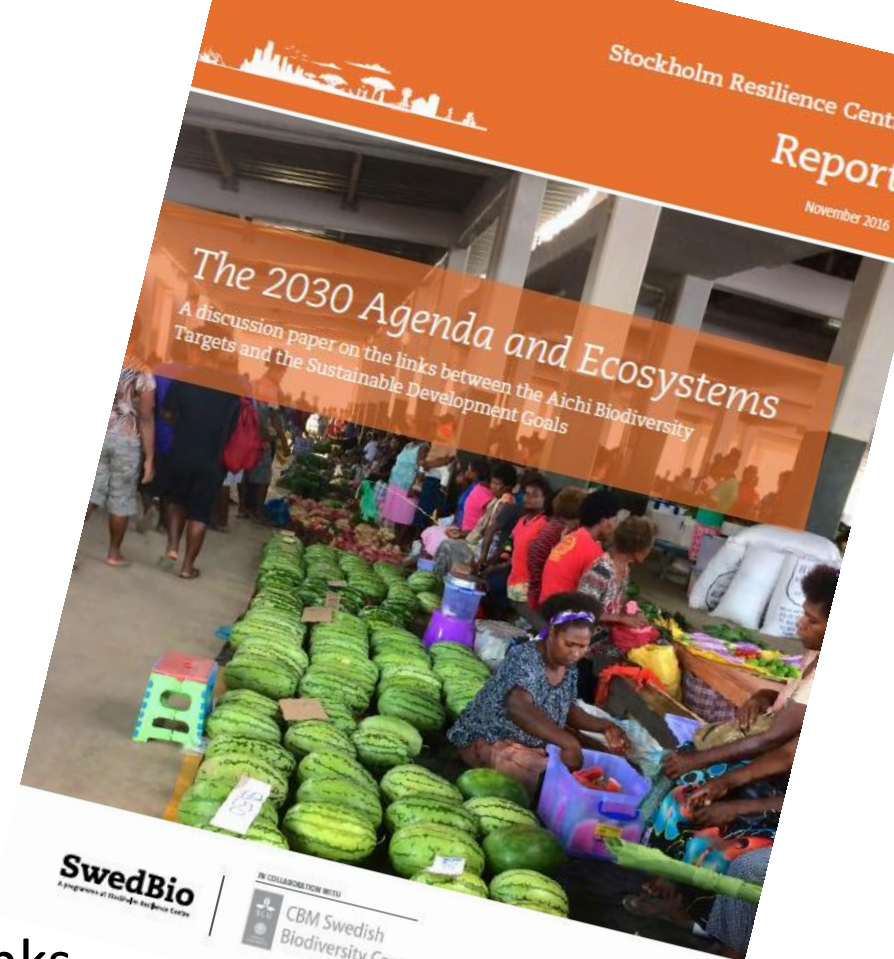


2030 Agenda & Ecosystems *Discussion paper*

Maria Schultz/Tristan Tyrrell
SwedBio

A preliminary analysis of the links
between the Aichi Biodiversity Targets
and the Sustainable Development Goals



Well-
functioning
ecosystems are
relevant for
achievement
of all the SDGs



Illustration: J. Lokrantz/Azote for SwedBio/SRC, 2016

Four biosphere-based goals

- *fundamental non-negotiable safe operating space for humanity*

Goal 15: Life on land; Goal 14: Life below water;
Goal 6: Clean water and sanitation; Goal 13: Climate action

