

European Business & Nature Summit

GS4 — Towards common ground in biodiversity measurement approaches for business

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7 & 8 November 2019

#BusinessNatureSummit



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GS4 — Towards common ground in biodiversity measurement approaches for business

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ferrovial

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7 & 8 November 2019

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Developing natural capital metrics for understanding impacts and making decisions under the “no net loss” principle

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07/11/2019



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BWB

"Bankers Without Boundaries"

About INCA

Integrated Natural Capital Assessment (INCA) is a methodology to evaluate **the environmental risk** of business activities in terms of **Natural Capital Net Debt**.

The key contributions of INCA are:

- **Common language** between sectors
- **Comparable** risk assessment measures
- **Adaptive strategic environmental management**

“To adapt the economy to climate change we need to ensure the availability of natural resources.”

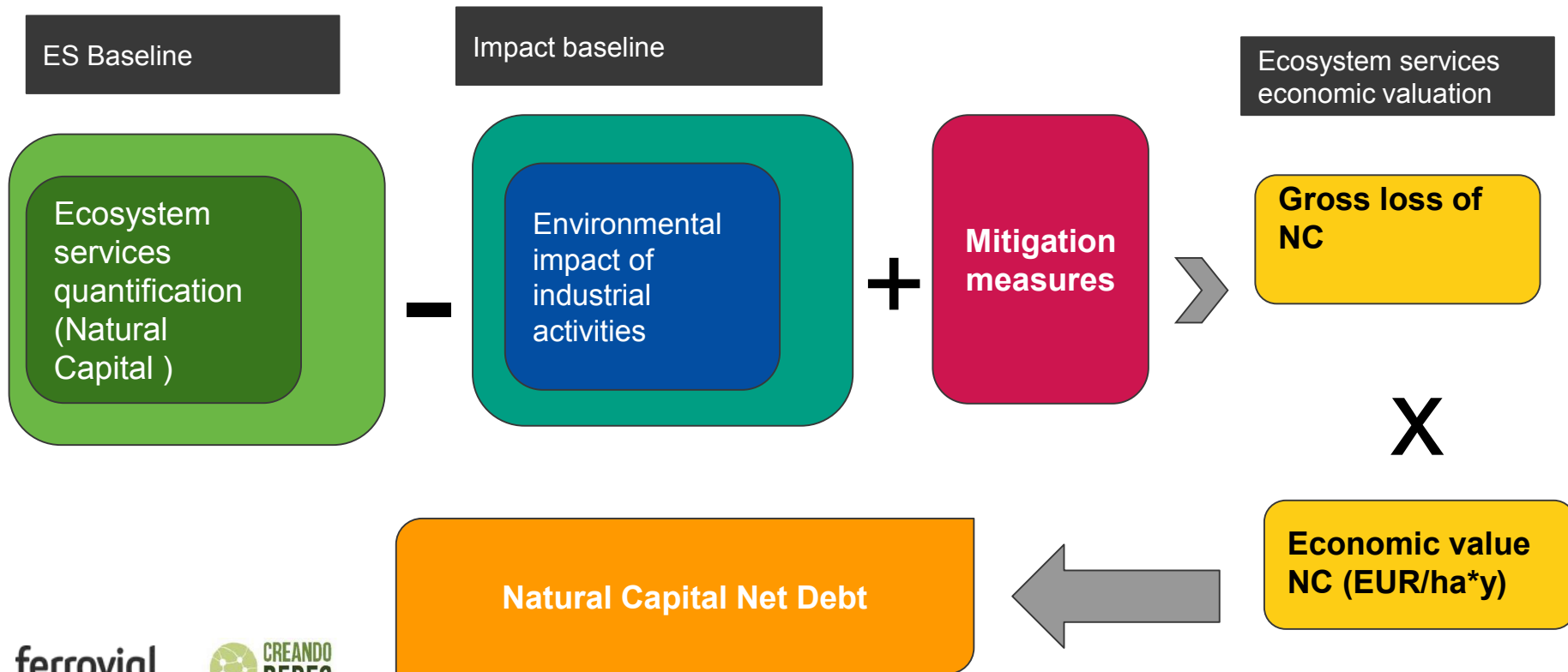
INCA WORKING FLOW TO ANALYZE IMPACTS...



