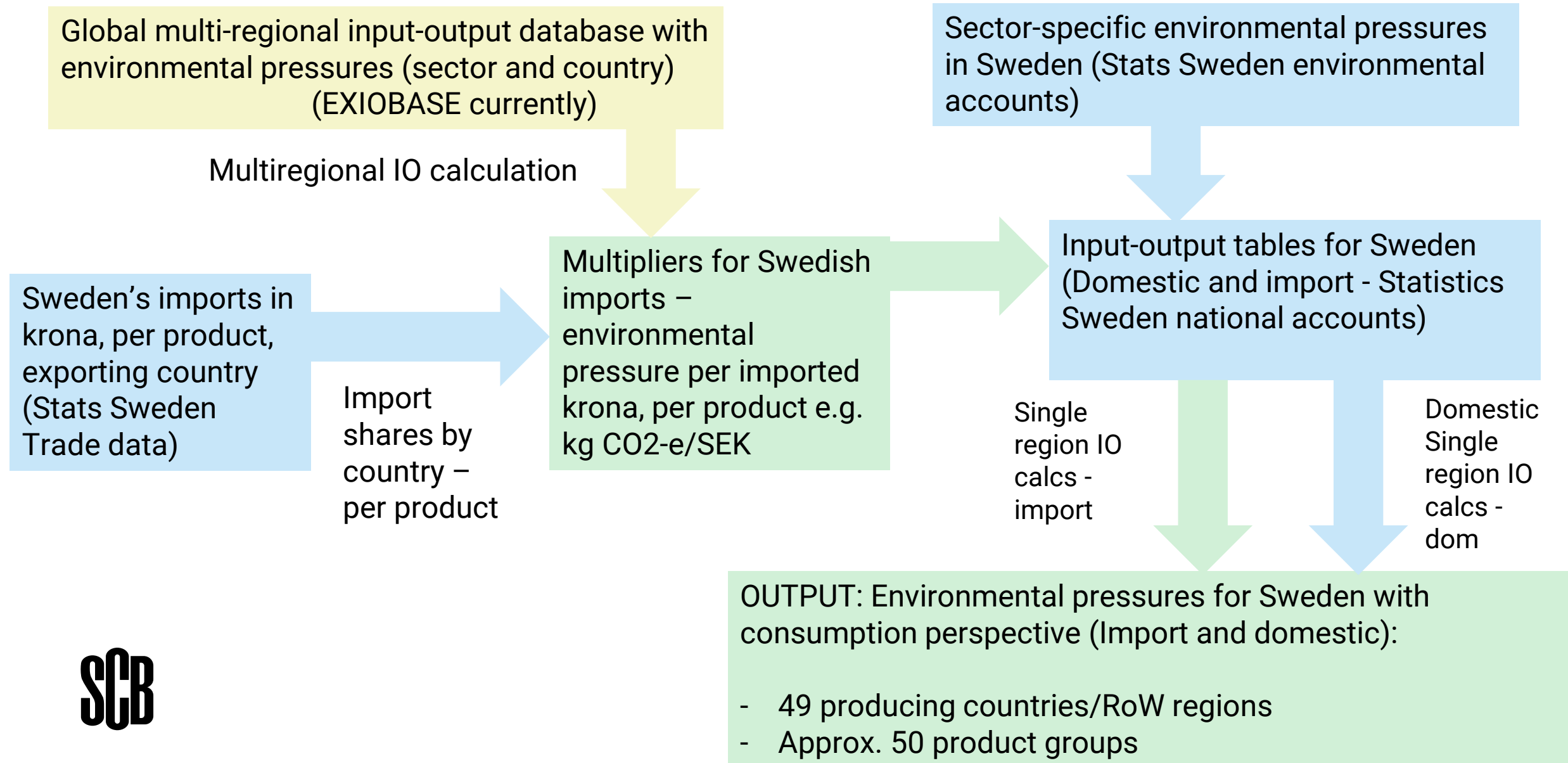
PRINCE aims



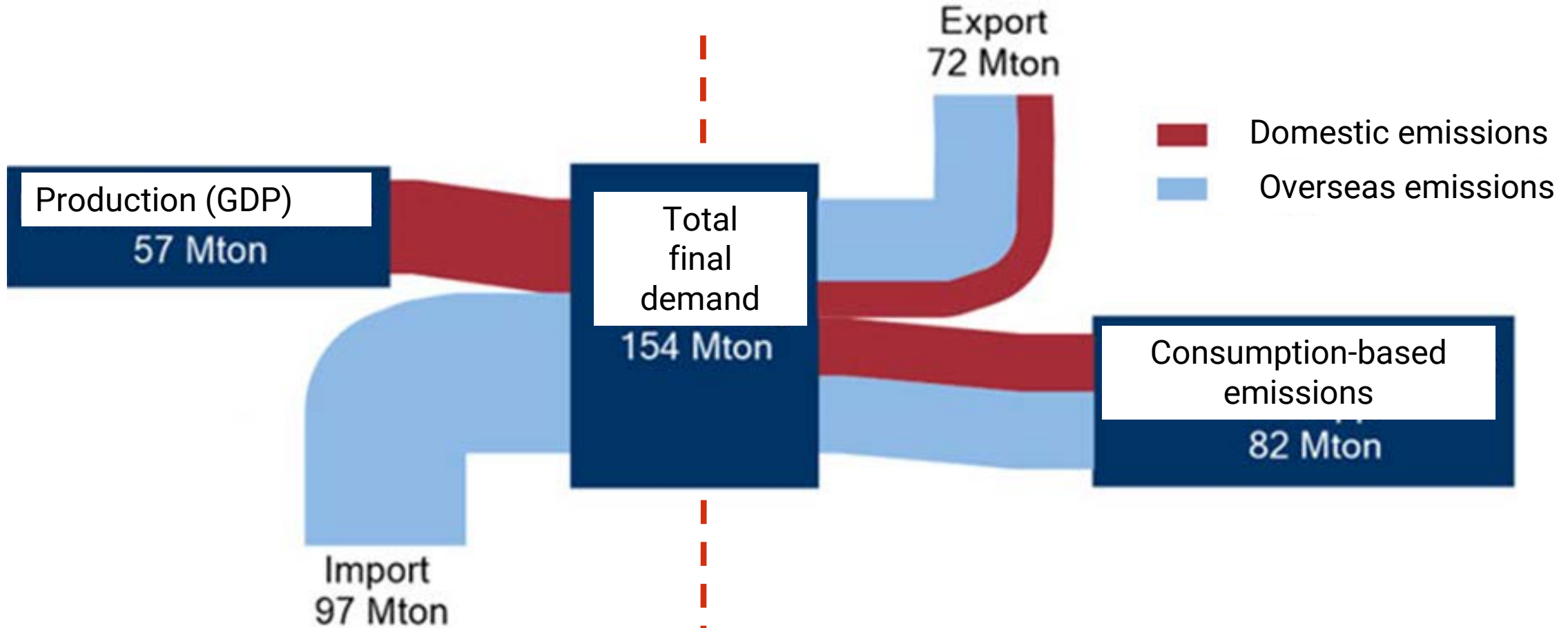
What are the environmental pressures exerted by Swedish consumption abroad?

How can they be accurately monitored, and compared to similar pressures exerted inside Sweden, in a consistent and policy-relevant manner?