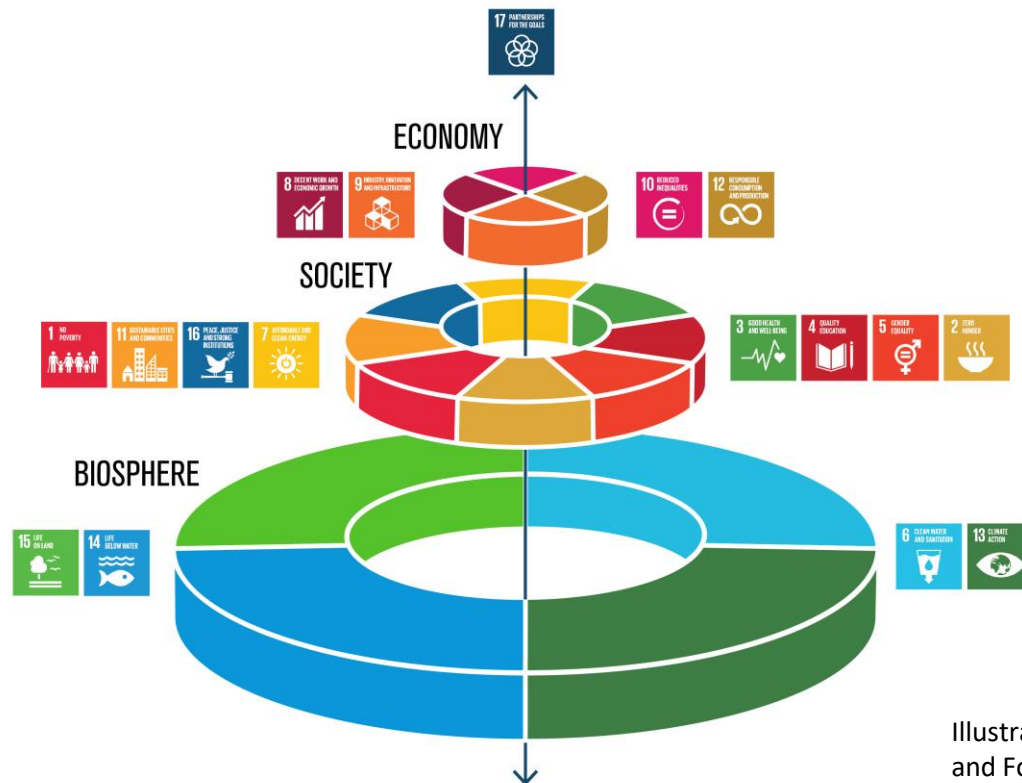






































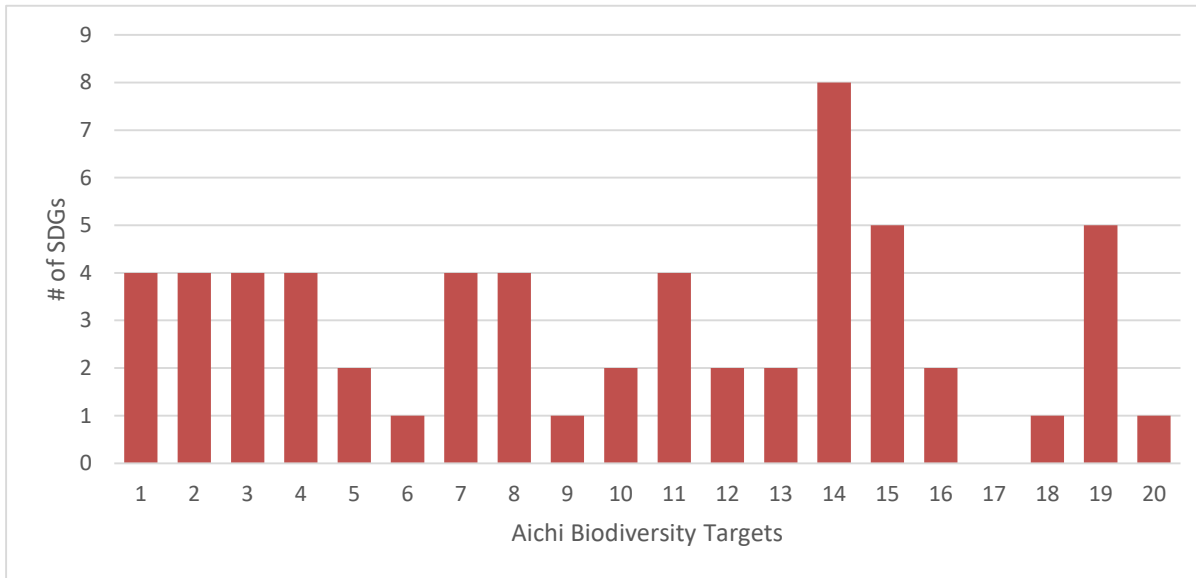


Illustration: Rockström and Sukhdev, 2016
and Folke et al, 2016; J. Lokrantz/Azote

