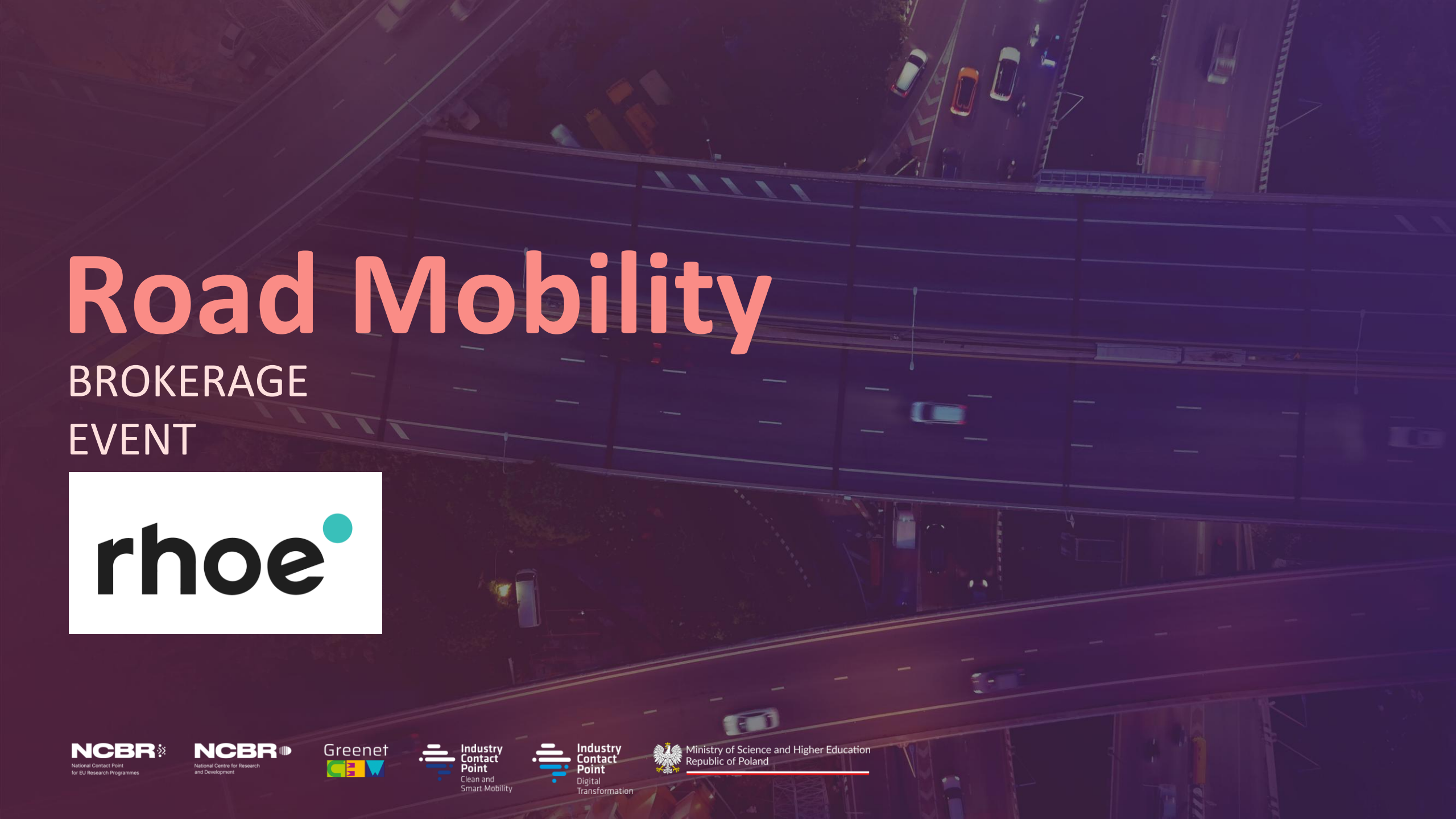

Road Mobility

BROKERAGE

EVENT

rhoe

NCBR National Contact Point for EU Research Programmes

NCBR National Centre for Research and Development

Greenet

Industry Contact Point Clean and Smart Mobility

Industry Contact Point Digital Transformation

Ministry of Science and Higher Education
Republic of Poland

Katerina Chranta

Rhoé – Urban Technologies, SME, Greece

Brokerage event 2026
Brussels

Enhanced resilience in multimodal passenger transport through digital technologies and generative and discriminative AI (D6-10)

Brief description

This call aims to fortify multimodal passenger transport systems (e.g., combining metro, bus, train) against unforeseen events such as strikes, technical failures, or extreme weather conditions. The innovation lies in leveraging advanced forms of Artificial Intelligence (AI). "Discriminative AI" can analyze real-time data to identify problems, while "generative AI" can proactively create alternative scenarios and solutions (e.g., new routes, resource reallocation) to minimize the impact on passengers. The goal is to create a "self-healing" transport system that dynamically adapts to disruptions, maintaining its functionality and providing reliable information to citizens.