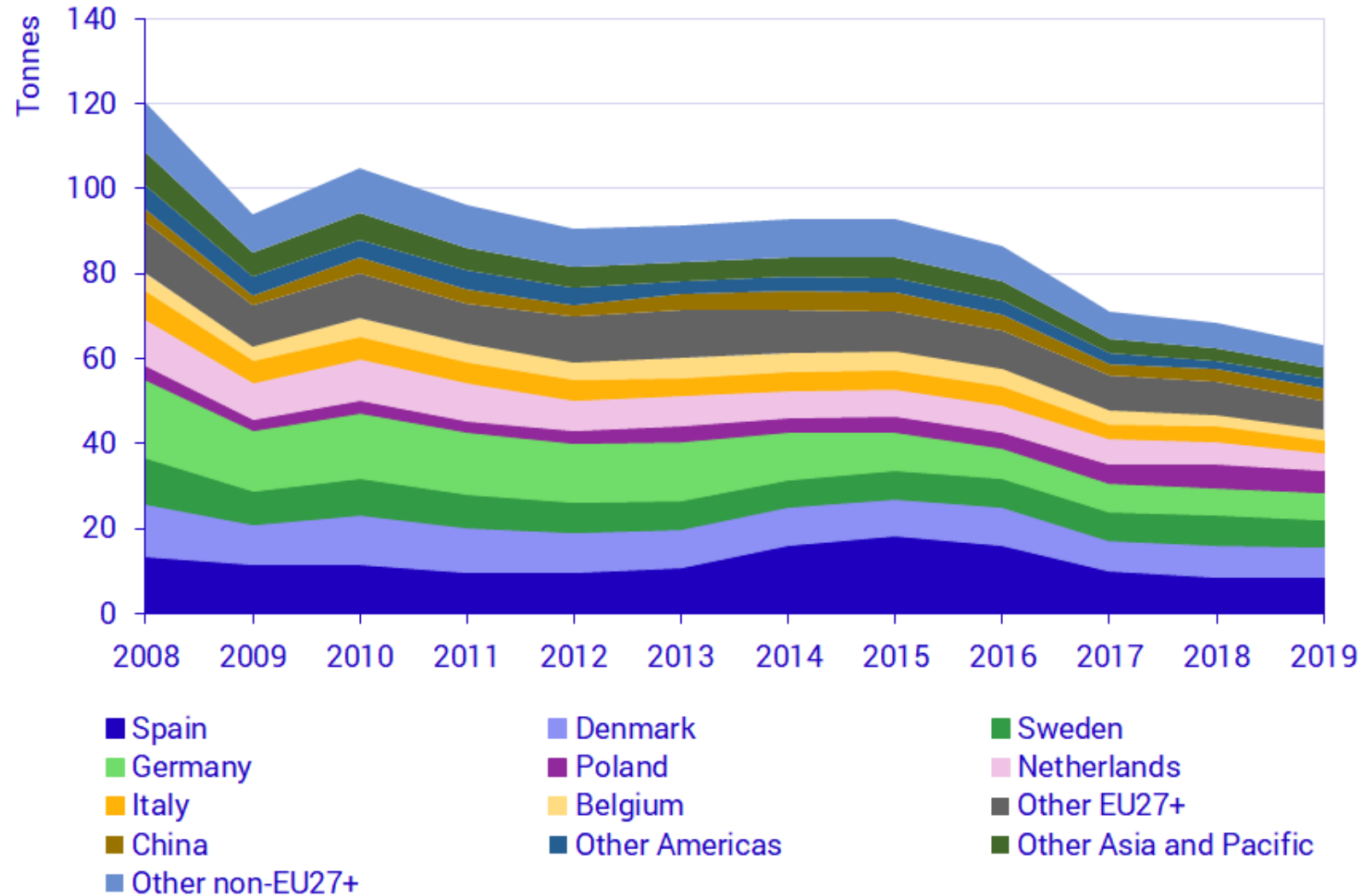
Coupled model for pressures from consumption



Greenhouse gas emissions, for example



Sweden's consumption-based Ag. Antibiotic use is decreasing



Swedish consumption impacts biodiversity overseas

Swedens consumption-based environmental pressures

	Domestic	Overseas	TOTAL
Mass (ton)	20.9 mn (52 %)	19.5 mn (48 %)	40.4 mn
Harvested area (ha)	0.6 mn (21 %)	2.3 mn (79 %)	2.9 mn
Tropical deforestation (ha)	–	5 400 (100 %)	5 400
Expected species loss (species)	0.4 (4 %)	9.7 (96 %)	10.1
Species-richness weighted area (species-ha)	161 mn (17 %)	800 mn (83 %)	961 mn

Data: Stockholm Environment Institute, York

Future outlook

- Greenhouse gas emissions:
 - Improve detail for specific products
 - Apply the FIGARO database in our calculation method
 - Develop measures of climate impacts of Sweden's exports
 - Contribute to work on international harmonization of data and methods
- New policy applications

Thanks!

Questions?

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EXTRA SLIDES



PRINCE – A project in two phases

- Phase 1: 2015 – 2018 (approx. 16 MSEK)
- Phase 2: 2021 – 2022 (approx. 1.5 MSEK)
- Financing from:
 - Swedish Environmental Protection Agency
 - Swedish Agency for Marine and Water Management
- Led by Statistics Sweden with following contributors:
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 - Stockholm Environment Institute
 - TNO – Netherlands Organisation for Applied Scientific Research
 - Leiden University Institute of Environmental Sciences (CML)



Svensk konsumtionen bidrar till utsläpp från förändrad markanvändning utomlands...