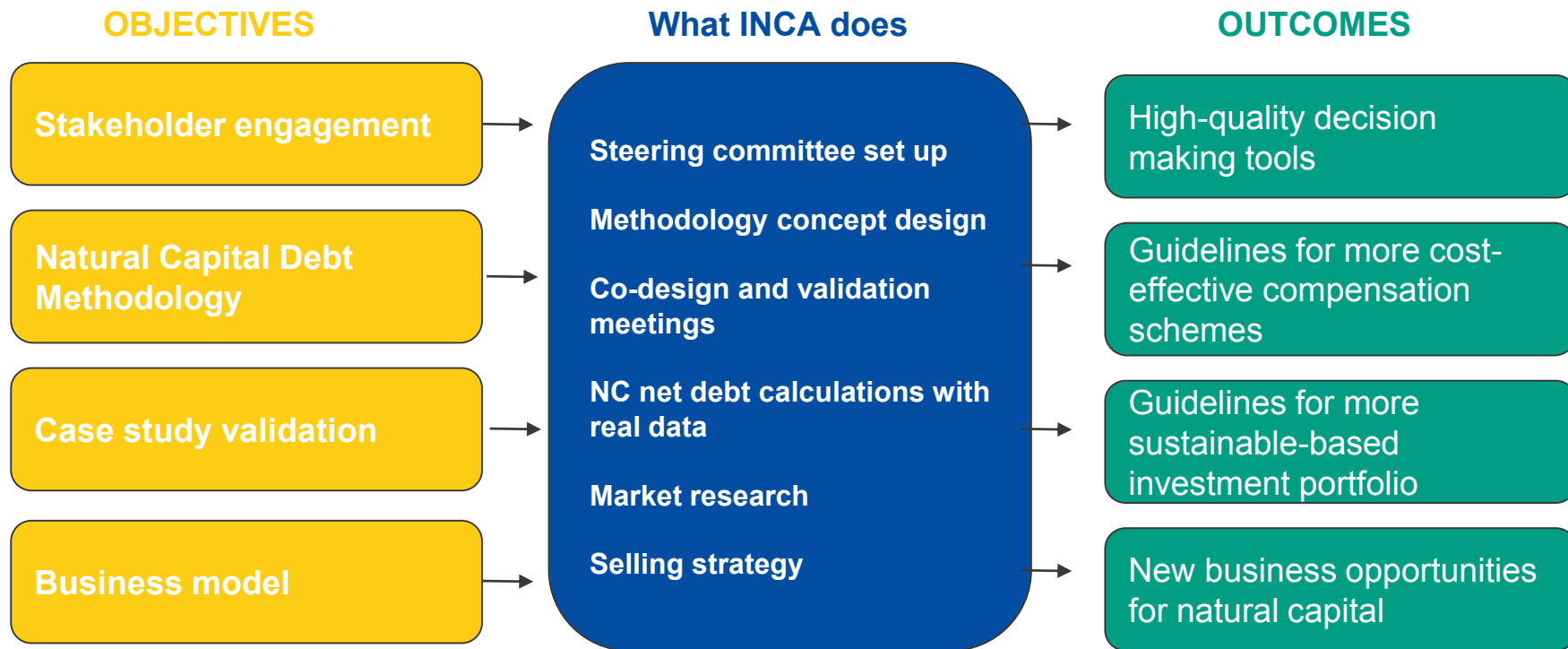
Companies need to communicate their environmental performance to stakeholder in a simple and comprehensive way.



WHAT IS NATURAL CAPITAL NET DEBT?

