



Session: Turning the lens around:
LCA Success Stories “outside-in”

Implementing LCM all along the supply chain: from compliance to collaborative value creation

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1. Plateforme [avniR] by cd2e, (Rue de Bourgogne - Base 11/19 - 62750 Loos-en-Gohelle, France).
2. Renault (1 Avenue du Golf, 78280 Guyancourt, France).

[avniR] platform:



DISCOVER

- >50 conferences and workshops
- 4 physical resource centers (>500 references and tools)
- 30 videos on youtube

LEARN

- >50 training courses organised for professionals
- >3000 students trained every year on LCA
- 150 working groups (SLCA, LCC, etc.)

ACT

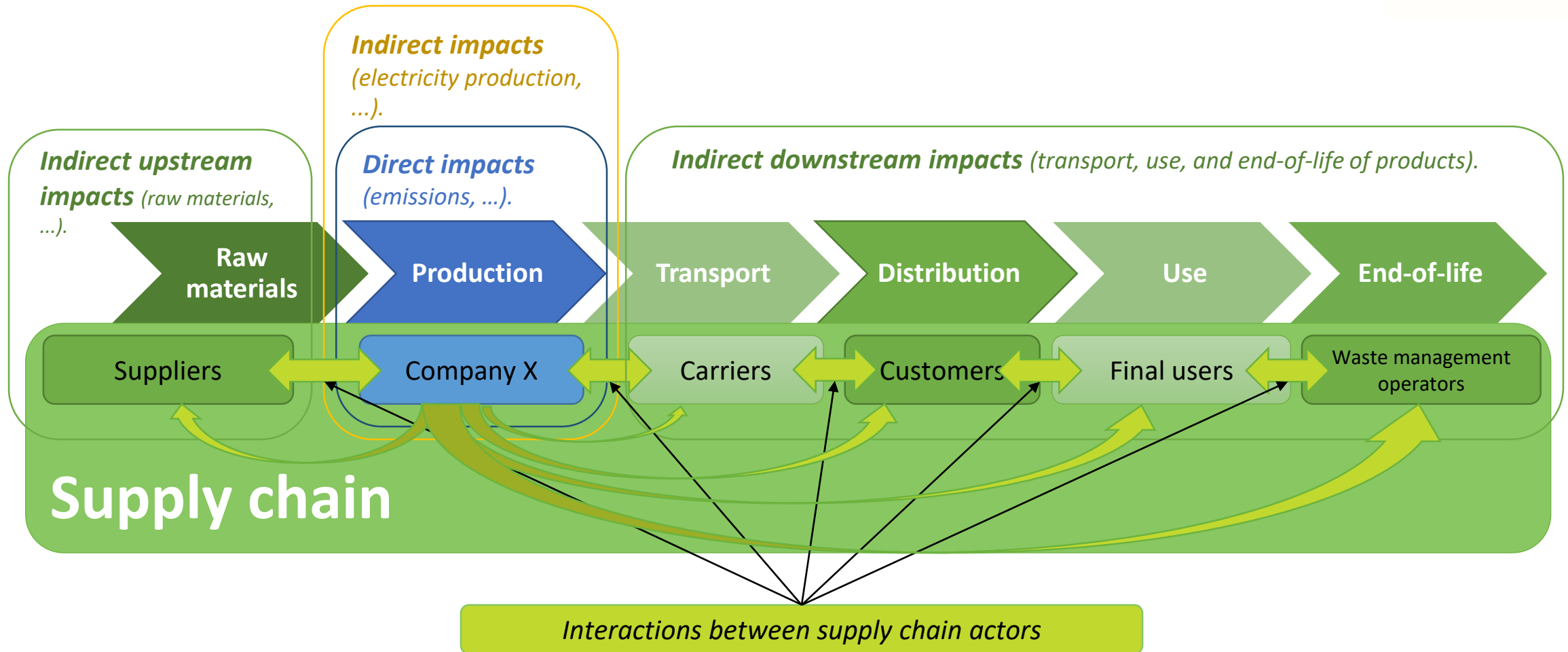
- >15 LCA and ecodesign tools accesible
- >200 companies supported on LCM

COLLABORATE

- >1000 partners worldwide
- >50 collaborative projects



Supply chain and environmental issues



Why looking at supply chain?