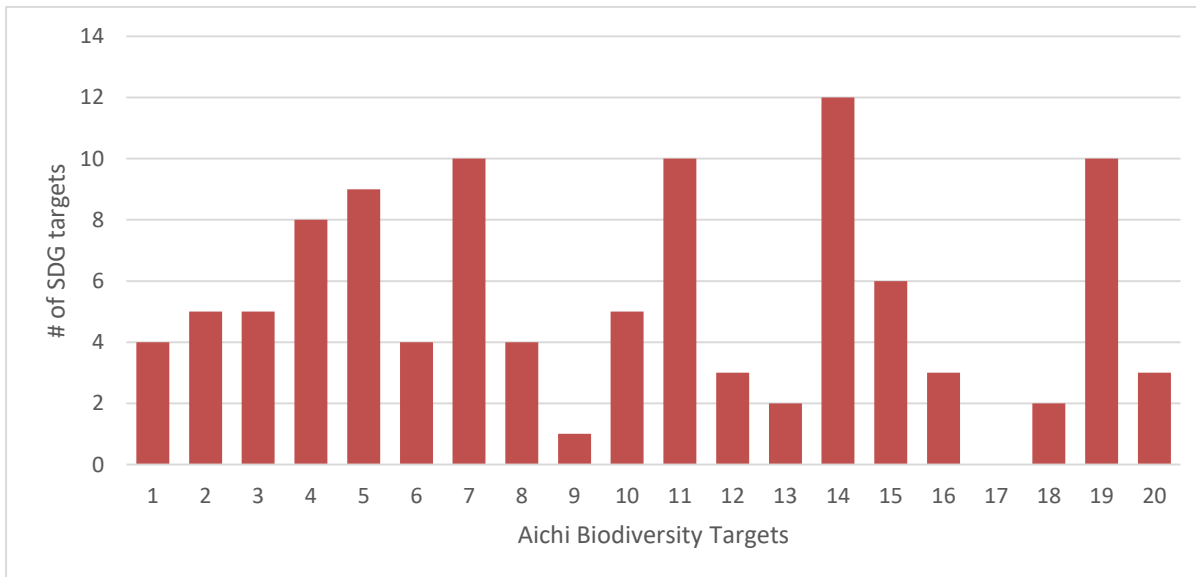
Analysis of words/elements

Aichi Biodiversity		SDG	Aichi Biodiversity		SDG
Goal	Target	score	Goal	Target	score
A. Addressing the underlying causes of loss	 1 Awareness increased		C. Improve the status	 11 Protected areas	
	 2 Values integrated			 12 Prevent extinctions	
	 3 Incentives reformed			 13 Conserve gene pool	
	 4 Sustainable production			D. Enhance the benefits	 14 Ecosystem Services
B. Reduce the direct pressures	 5 Habitat loss halved		 15 Enhance resilience		
	 6 Sustainable use marine		 16 Nagoya Protocol		
	 7 Sustainable use		E. Enhance implementation		 17 Revise NBSAPs
	 8 Reduce pollution			 18 Traditional knowledge	
	 9 Invasive species			 19 Improve knowledge	
	 10 Minimise reef loss			 20 Mobilise resources	

Analysis of words/elements

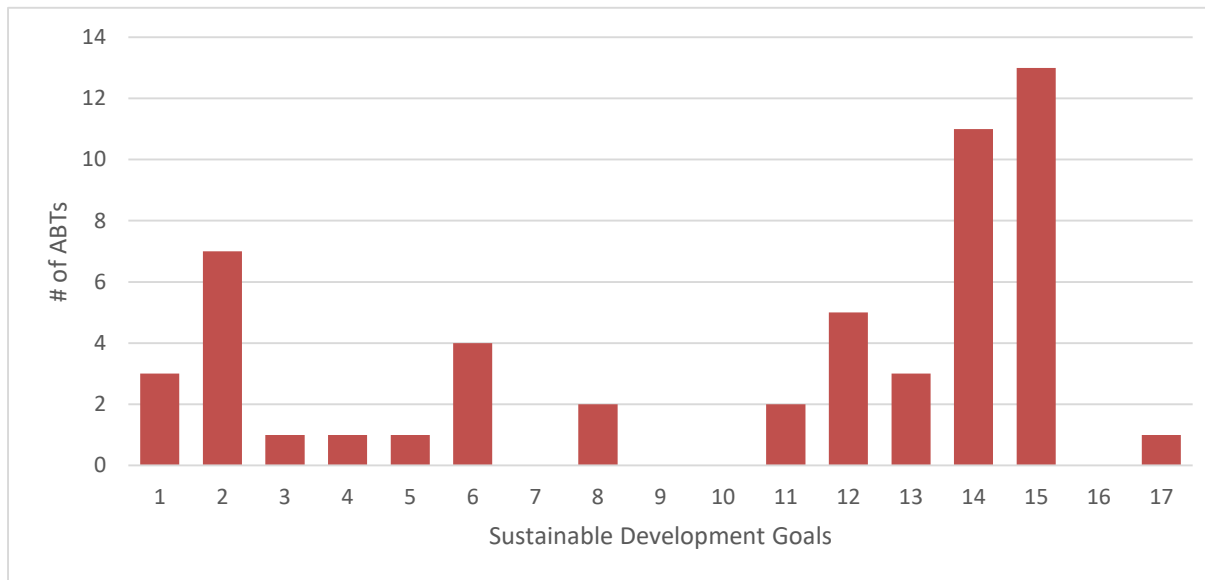


The links between the Aichi Biodiversity Targets and the SDG Goals



The links between the Aichi Biodiversity Targets and the SDG Targets

Analysis of words/elements



The links between the SDGs and the Aichi Biodiversity Targets.

Some gaps

4. **Safe ecological limits**
8. **Pollution** not linked to ecosystem health
9. Identification & mgmt of **invasive alien species** pathways
11. **Protection** focuses on provision of ecosystem services
13. **Culturally-important species**
14. **IPLC** focus on economic livelihood & receiving education
Ecosystem function only tangentially covered
15. Role of ecosystems as **carbon sinks**
17. Appropriate national **biodiversity planning**

Conclusions & Way Forward

- This **preliminary** gap analysis shows a broad overlap.
- There are **many potential synergies in implementation.**
- The Aichi Biodiversity Targets are **more explicit regarding biodiversity**, with more specific and quantified targets, and some subjects are not covered under the SDGs.
- **A more inclusive and extensive in-depth analysis is needed** to review the degree of overlap and identify elements not covered under the SDGs for development of the post-2020 Strategic Plan.

Thank you!

www.swed.bio
www.swed.bio/reports/

maria.schultz@su.se

tristan.tyrrell@su.se