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Federal Ministry for the Environment, Natur Conservation and Nuclear Safety Division WA II 3

English translation of the

## German Law Governing the Disposal of End-of-life Vehicles (End-of-life Vehicle Act - AltfahrzeugG) of 21. June 2002 (Federal Law Gazette I number 41 page 2199 of 28 June 2002)

by the German Association of Motor Vehicle Importers <sup>1</sup>

<sup>&</sup>lt;sup>1</sup> This translation has not seen approved by the Federal Government

# Law Governing the Disposal of End-of-life Vehicles (End-of-life Vehicle Act – AltfahrzeugG)<sup>1</sup>

of 21 June 2002

The Bundestag, with the approval of the Bundesrat, has passed the following law:

## Article 1

## Amendment of the Act establishing the Commercial Code

The Act establishing the Commercial Code in the revised version published in the Federal Official Gazette (FOG) part III, classification number 4101-1, last amended by Article 2 of the Act of 26 May 2002 (FOG I P. 1219), is being amended as follows:

The following chapter seventeen is inserted after chapter sixteen:

#### "Chapter Seventeen Transitional Provisions for the End-of-Life Vehicle Act

#### Article 53

(1) For the obligation to take back and recycle end-of-life vehicles according to §§ 3 to 5 of the End-of-Life Vehicle Ordinance in the version published on 21 June 2002 (FOG I P. 2214), reserves for the vehicles put on the market up until the respective cut-off date must be formed for the first time in the financial statements for the fiscal year ending after 26 April 2002.

(2) Insofar as the obligation stipulated in Paragraph 1 relates to vehicles, which were put on the market before 01 July 2002, the differential amount between the reserves to be formed according to Paragraph 1 and the amount of the reserves, which would result if these reserves were accumulated in equal annual instalments, may be capitalized as a balance sheet aid. In this respect, an accumulation period is to be used that starts with the fiscal year referred to in Paragraph 1 and ends with the last fiscal year ending prior to 01 January 2007. In the balance sheet the item is to be reported before the fixed assets under the description: "Adjustment amount under the End-of-life Vehicle Act". Article 44 Para. 1, Sentences 5 and 6 apply accordingly. "

## Article 2 Amendment of the Income Tax Act

The Income Tax Act in the version published on 16 April 1997 (FOG I P. 821), last amended by Article 19 of the Act of 21 June 2002 (FOG I P. 2010, 1313), is being amended as follows:

- 1. § 6 Para. 1 No. 3a is being amended as follows:
  - a) Under Letter d, the following sentence is inserted after Sentence 1:

"Reserves for statutory obligations to take back and recycle products put on the market prior to the corresponding statutory obligations having entered into force, are to be accumulated in equal instalments by time quota up to the beginning of the respective fulfillment; Letter e does not apply in this respect."

- b) Under Letter e Sentence 3, the reference "Letter d Sentence 2" is replaced by the reference "Letter d Sentence 3".
- In § 52 Paragraph 16 Sentence 10, the reference "§ 6 Para. 1 No. 3a Letter d Sentence 2 and Letter e Sentence 3" is replaced by the reference "§ 6 Para. 1 No. 3a Letter d Sentence 2 and Letter e Sentence 3 in the version of the Act of 24 March 1999 (FOG I P. 402)".

## Article 3 Amendment of the Ordinance on the Transfer and Environmentally Sound Disposal of End-of-life Vehicles (End-of-Life vehicle Ordinance – AltautoV)

The End-of-life Vehicle Ordinance of 4 July 1997 (FOG I P. 1666), amended by Article 315 of the Ordinance of 29 October 2001 (FOG I P. 2785), is being amended as follows:

1. The title is worded as follows:

"Ordinance on the Transfer, Collection and Environmentally Sound Disposal of End-of-life Vehicles (End-of-life Vehicle Ordinance – AltfahrzeugV)"

2. § 1 is worded as follows:

## "§ 1

Area of Application "(1) This Ordinance applies to vehicles and end-of-life vehicles including their components and materials. Notwithstanding § 3 Para. 4, it applies regardless of how the vehicle has been

<sup>&</sup>lt;sup>1</sup> This Act serves the purpose of transposing Directive 2000/53/EC of the European Parliament and the Council of 18 September 2000 on end-of-life vehicles (OJ EC No. L 269 page 34) into German law.

