

EFV Conference 2007 in Germany

GRPE - meeting

11th January 2007

Geneva / CH



Federal Ministry
of Transport, Building
and Urban Affairs

Agenda

1. Welcome

2. Background Information

- 2.1 1. EFV-Conference Tokyo 2003
- 2.2 2. EFV-Conference Birmingham 2005
- 2.3 3. EFV-Conference Germany (Dresden) 2007

3. Content of the 3. EFV-Conference

- 3.1 Introduction / basic ideas from Germany
- 3.2 Exchange of views
- 3.3 What can be done by WP.29 (GRPE) ?

4. Conclusions and further steps



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2. Background Information

2.1 1. EFV-Conference Japan 2003

Tokyo, 23.-24. January 2003

[Chair`s Statement](#)



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2. Background Information

2.2 2. EFV-Conference UK 2005

Birmingham, 10.-11. November 2005

[Chairman`s Summary](#)



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and Urban Affairs

2. Background Information

2.3 3. EFV-Conference Germany (Dresden) 2007

The 3. EFV-Conference 2007 is part of the
German G8-Presidency.

Conference date: 19.-20. November 2007

Conference place: [Dresden](#)

Conference location: „Gläserne Manufaktur“



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2. Background Information

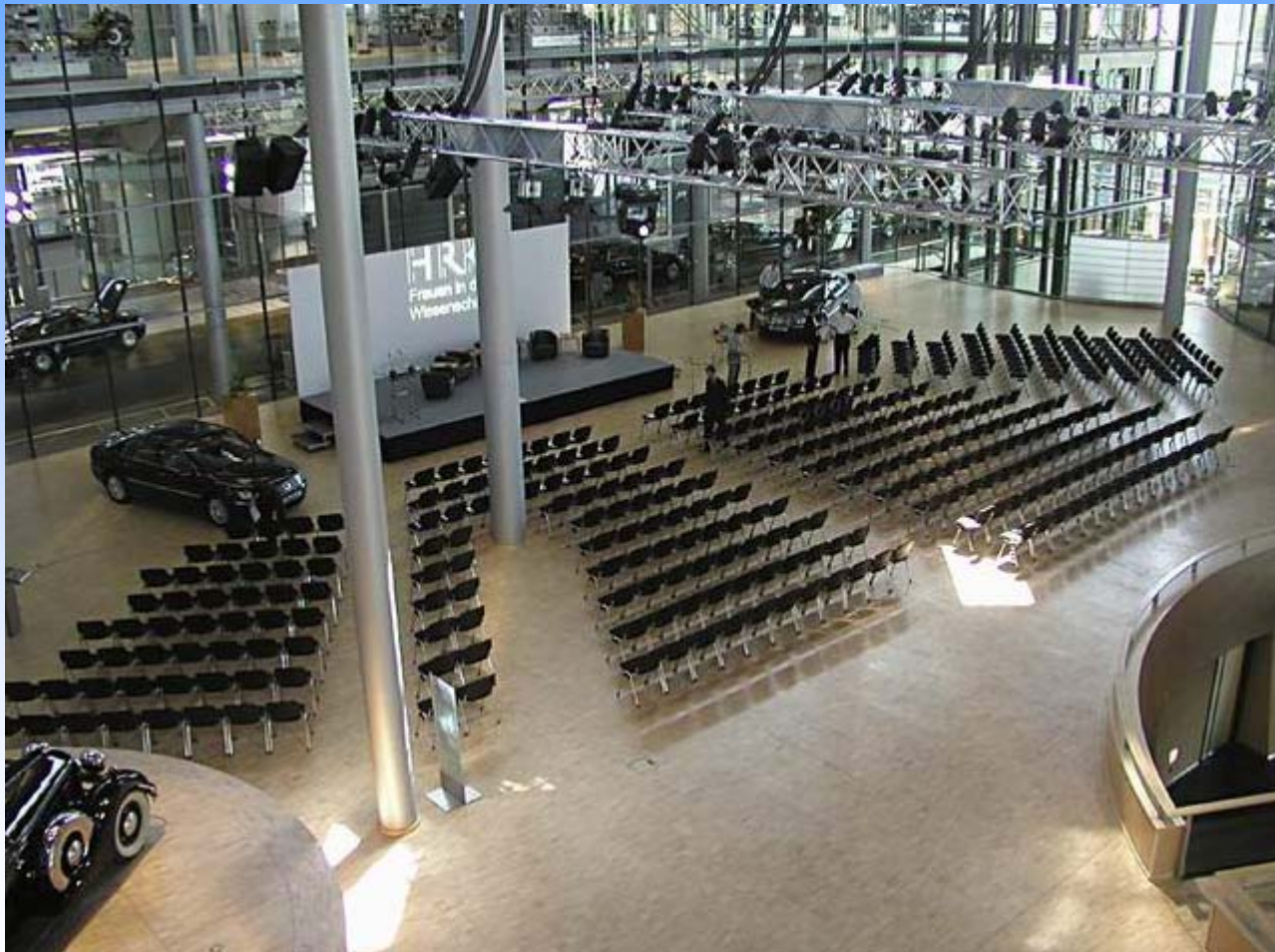
2.3 3. EFV-Conference Germany (Dresden) 2007



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2. Background Information

2.3 3. EFV-Conference Germany (Dresden) 2007



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2. Background Information

2.3 3. EFV-Conference Germany (Dresden) 2007

Expected participants: ~ 300 People

from: Government

Research and Development

Industry

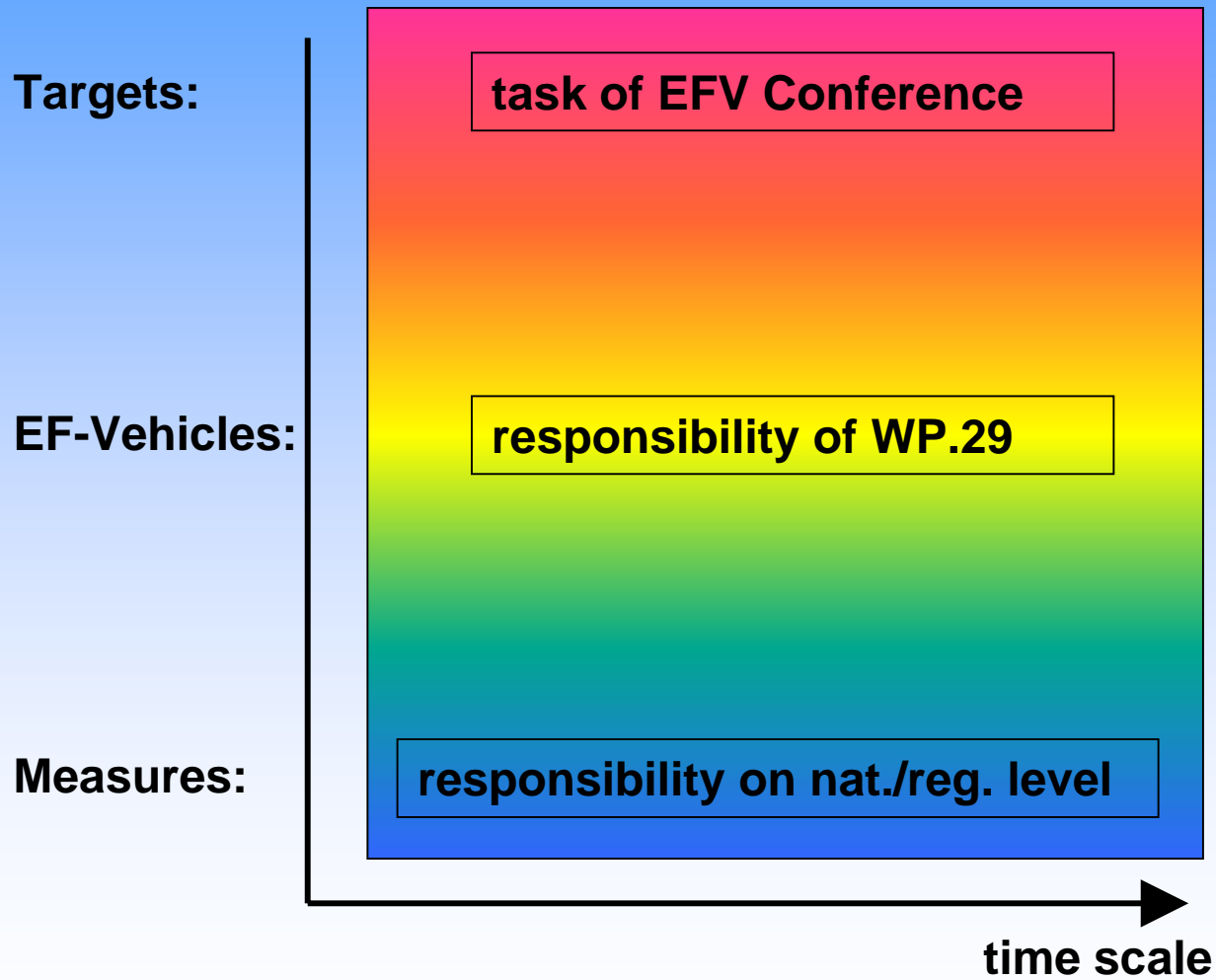
Consumer



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3. Content of the 3. EFV-Conference

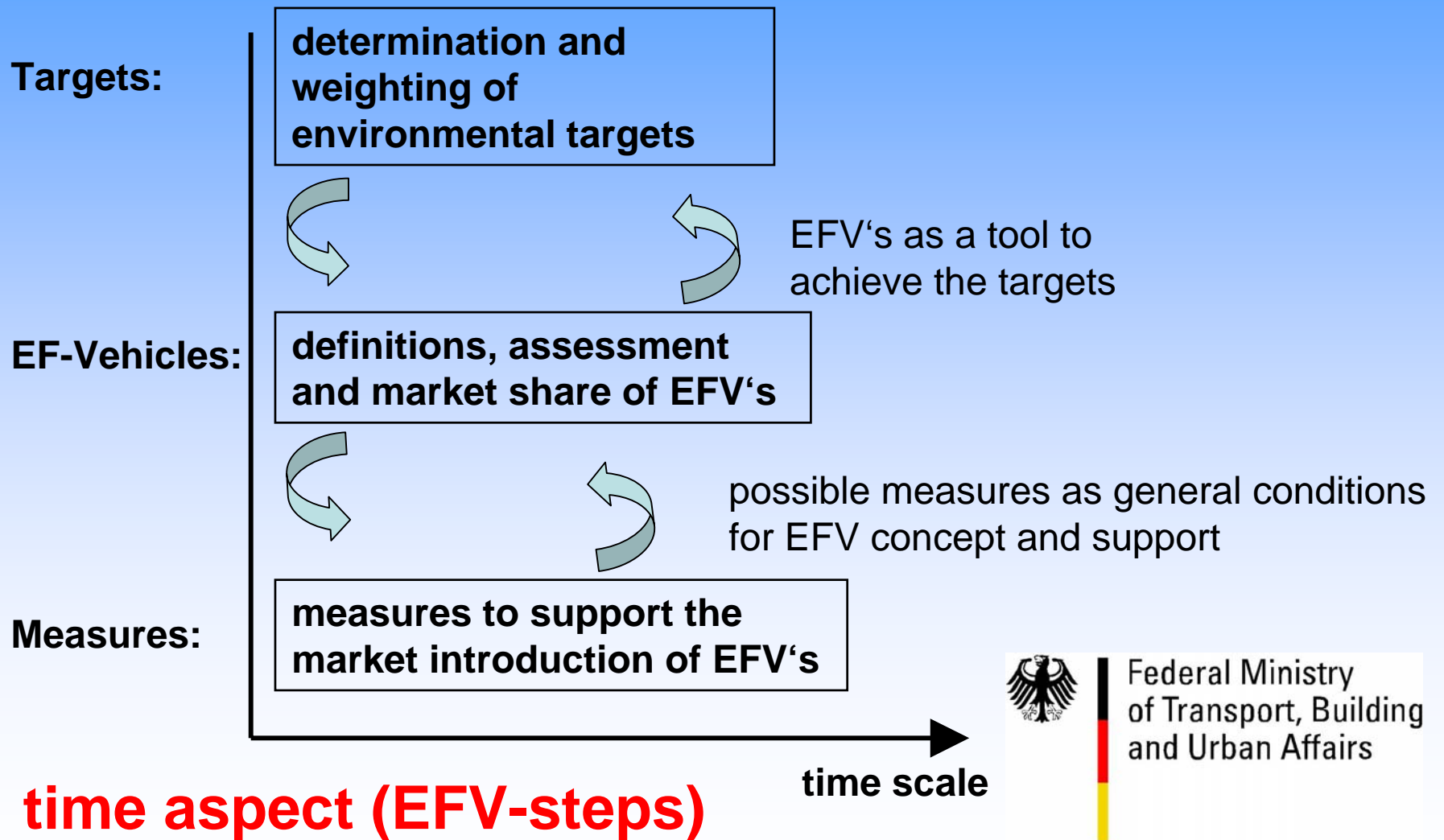
3.1 Introduction / basic ideas from Germany



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3. Content of the 3. EFV-Conference

3.1 Introduction / basic ideas from Germany



3. Content of the 3. EFV-Conference

3.1 Introduction / basic ideas from Germany

Targets:

- CO₂-reduction (X1 %)
- fuel efficiency (X2 %)
- reduction of pollutant emissions (X3 %)
- ...

EF-Vehicles:

- biofuels
- CNG / LPG
- further development and improvement of existing engine technologies
- ...

Measures:

- Government support (e.g. tax)
- incentives
- ...

short view terms

time scale



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3. Content of the 3. EFV-Conference

3.1 Introduction / basic ideas from Germany

Targets:

- CO₂-reduction (Y1 %)
- fuel efficiency (Y2 %)
- reduction of pollutant emissions (Y3 %)
- ...

EF-Vehicles:

- Enhancement of the share of conventional biofuels
- syntetic biofuels
- increased use of the hybrid technology
- ...

Measures:

- special tax incentives
- Regulation of the vehicle fleet
- support of new developments
- ...

mid view terms

time scale 



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3. Content of the 3. EFV-Conference

3.1 Introduction / basic ideas from Germany

Targets:

- CO₂-reduction (Z1 %)
- fuel efficiency (Z2 %)
- reduction of pollutant emissions (Z3 %)
- ...

EF-Vehicles:

- hydrogen / fuel cells
- ...

Measures:

- ...