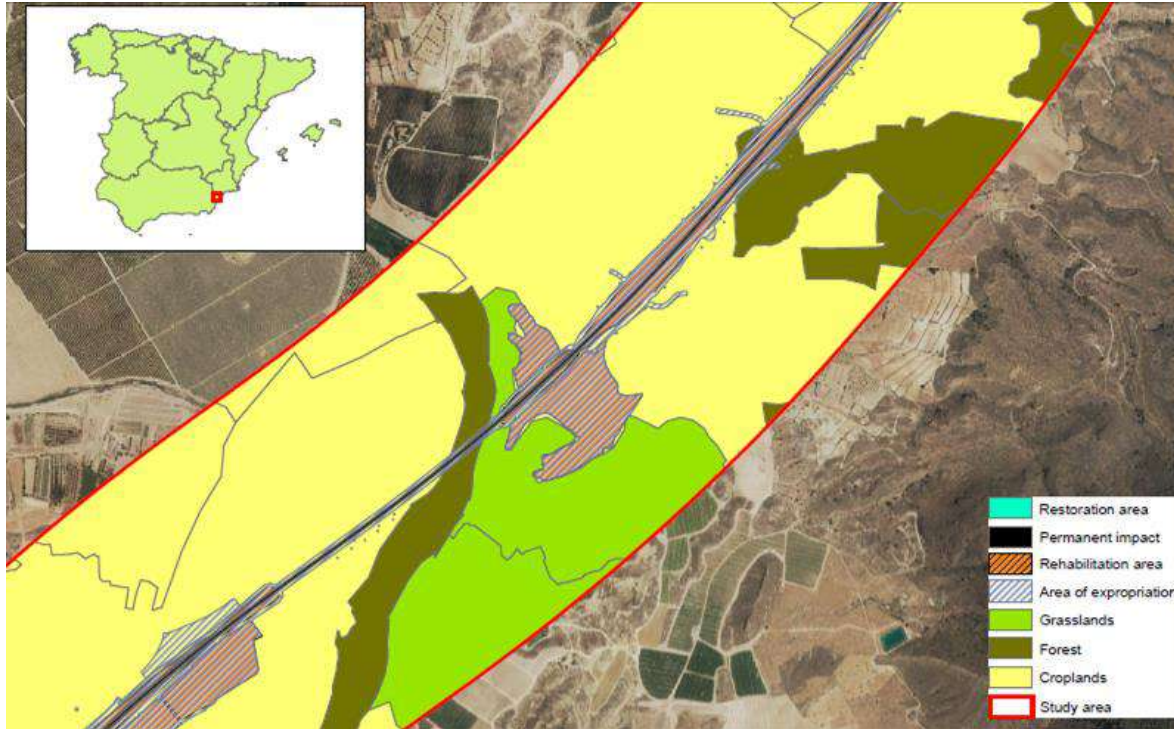


INCA Expected Outcomes & Objectives



Case Study

High speed mediterranean corridor



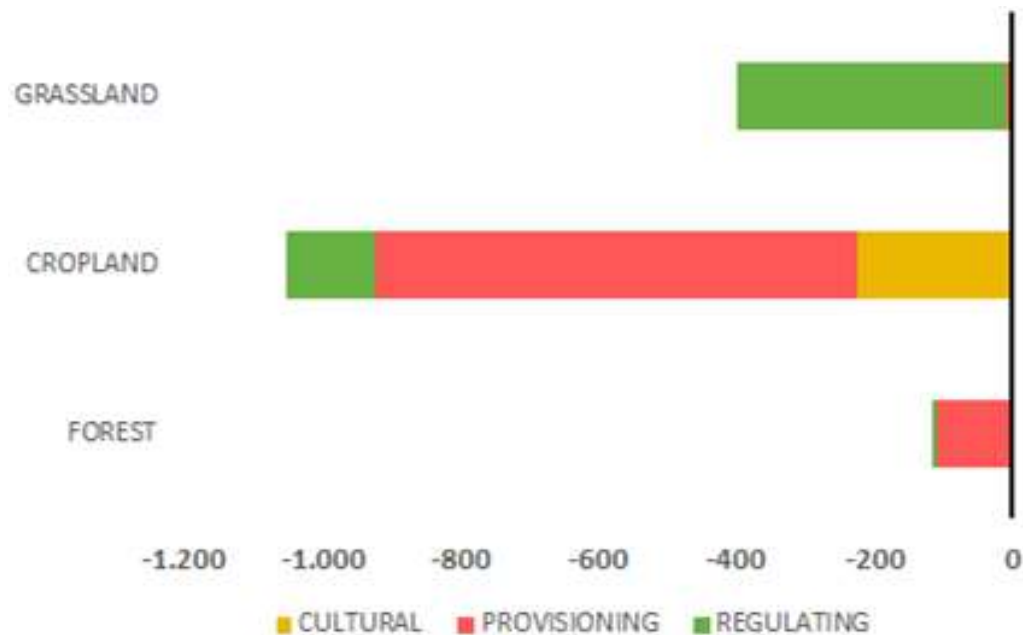
Railway infrastructure

- 69 km length
- 1.5 km width

Ecosystems affected

- Scrublands and sparse vegetated areas
- Crops

INCA NC accounting



PROVISIONING

- Livestock and hunting
- Food and feed crops

REGULATING

- CO₂ sequestration
- Erosion control
- Water discharge
- Habitat for other species

CULTURAL

- Hunting and birdwatching
- Experiential use of the environment
- Existence