The obligations under Directive 98/34EC of the European Parliament and the Council of 22 June 1998, laying down a procedure for the provision of information in the field of technical standards and regulations (OJ EC No. 1. 204 page 37), last amended by Directive 98/48/EC of the European Parliament and the Council of 20July 1998 (OJ EC No. L 217 page 18) were taken into consideration.

serviced and repaired during its use and of whether it is fitted with components supplied by the manufacturer or with other components, provided that their installation as replacement, exchange or retrofit parts complies with the respective regulations governing the type approval of vehicles for traffic on public roads.

(2) §§ 9 and 10 do not apply to a manufacturer who manufactures or imports vehicles exclusively in the meaning of Article 8 Para. 2 Letter a) of Council Directive 70/156/EEC of 6 February 1970 on the approximation of the laws of the Member States relating to the type-approval of motor vehicles and their trailers (OJ EC No. L 42 P. 1, No. L 225 P. 6), and also not to the vehicles manufactured or imported by such manufacturer (small lot provision). The Federal Motor Vehicle Department decides upon request whether the prerequisites of Sentence 1 are fulfilled.

(3) For vehicles with a special purpose in the meaning of Article 4 Para. 1 Letter a) second bullet of Council Directive 70/156/EEC of 06 February 1970 on the approximation of the laws of the Member States relating to the type-approval of motor vehicles and their trailers (OJ EC No. L 42 P. 1, Nr. L 225 P. 4), the provisions of this Ordinance apply only up to a maximum permissible weight of 3.5 tons. The vehicles referred to in Sentence 1 are exempt from the requirements under § 5 Para. 1. Instruments, components and other equipment required for the special purpose of the vehicles referred to in Sentence 1 are exempt from the requirements under § 8.

(4) For three-wheeled motor vehicles, only \$ 1 to 5 apply.

(5) The provisions of this Ordinance apply to the economic operators as well as the owners, title-holders and last registered owners of end-of-life vehicles".

- 3. § 2 is amended as follows:
  - a) Paragraph 1 is worded as follows:

"(1) For the purposes of this Ordinance, the term

- "vehicle" means vehicles of the classes M<sub>1</sub> (vehicles for passenger transport with a maximum of 8 seats, not including the driver's seat) or N<sub>1</sub> (vehicles for goods transport with a maximum permissible weight of up to 3.5 tons) in accordance with Annex II Section A of Council Directive 70/156/EEC of 06 February 1970 on the approximation of the laws of the Member States relating to the type-approval of motor vehicles and their trailers (OJ EC No. L 42 P. 1, No. L 225 S. 34), as well as three-wheeled motor vehicles according to Directive 92/61/EEC (OJ EC No. L 225 P. 72), however not including three-wheeled motorcycles;
- "end-of-life vehicle" means vehicles which are waste according to § 3 Para. 1 of the Recycling and Waste Management Act;
- "manufacturer" means the manufacturer of vehicles according to the registration book, or the commercial importer of a vehicle and the manufacturer or the commercial importer of vehicle parts and materials, as well as their successors;

- "prevention" means any measure aimed at reducing the amount and the environmental harmfulness of end-of-life vehicles, their materials and substances;
- 5. "treatment" means any activity performed after the transfer of the end-of-life vehicle to a dismantling facility or of the stripped vehicle to a shredding facility or another facility for the purpose of depollution, dismantling, shredding, recycling or preparation for disposal of the shredder wastes, and any other activities carried out in connection with the recycling and/or disposal of end-of life vehicles and their components;
- "pre-treatment" means to remove and to render harmless any hazardous components as well as to drain any fluids;
- 7. "drainage" means the removal of any operating fluids;
- "compacting" means any measure aimed at reducing volume, through which the properties of the stripped vehicle are changed, e.g. by crashing the vehicle's roof, crushing the vehicle or cutting it up;
- "reuse" means any operation by which components of end-of life vehicles are reused for the same purpose for which they were designed;
- "recovery of materials" means the recycling of waste materials, by means of a production process, for their original purposes or for other purposes ( utilization of a material's properties, recovery of raw materials), however excluding recovery for the purpose of generating energy;
- 11. "recycling" means any of the applicable processes set forth in Annex II B of the Recycling and Waste Management Act;
- 12. "disposal" means any of the applicable processes set forth in Annex II A of the Recycling and Waste Management Act;
- "hazardous substance" means any substance which is considered dangerous under § 3a of the Chemicals Act;
- 14. "acceptance facility" means any business or business division accepting end-of-life vehicles for the purpose of making them available or forwarding them to dismantling facilities, without being a dismantling facility themselves.
- "collection facility" means any acceptance facility through which the manufacturer, or a third party contracted by the manufacturer, take end-of-life vehicles back;