Opportunities

All companies (SMEs, large businesses ...) and all departments are concerned (R&D, purchase, marketing ...).

Creating value beyond reduction of environmental impact (e.g. economic, social, image, knowledge ...).

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Threats

More than 80 % of GHG emissions in most consumer-goods categories are in supply chains.*

** State of Green Business 2013, GreenBiz*

Current and future regulations / norms, which integrate supply chain actors (non-financial reporting, ISO 14001:2015, Organisation Environmental Footprint ...).

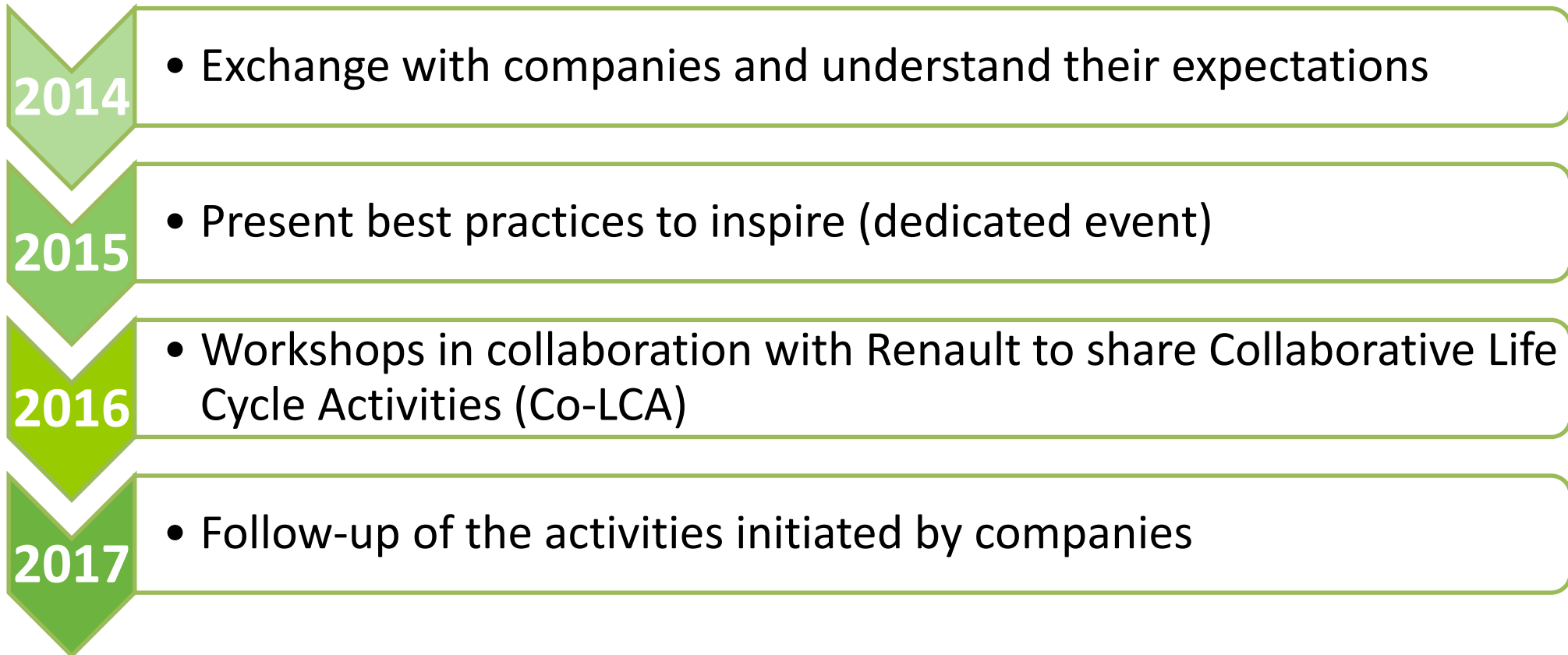
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How to implement LCM?

- [avniR] platform initiated a working group to mainstream LCM all along the supply chain called “customer/supplier working group”.
- Different actions were conducted, including awareness rising, workshops and collaborative working groups based on identified needs from the stakeholders.



