EFV Conference 2007 in Germany

14th March 2007

141. Session WP.29

Geneva

Federal Ministry
of Transport, Building
and Urban Affairs

Agenda

Federal Ministry
of Transport, Building
and Urban Affairs

2.   Background Information

2.1   1. EFV-Conference Japan 2003

          Tokyo, 23.-24. January 2003

          Chair`s Statement

Federal Ministry
of Transport, Building
and Urban Affairs

2.   Background Information

2.2   2. EFV-Conference UK 2005

Birmingham, 10.-11. November 2005

Chairman`s Summary

Federal Ministry
of Transport, Building
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: Maritim Hotel - International

Congress Center

Federal Ministry
of Transport, Building
and Urban Affairs

2. Background Information

2.3   3. EFV-Conference Germany (Dresden) 2007

Federal Ministry
of Transport, Building
and Urban Affairs

2.   Background Information

2.3   3. EFV-Conference Germany (Dresden) 2007

Federal Ministry
of Transport, Building
and Urban Affairs

2. Background Information

2.3 3. EFV-Conference Germany (Dresden) 2007

Expected participants: ~ 300 People
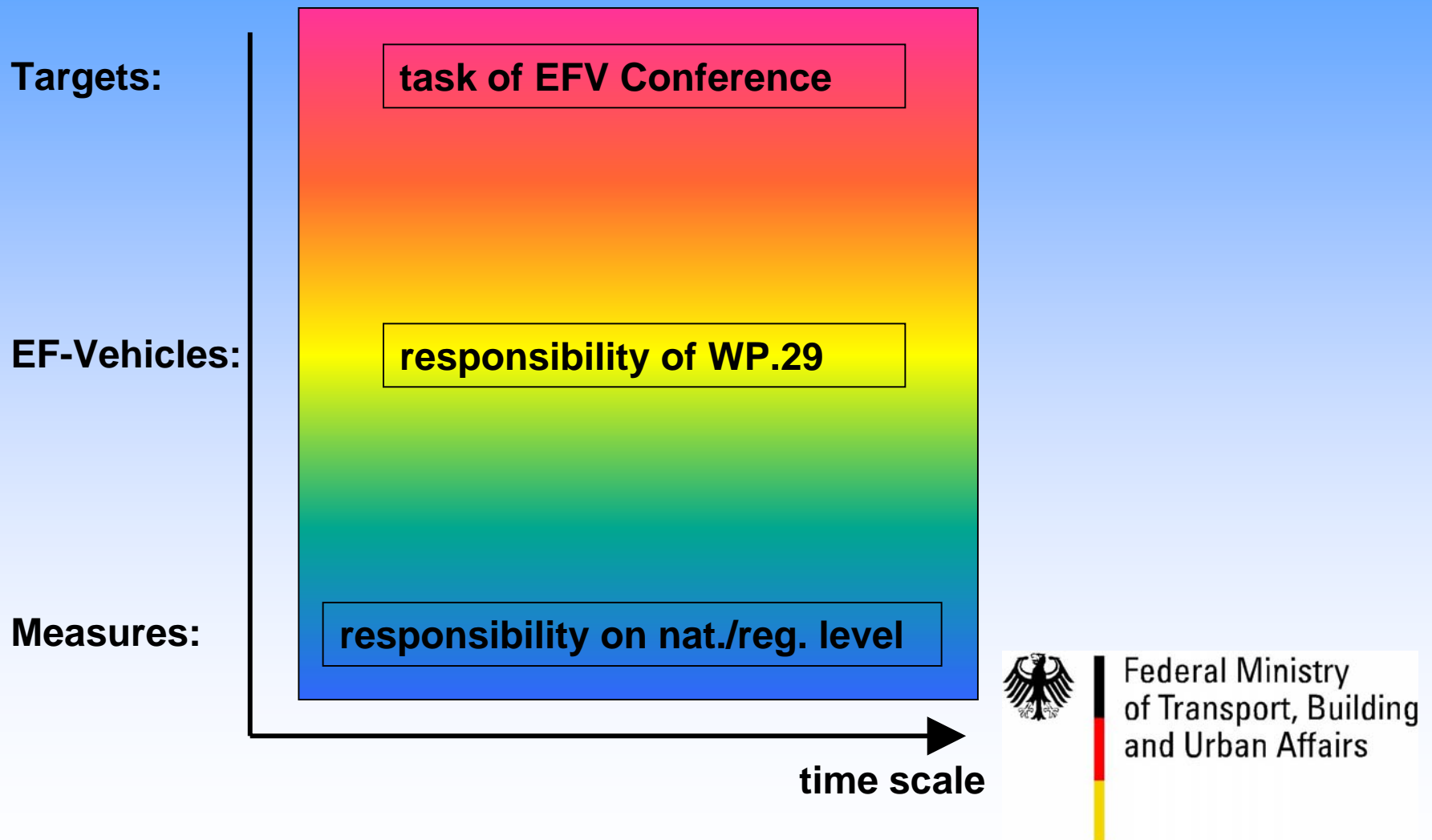
from: Government