- "dismantling facility" means any business or business division, in which end-of-life vehicles are treated for recovery and recycling purposes; this may also include collection;
- "stripped vehicle" means the end-of-life vehicle treated at a dismantling facility for recovery and recycling purposes in accordance with the provisions of Annex Number 3;
- "shredder" means any device used for tearing into pieces or fragmenting stripped vehicles or other metallic or metalliferous waste for the purpose of obtaining directly reusable metal scrap as well as, if applicable, other recyclable material fragments;
- "other further treatment facilities" means any facility that is not a shredder and serves the purpose of recovering metals from stripped vehicles as well as, if applicable, other recyclable material fragments;
- "dismantling information" means all information required for the correct and environmentally sound treatment of end-of life vehicles. It shall be made available to authorized treatment facilities by vehicle manufacturers and component producers in the form of manuals or electronic media (e.g. CD-ROM, on-line services);
- 21. "last registered owner" means the last owner of a vehicle listed in the registration book, to whom the vehicle is or was registered under the Road Traffic Type Approval Law;
- 22. "economic operators" means manufacturers, as well as operators of collection facilities, acceptance facilities, dismantling facilities, shredding facilities, other further treatment facilities, recovery and recycling businesses and other businesses for the treatment of end-of-life vehicles including their components and materials, as well as motor vehicle insurance companies;
- 23. "vehicle empty weight" means the relevant empty weight of a vehicle for the purpose of identifying the recycling targets; it is determined as follows:
   for class M<sub>1</sub> motor vehicles first registered up until 31 December 1996: empty weight according to registration book minus weight of the contents of the tank filled at 90%;
- for class M<sub>1</sub> motor vehicles first registered on or after 01 Januar7 1997: Empty weight according to registration book minus weight of the contents of the tank filled at 90% and minus the weight of the driver (75 kg);
- for class N<sub>1</sub> motor vehicles: Empty weight according to registration book minus weight of the contents of the tank filled at 90% and minus the weight of the driver (75 kg)."
- b) Paragraphs 2 to 4 are eliminated.
- c) Paragraph 5 becomes paragraph 2 and is worded as follows:

"(2) Acceptance facilities, collection facilities, dismantling facilities, shredding facilities and other further treatment facilities are authorized for the purposes of this Ordinance if

- 1. the respective facility possesses the required certification in accordance with § 5 Para. 3; or
- the facility is a specialized waste disposal operation and the compliance with the requirements of this Ordinance is verified and documented in the monitoring certificate."
- 4. The following § 3 is inserted below § 2:

## "§ 3

## Collection Obligation

(1) Vehicle manufacturers are required to take back all endof-life vehicles of their brand from the last registered owner. Vehicle manufacturers are required to take back the end-oflife vehicles specified in Sentence 1 free of charge from their delivery to an authorized collection facility, or to an authorized dismantling facility designated by the manufacturer.

(2) Public law waste disposal entities as defined by § 15 Para. 1 of the Recycling and Waste Management Act are treated the same as last registered owners in cases where the owners or title-holders of motor vehicles specified in § 15 Para. 4 of the Recycling and Waste Management Act could not be ascertained. Paragraph 4 No. 1, 2 and 5 do not apply in these cases.

(3) Vehicles manufacturers are required to, individually or jointly, establish a dense network of authorized collection facilities, either directly or through contracts with third parties. These collection facilities must be located within reasonable distance from the last registered owner.

- (4) Paragraph 1 Sentence 2 does not apply if
- the end-of-life vehicle is not registered or was not registered last in compliance with the provisions of the German registration process;
- the end-of-life vehicle has been registered in accordance with the provisions of the German registration process for an overall period of less than one months prior to its retirement;
- the end-of-life vehicle no longer contains essential components and assemblies, in particular the drive train, body, chassis, catalytic converter or electronic controls for vehicle functions;
- 4. waste has been added to the end-of-life vehicle;
- 5. the vehicle registration book is not handed over
- the end-of-life vehicle is a class M<sub>1</sub> or N<sub>1</sub> vehicle, which was not produced and approved in series and in a single-stage process.

(5) Vehicle manufacturers shall provide the necessary information on the collection facilities set up by them in an adequate way, in order to inform the last registered owner upon request of the location of a suitable collection facility.

(6) Manufacturers and distributors of components for passenger vehicles are required to ensure that used parts from repairs performed in motor vehicle repair facilities or in comparable commercial establishments are taken back for the purpose of being properly and safely recovered/recycled, or disposed of in a way that is in the best public interest. The parties involved may enter into agreements on the necessary measures and the distribution of the costs."

- 5. § 3 becomes § 4 and is amended as follows:
  - a) Paragraph 1 is worded as follows:

"(1) Anybody getting rid of, wanting to get rid of or having to get rid of a vehicle is required to transfer such vehicle only to an approved acceptance facility, an approved collection facility or an approved dismantling facility."

b) In Paragraph 2 Sentence 1, the words "recycling facilities" are replaced by the words "dismantling facilities", in Sentence 3 the words "recycling facilities" are replaced by the words "dismantling facilities", and in Sentence 3 the words "A recycling facility may" are replace by the words "Operators of dismantling facilities may", in Sentence 4, the words "or authorized collection facilities" are inserted after the words "acceptance facilities", and the following Sentences 5 and 6 are appended after Sentence 4:

"Upon issuing or delivering the Certificate of Destruction, end-of-life vehicles may only be turned over for the purpose of due treatment in compliance with the provisions of this Ordinance. This is warranted by issuing or delivering a Certificate of Destruction."

- c) In Paragraph 3, the words "and collection facilities" are inserted after the words "acceptance facilities", the words "end-of-life cars" are replaced by the words "end-of-life vehicles", and the words "recycling facility" by the words "dismantling facility";
- d) Paragraph 4 is worded as follows:

"(4) Operators of dismantling facilities are required to transfer stripped vehicles only to authorized shredding facilities. Notwithstanding Sentence 1, the authority responsible for the monitoring of the dismantling facility may, upon presentation of an expert opinion (§ 6) grant permission for stripped vehicles to be turned over also to another further treatment facility."

e) The following paragraph 5 is appended after paragraph 4:

"(5) With the exception of § 26, the provisions of the Ordinance on Waste Recovery and Disposal Records do not apply to the transfer according to paragraphs 1 to 3."

- 6. § 4 becomes § 5 and is worded as follows:
  - a) Paragraphs 1 to 4 are worded as follows:

- "(1) The economic operators shall ensure that, based on the average empty vehicle weight of all end-of-life vehicles turned over per year, the following targets are met:
- 1. as of 01 January 2006, at the latest

a) Recovery and reuse of at least 85 percent of the weight;

b) Recovery and recycling of materials at a rate of at least 80 percent of the weight; and

2. as of January 2015, at the latest

a) Recovery and reuse of at least 95 percent of the weight;

b) Recovery and recycling of materials at a rate of at least 85 percent of the weight.

(2) Operators of acceptance facilities, collection facilities, dismantling facilities, shredder facilities and other further treatment facilities are required to fulfill the respectively applicable requirements of the Annex. The operators specified in Sentence 1 may only accept or treat end-of-life vehicles or stripped vehicles, if they are authorized as set forth in § 2 Para. 2.

(3) The compliance with the requirements set forth in Paragraph 2 Sentence 1 shall be certified by an expert (§ 6). This certification may only be granted if the requirements of the Annex are fulfilled. The certification is valid for a period of no more than 18 months. The expert shall revoke the certification immediately if, upon verifying and auditing the fulfillment of the respective facility-specific requirements of the Annex, he is convinced that the operator does not or no longer fulfill the requirements for the granting of the certification, not even after a grace period of no longer than three months granted by the expert. Sentences 2 and 4 do not apply with regard to the fulfillment of the requirements under Annex Number 3.2.4.1 Para. 3 and Number 4.1.2. The expert is required to notify the competent supervisory authorities responsible for the facility immediately of such revocation and non-fulfillment of the requirements under Annex Number 3.2.4.1 Para. 3 and Number 4.1.2. For acceptance and collection facilities that are motor vehicle repair workshops, the certification is done through the respective competent motor vehicle guild. Sentences 2 to 6 apply accordingly to the motor vehicle guilds. When verifying the fulfillment of the requirements, results of audits are to be taken into consideration, which have been performed

 by an independent environmental expert or an environmental expert firm in accordance with Article 4 Paragraph 3 of Council Regulation (EEC) No. 1836/93 of 29 June 1993, allowing voluntary participation by companies in the industrial sector in a Community eco-management and audit scheme (OJ EC No. L 168 P. 1), or in accordance with Article 3 Paragraph 2 Letter d, and Paragraph 3 Letter a of Regulation (EC) No 761/2001 of the European Parliament and of the Council allowing voluntary participation by organisations in a Community eco-management and audit scheme (OJ EC No. L 114 P. 1);

- by an entity accredited according to DIN EN 45012 in connection with quality management certification according to DIN EN ISO 9001 or 9004; or
- by experts in connection with the audit of facilities in accordance with § 19i Para. 2 Sentence 3 of the Water Management Act and with the provisions decreed by the Länder under this Act."

(4) Paragraph 3 Sentences 1 to 6 applies accordingly for accreditation in accordance with § 2 Paragraph 2 No. 2."

- b) § 4 Paragraph 3 (old) is deleted
- c) § 4 Paragraph 4 (old) becomes § 5 Paragraph 5.
- 7. § 5 becomes § 6 and is worded as follows:

## "§ 6 Experts

Certification in accordance with § 5 Para. 3 Sentence 1 may only be granted by someone who

- has been publicly appointed according to § 36 of the Trade Regulation Act; or
- 2. possesses a license as environmental expert or environmental expert firm in accordance with §§ 9 and 10 of the Environmental Audit Act of 7 December 1995, last amended by Article 26 of the Act of 27 April 2002 (FOG I P. 1467), for activities under Section D Subsection DN No. 37 of the Annex of Council Regulation (EEC) No. 3037/90 of 09 October 1990 on the statistical classification of economic activities in the European Community (OJ EC No. L 293 P. 1), amended by Regulation (EEC) No. 761/93 of 24 March 1993 (OJ EC No. L 83 P. 1)."
- 8. The following § 7 is inserted after § 6:

#### "§ 7 Notification Duties

(1) The operators of acceptance facilities, collection facilities, dismantling facilities, shredding facilities and other further treatment facilities are required to promptly present their valid certification according to § 5 Para. 3 Sentence 1 including the audit report, or the valid monitoring certificate of a technical inspection organization or a waste disposal joint-venture, including the audit report, as well as the number assigned to the authority responsible for monitoring the respective facility in accordance with § 27 Para. 3 of the Ordinance on Waste Recovery and Disposal Records of 10 September 1996 (FOG I P. 1382, 1997 I P. 2860). If the acceptance or collection facilities are motor vehicle repair workshops, the competent motor vehicle guild shall present the certification including the audit report to the authority responsible for monitoring the respective facility.

(2) The agencies in charge of licensing experts and expert firms pursuant to § 6 shall promptly notify the joint agency specified in § 32 Para. 2 of the Environmental Audit Act of any licenses granted by them and of any modifications made thereto. This joint agency shall generate up-to-date lists from this data on a regular basis and make them public in a suitable manner.

(2a) The experts under § 6 shall, for the dismantling facilities, shredders and other further treatment facilities accredited by them, immediately forward a copy of any certificates granted or revoked by them to a joint agency to be set up by the Länder. These documents must contain at least the following information:

- 1. Name and address of the company,
- 2. