



Smart Transportation Alliance

**2023 Annual Conference
& Innovation Awards**

Taxonomic Operation of Transportation Infrastructures

Ricardo Lobo

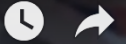


26 October 2023

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-  1. ALEATICA
 -  2. Taxonomy in Infrastructures
 -  3. Taxonomic Infrastructure Operation
 -  4. Enabling and Transitions Activities



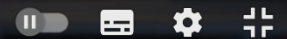
Aleatica: About us



ALEATICA

Smart & Sustainable Infrastructure

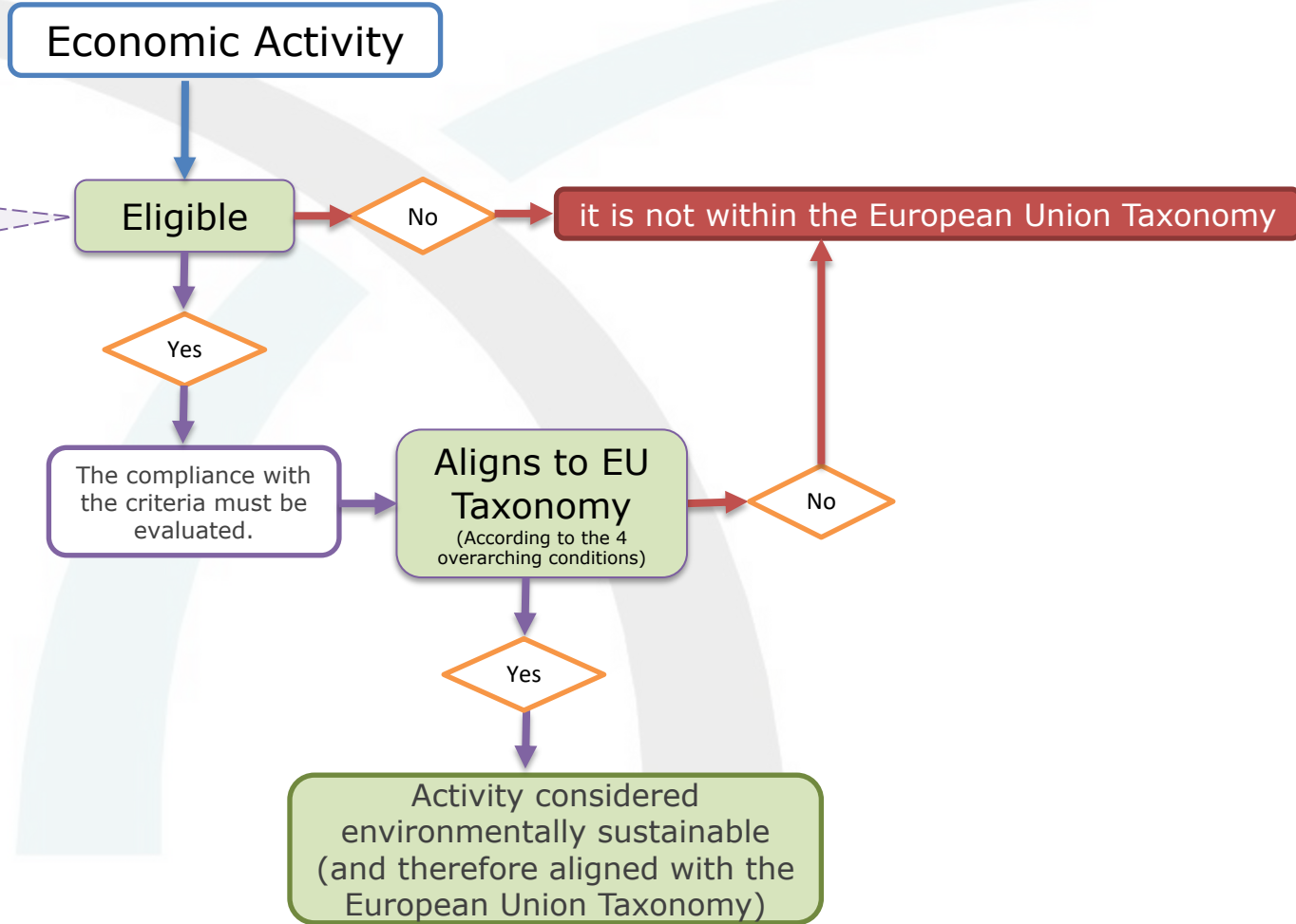
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Sustainability is in AEATICAS`S DNA and we believe that an infrastructure operation activity can become Taxonomic.

