



Smart Transportation Alliance

2021 Annual Conference
& Innovation Awards

Roundtable 1 – Decarbonising transportation infrastructures: Emerging technical solutions and best practices to get the job done

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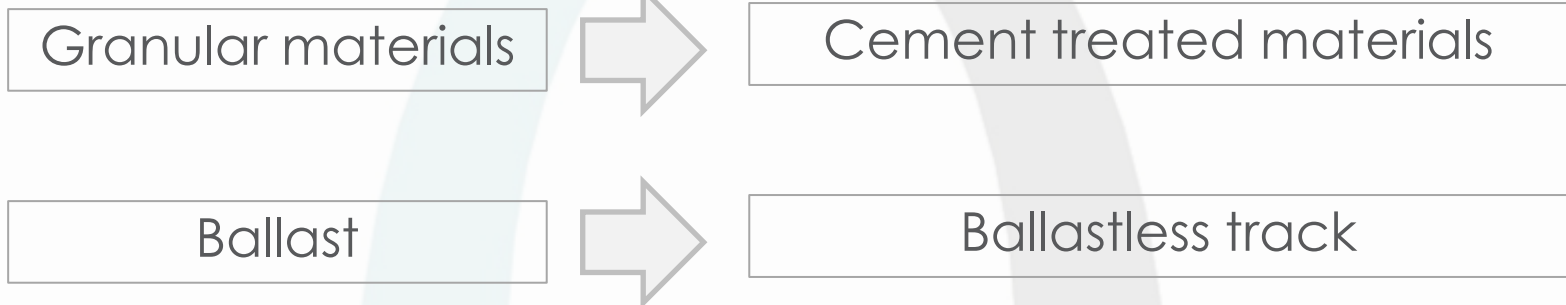
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Current situation & challenges

1. Carbon neutrality: 55% by 2030.
 - All stakeholders focusing on materials.
2. Circular economy.
 - Waste recycling.
3. Technical performance.
 - Transport infrastructure must get adapted to new mobility.

What is the proposal?

4. Holistic approach, not partial.



Ultra-high performance long durable solutions

5. Slender solutions



6. Slender solutions:

- Less consumption of natural resources.
- Long durability: fewer resources and fewer impact throughout the service life.
- Although better materials imply higher embodied carbon, the carbon footprint of the global solution is lower.



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**THANK YOU
FOR YOUR
ATTENTION**

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