Customer/supplier working group



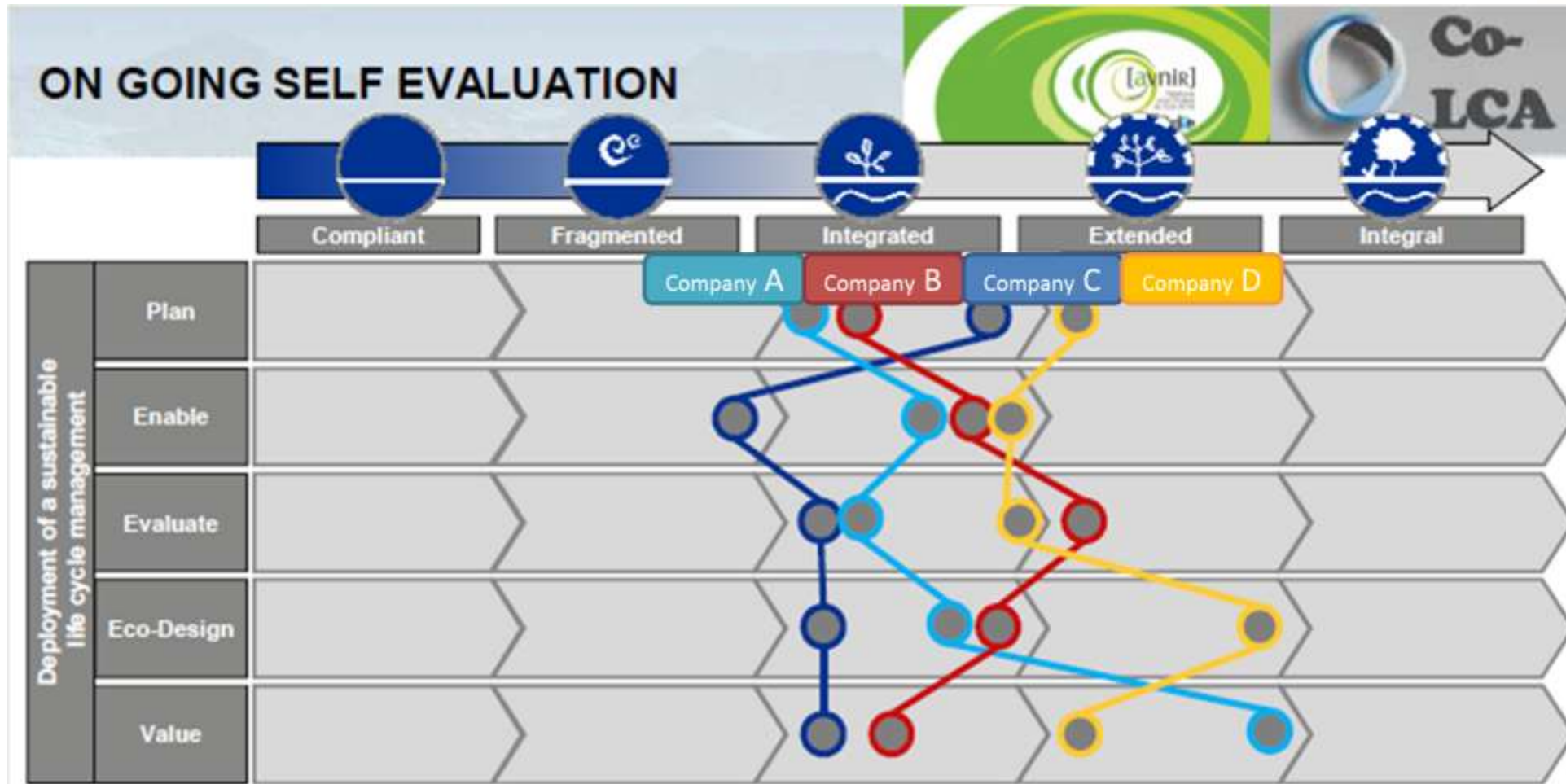
Co-LCA methodology



- ***1st step: self assessment was conducted by companies internally involving different departments (marketing, R&D ...) in order to understand their current maturity and supporting them to identify their strengths and weaknesses.***

Driving the transition towards Extended maturity level and new business models settlement with the support of Collaborative Life Cycle Activities Co-LCA (Morel 2014).

Zoom on Co-LCA output

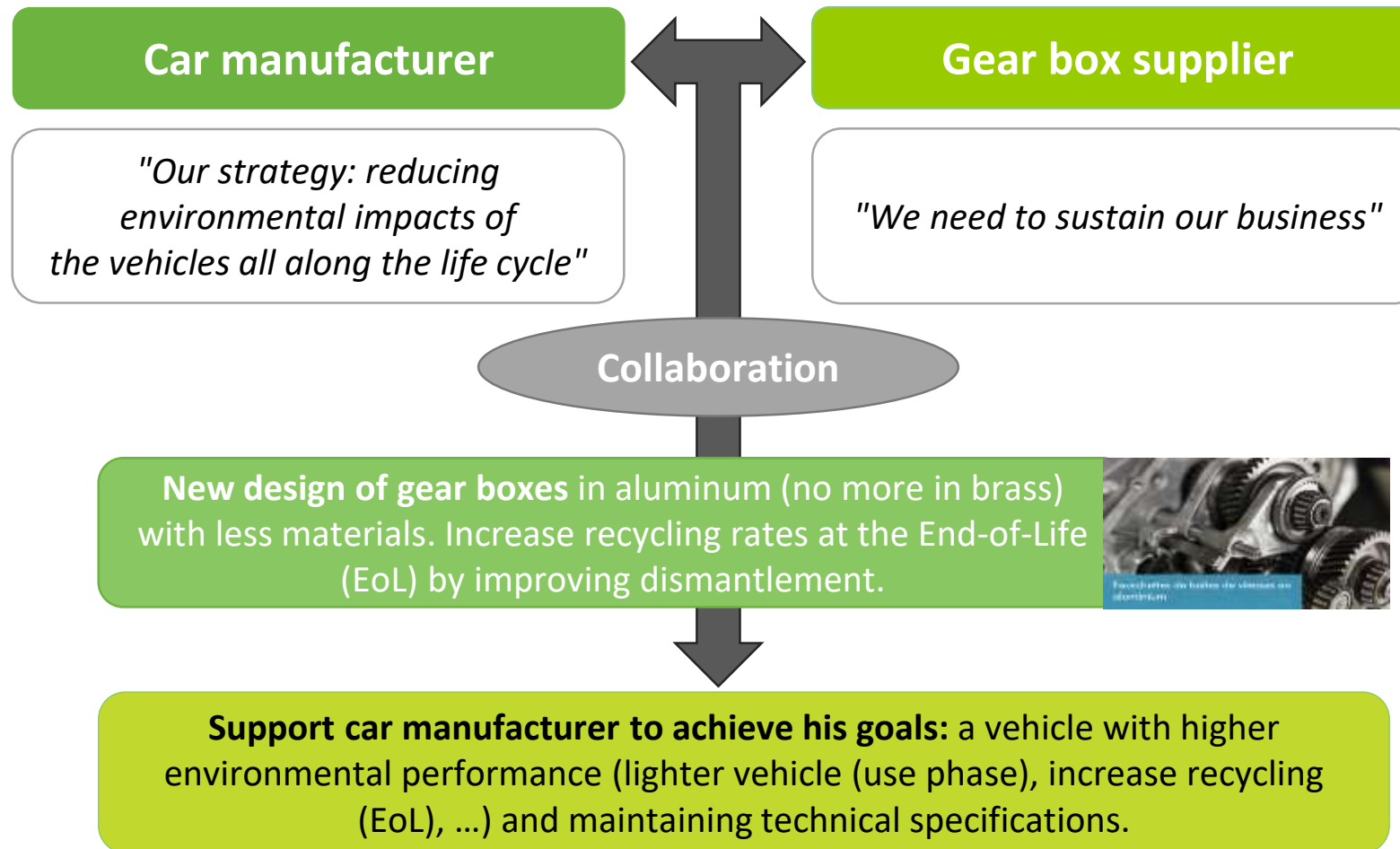


Co-LCA methodology

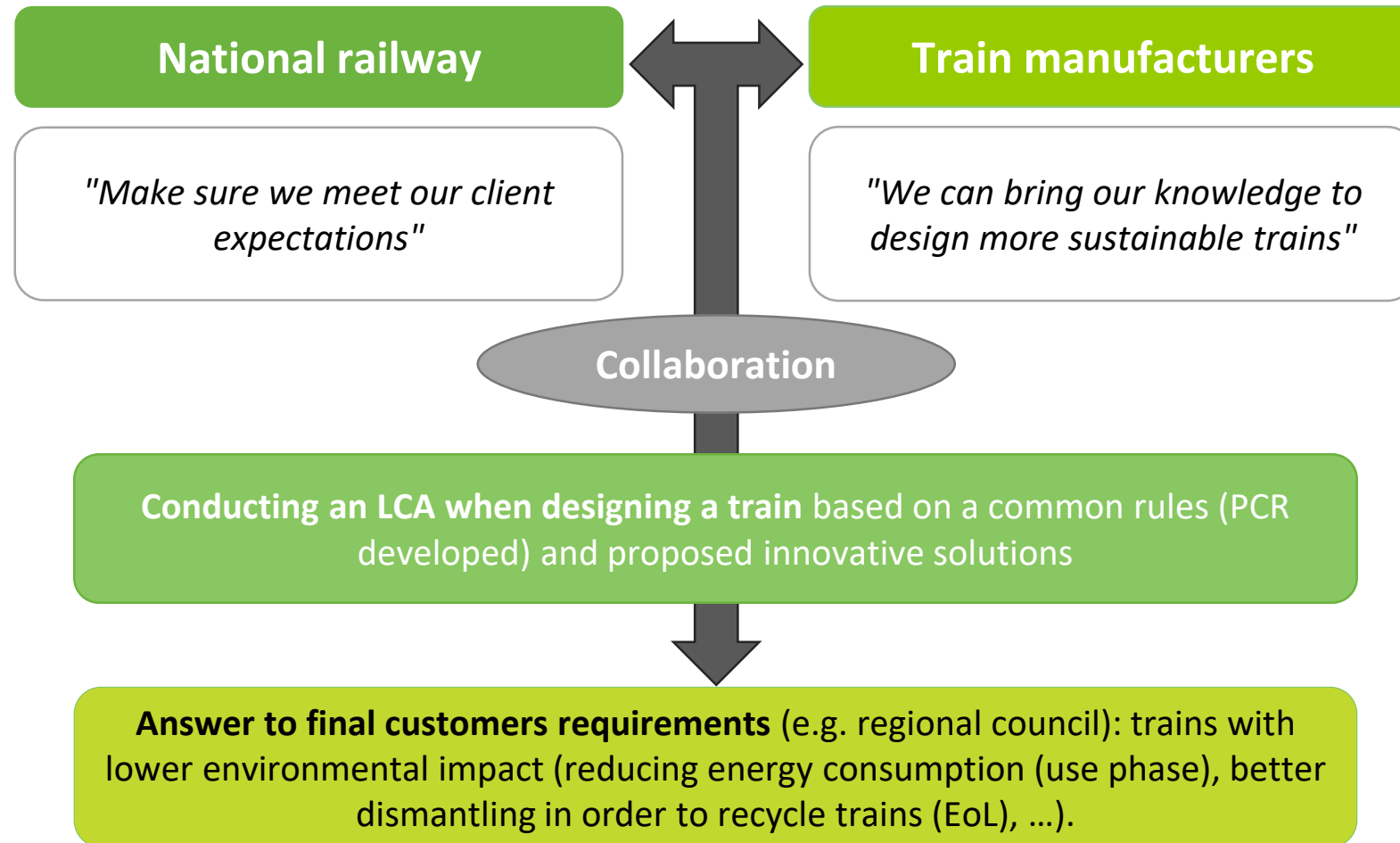


- 2nd step: **Co-build an action plan to move forward in LCM implementation and developed actions with suppliers and/or clients.**
- 3rd step: **Evaluate the shared benefits created for each participant through 4 categories: Financial, Image, Skills and Decision.**

Inspiring examples: automotive sector



Inspiring examples: railway sector



Thank you! Questions?



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Next stop of LCM community:

[avniR] conference
Life Cycle Management,
the pathway for ecotransition

[8th & 9th November 2017 in Lille \(France\)](#)