Research and Development

Industry

Consumer
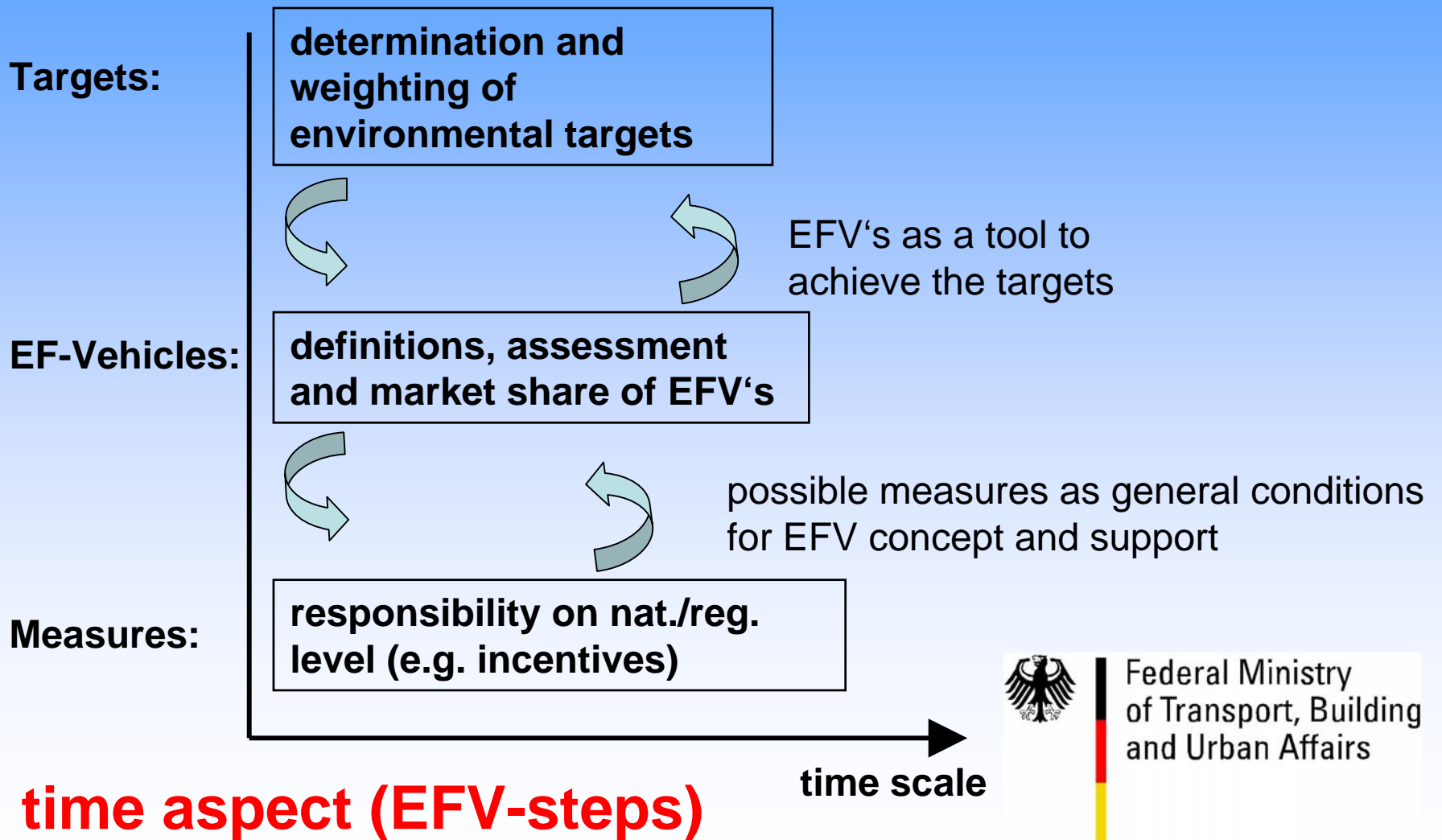
Federal Ministry
of Transport, Building
and Urban Affairs

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:

> determination and weighting of environmental targets

EFV's as a tool to achieve the targets

EF-Vehicles:

> definitions, assessment and market share of EFV's

possible measures as general conditions for EFV concept and support

Measures:

> responsibility on nat./reg. level (e.g. incentives)

time scale

time aspect (EFV-steps)

Federal Ministry of Transport, Building and Urban Affairs

3. Content of the 3. EFV-Conference

3.1 Introduction / basic ideas from Germany

Targets:

- CO_2-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

Federal Ministry
of Transport, Building
and Urban Affairs

3. Content of the 3. EFV-Conference

3.1 Introduction / basic ideas from Germany

Targets:

- CO_2-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:

responsibility on nat./reg. level
(e.g. incentives)

mid view terms   **time scale**

Federal Ministry
of Transport, Building
and Urban Affairs

3. Content of the 3. EFV-Conference

3.1 Introduction / basic ideas from Germany

Targets:

- CO_2-reduction (Z1 %)
- fuel efficiency (Z2 %)
- reduction of pollutant emissions (Z3 %)
- …

EF-Vehicles:

- hydrogen / fuel cells
- …

Measures:

responsibility on nat./reg. level
(e.g. incentives)

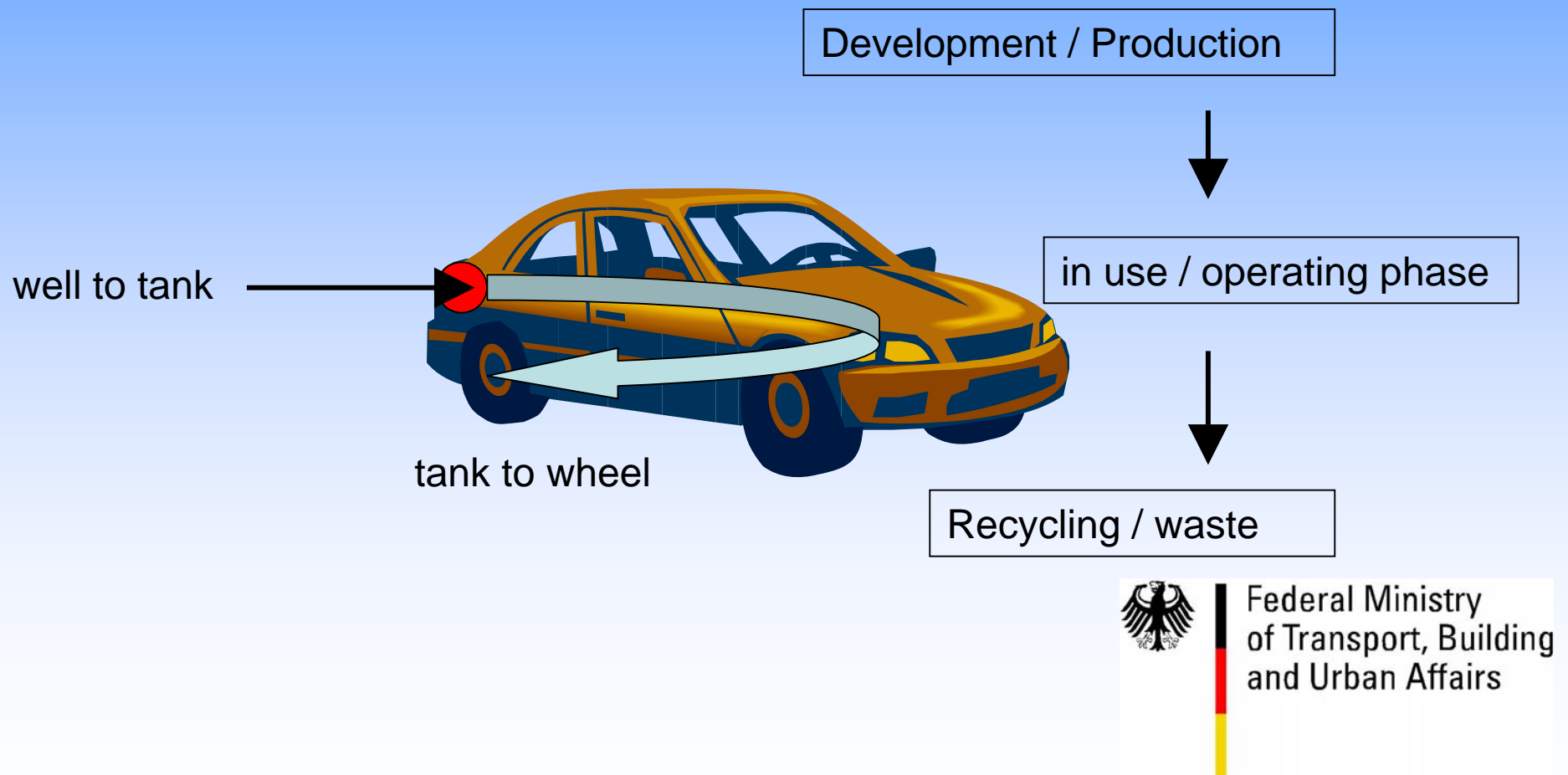**long view terms**   **time scale**

Federal Ministry
of Transport, Building
and Urban Affairs

3. Content of the 3. EFV-Conference

3.1 Introduction / basic ideas from Germany

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

Development / Production

well to tank

tank to wheel

in use / operating phase

Recycling / waste

Federal Ministry
of Transport, Building
and Urban Affairs

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 ?

- …

Federal Ministry of Transport, Building and Urban Affairs

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

- …

Federal Ministry
of Transport, Building
and Urban Affairs

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 a methodologie for the validation

  of EFV **(no limit values !)**

  linked to well to wheel / Life-Cycle-Analysis

- Integration of fuel standards

- Mandate for Speaker representing WP.29 during

  EFV Conference in Dresden

- …

Federal Ministry
of Transport, Building
and Urban Affairs

Contact

Thank's for your attention !

For further questions please contact:

Mr. Christian Theis   christian.theis@bmvbs.bund.de

Ms. Bärbel Esser   baerbel.esser@bmvbs.bund.de

Federal Ministry
of Transport, Building
and Urban Affairs