What Rhoé can do

1. Development of Artificial Intelligence Models: Creation and training of AI models for analyzing traffic data, predicting traffic conditions, and automatically adjusting transport services.
2. Creation of Digital Twins: Development of digital representations of transport networks to simulate scenarios and test crisis response strategies.
3. Development of Passenger Applications: Design of applications that provide personalized information and alternative travel solutions in real-time.
4. Ensuring Cybersecurity: Implementation of measures and protocols to protect digital systems from cyberattacks.

Current Consortium

Rhoé (Greece)

TUM (Germany)

ScenWise (Netherlands)

ScienTra (Greece)

Partners related to the call

1. Pilot Cities (Municipalities)
2. Geographical Diversity
3. Public Transport Operators
4. Multimodal Operators
5. Explainable AI (XAI) & UI/UX Designers

Why

1. The call requires demonstration in real-world environments
2. At least 3 countries" requirement
3. They must be willing to provide access to high-granularity data for training the Generative and Discriminative AI models.
4. Companies managing buses, trams, metros, or trains.
5. To ensure that the AI-driven suggestions are understandable and trusted by both operators and passengers.

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FIND US

Lorem Ipsum

Rhoé P.C.

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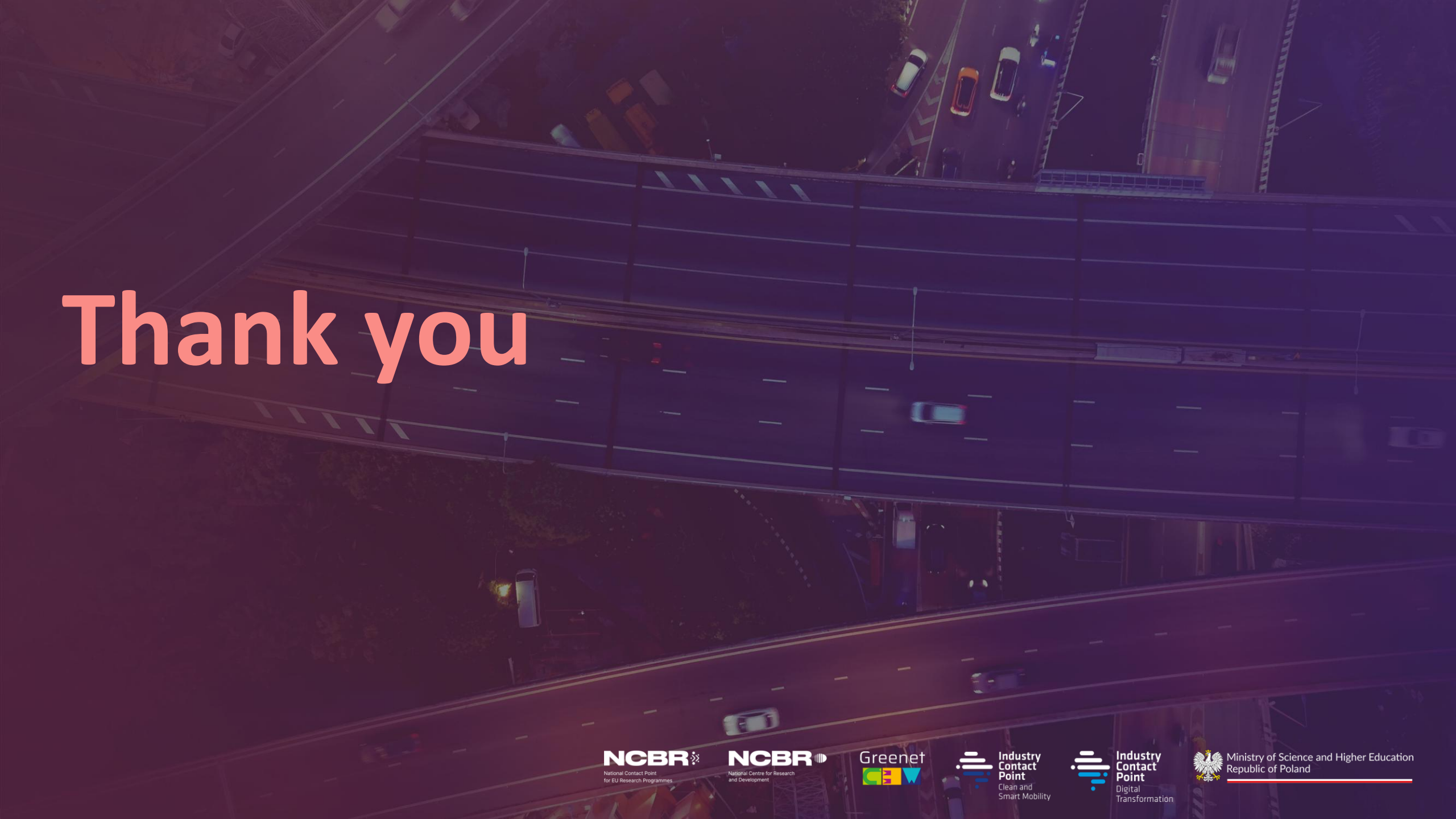

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