2. Taxonomy in Infrastructures in EU



It includes the most relevant activities for reducing greenhouse gas emissions and improving climate resilience. Activities necessary to achieve the EU's climate objectives. Also distinguishes Between:

Enabling activities An economic activity shall qualify as contributing substantially to one or more of the environmental objectives by directly enabling other activities to make a substantial contribution to one or more of those objectives

"Transition activities" An economic activity for which there is no technologically or economically viable low-carbon alternative will be considered to make a substantial contribution to climate change mitigation when it supports the transition to a climate-neutral economy consistent with a plan to limit the temperature increase to 1.5°C above pre-industrial levels

3. Taxonomic Infrastructure Operation

Operation of Transportation Infrastructures

Eligible

No

it is not within the European Union Taxonomy

The transport sector is working to align with the European Union Taxonomy.

it was not possible to develop criteria for all sectors where activities could potentially make a substantial contribution. The **EU taxonomy will be developed gradually** over time, and it is likely that more delegated acts or revisions of existing ones will include other economic activities from different sectors and sub-sectors of the economy as they become relevant and feasible to integrate into the EU.

How can we qualify under the EU Taxonomy?



Strategy:
Reduce emissions 40% by **2030**
and NetZero **2050**

4. Enabling & Transition activities



1

Climate change mitigation



2

Climate change adaptation



3

Sustainable use and protection of water and marine resources



4

Transition to a circular economy



5

Pollution prevention and control



6

Protection and restoration of biodiversity and ecosystems



1

Climate change mitigation

ERS

Solar Panels

LED lights



2

Climate change adaptation

Resilient infrastructure

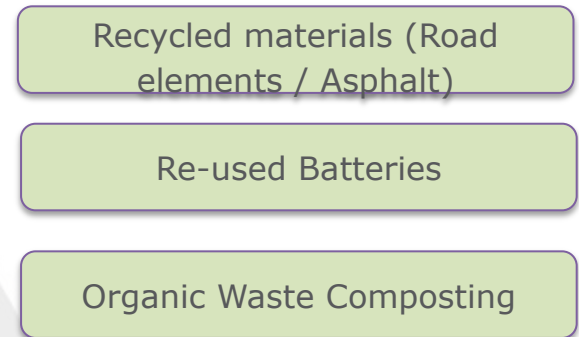
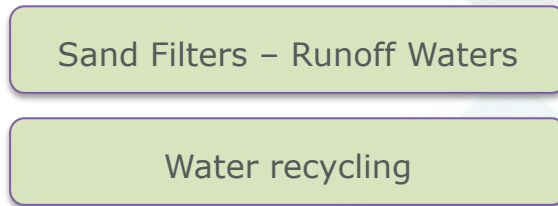
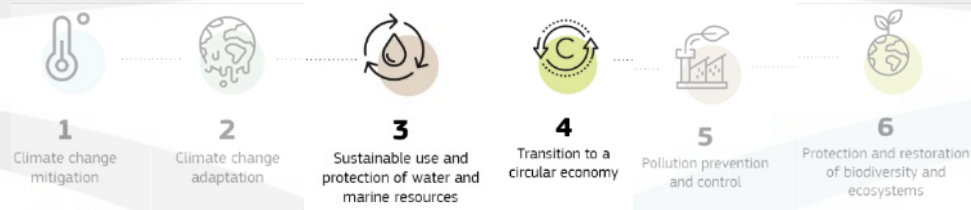
Green Roofs

"In 2022 we increased power supply consumption by 19% with renewable origin guarantee certificates, where the energy consumption of BreBeMi and M45 is of renewable origin with 98% and 100% respectively and 3.5% solar energy consumption."



A35 Brebemi

4. Enabling & Transition activities



Circuito Exterior
Mexiquense

The significant reduction in the environmental footprint reducing CO2 emissions by 93.56% and recycles for a 6mm plate of 3m², an approx. of 3,542 containers.

4. Enabling & Transition activities



5

Pollution prevention and control

Emissions catalysts

Onshore Power Supply (OPS)



6

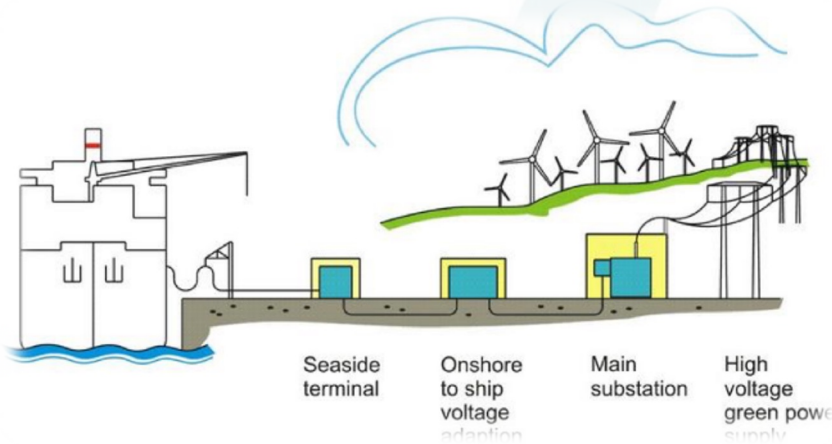
Protection and restoration of biodiversity and ecosystems

Wildlife Crossings

Eco-Friendly Delimitation

Pollinator Gardens

Planting Trees activities



70,825 trees were planted in 2022.

**We are in the correct way for sustainable future
Thank you for your attention**

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Smart Transportation Alliance

**THANK YOU
FOR YOUR
ATTENTION**

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