

Korea-EU Horizon Europe Researchers Networking Forum on Advanced Mobility

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Atmospheric Aerosol



1. Introduction

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- **Measurement of particulate and gaseous emissions**
- **Establishment of both laboratory and real-world measurement**



2. Expertise

Chemical and physical characterization of emissions

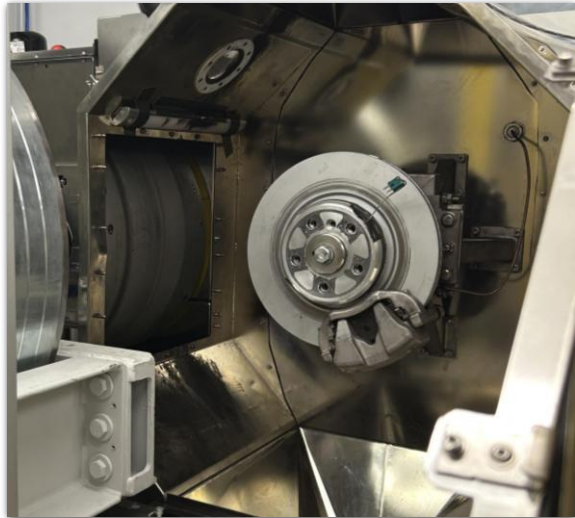


- **State-of-the-art test facilities & instrument**
- **Source apportionment using chemical fingerprinting & analytical methods**



3. Non-exhaust emissions in road and railway transport

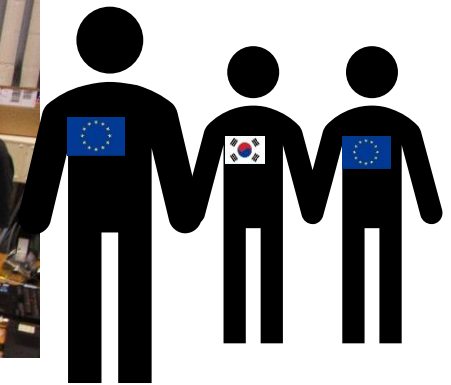
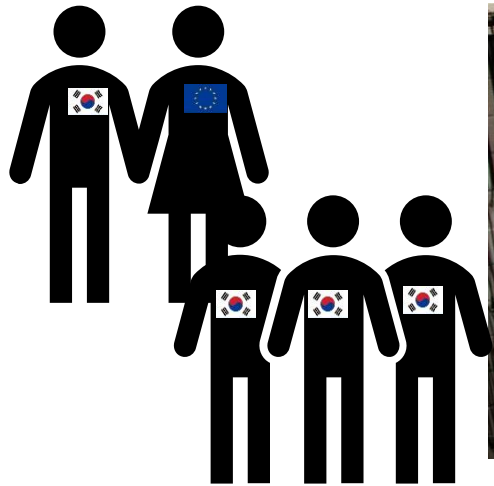
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- **Laboratory conditions for tire and brake wear particles**
- **Measurement campaign under real-world conditions**
- **Collaboration with MVG (Munich Subway Operator) for Railway Transport**

4. Looking for comparative measurement studies

Brake, tire wear and railway road emissions by establishing comparative measurement studies between Europe and Korea



- **Compare NEE between Germany and Korea (Environmental & health impact)**
- **Develop joint methodologies and applicable emission factors for Germany & Korea**



5. Contact Details

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