long view terms

time scale

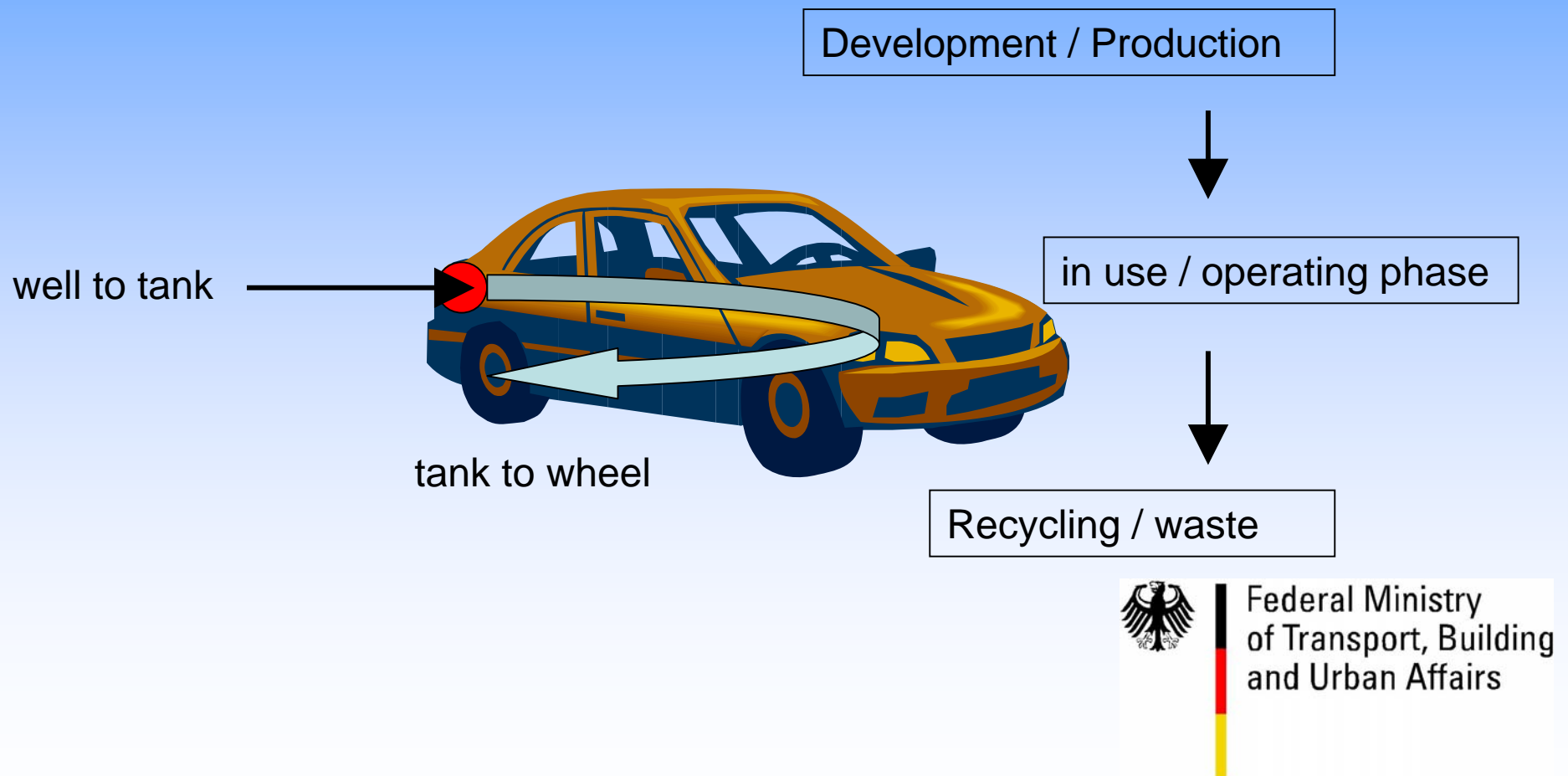


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3. Content of the 3. EFV-Conference

3.1 Introduction / basic ideas from Germany

Life-Cycle-Analysis as basis for the assessment of EFV:



3. Content of the 3. EFV-Conference

3.1 Introduction / basic ideas from Germany

- well to tank:**
- tap of new resources and production of energy-carrier
 - storage and transport
 - infrastructure and refueling
 - ...

- tank to wheel:**
- which kind of vehicle technology?
 - which type of vehicle (passenger car, truck, ...)?
 - which kind of fuel will be used?
 - emissions and fuel efficiency ?
 - behavior of the driver and traffic situation ?
 - ...



3. Content of the 3. EFV-Conference

3.2 What can be done by the EFV-Conference

- Future role of EFV Conference**
- Determination of targets**
- Monitoring of targets,
market introduction of EFV's**
- Information about measures**
- ...**



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3. Content of the 3. EFV-Conference

3.3 What can be done by WP.29 (GRPE) ?

- Informal Group? (decision by WP.29/GRPE)**
- Development of an EFV-assessment-system
linked to well to wheel / Life-Cycle-Analysis**
- fuels**
- ...**



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4. Conclusions and further steps

Conclusions: - to be determined

further steps: - if necessary an additional ad hoc meeting
- information for WP.29 (March 2007)
- ...



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