



Session 4

Preparing for National Deployment of Electrified Road Systems in Europe

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Preparing for National Deployment of Electrified Road Systems

Pays grid fees for itself and for ERS Users

Electricity supply

Pays leakage current

Electricity supply

Pays for electricity

Electricity supply contract

**ERS** operator (Autobahn GmbH)

Mobility

provider

ERS-Framecontract Pays grid feeds

A The grid fees

refer only to the

network levels

upstream of

Distribution

grid operator

Electricity

supplier 1

Electricity

supplier 2

in Europe

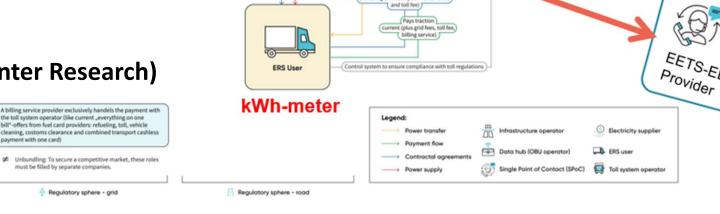
Nathan Kalesnikoff (Siemens Mobility, Inc.)

Alia Hall (Continental Automotive Systems)

3. Michael Weigelt (Univ Nuremberg / Eroad Center Research)

4. Andreas Wendt (ElectReon)

5. Jan Pettersson (Swedish Transport Administration)



(Pays traction)



Finances construction and operatio

of ERS (incl. grid fees and leakage curret)

Billing service

provider

Billing service contract (handling of mobility service contract



**IKEM** 

Federal Trunk Road

Authority

Federal Ministry for

Digital and Transport

**Federal Budget** 

Toll system operator

(Toll Collect GmbH)

Federal Office for

**Goods Transport**