



Consult

Our team of industry-leading professionals provides technical and economical subject matter expertise and management consulting services to our clients as they plan and implement net zero-strategies in rail and transit.



Collaborate

We partner with government, regulators, industry and academia – bringing together the brightest minds, the most innovative organizations, and the latest technologies.



Care

The Center contributes knowledge and expertise in community and sectoral forums, to advance net-zero efforts where we live, work and play.

The Center for Net Zero Transformation empowers and supports rail and transit agencies & businesses across North America as they transition their organization and operations to net zero mobility.



DB E.C.O. North America

Center for Net Zero Transformation in Rail and Transit

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We support the implementation of all key levers to **reduce lifecycle GHG emissions and criteria air pollutants:**

- Alternative powertrains
- Alternative fuels
- Renewable power purchasing
- Emission control technologies
- Fueling & maintenance
- Carbon free stations & facilities
- Sustainable procurement
- Sustainable business processes
- Community outreach & knowledge transfer



The Center for Net Zero Transformation supports organizations in North America **through all stages of their transformation to net zero mobility.**

1. Strategy Development

- Science based target setting & certification support
- Techno-economic feasibility analysis
- Financial & implementation planning
- Life cycle emissions modelling

2. Pilots & Prototypes

- Advanced vehicle simulations & emission testing
 - Corridor & regional conversions
- Retrofit trials & OEM design reviews
 - Practical viability assessments



3. Full Transformation

- Fleet / asset conversion & replacement
- Commercial & operational optimization
- Procurement & supply chain support
- Labor upskilling & training



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