



PROGRAM

Transfer-Workshop Cluster 1 "Powertrain & Electrification"

Duesseldorf, April 18th 2012

AIRBUS **BOEING** **DLR** **Lufthansa Technik**
BOMBARDIER **SIEMENS** **FF** **Ministerium für Wirtschaft, Energie, Bauen, Wohnen und Verkehr des Landes Nordrhein-Westfalen**
Audi **Ford** **RENAULT** **PORSCHE** **ŠKODA** **OPEL** **VW**
BOSCH **MAGNA** **HOERBIGER** **Valeo**
Johnson Controls **P&T LUXEMBOURG** **helo** **EnergieRegion.NRW Cluster EnergieWirtschaft**
AC styria **APMA LEAD. REACH. CONNECT.** **Auto21** **AutomotiveNL** **PROSPECTING | partners**

PROGRAM

1. **Welcome** (5 minutes)

2. **Synergies between Aircraft, Railway and Automotive.** (3 x 10 minutes)

This is the motto of the 5th NOAE project day in Duesseldorf:

Three short presentations from

- Mr. Sondermann, VALEO **Automotive**
- Mr Eelman , Boeing **Aircraft**
- Mr. Ertl, Bombardier **Railway**

3. **Spotlight to project proposals.** (50 minutes)

We are expecting about 8 new project proposals. During short pitches with of maximum of three sheets and 5 minutes each project-leader will present:

- Who are you, introduce yourself?
- What is the description of the project?
- What do you expect from the Cluster 1 participants?

4. **Activity plan.** (15 minutes)

Summary of the workshop results and set up of an activity plan, where headlines of the projects will be defined and the participants of the workshop can identify their specific added value in joining these projects.

5. **Closure**

Project proposals

- Hydrogen Technology ,Synergy for Mobility **Magna Steyr**
- Battery Recycling **ARN & KEMA**
- Model for buses: Total Costs of Ownership **Zero Emission Bustransport**
- EV Test Site **AutomotiveNL**



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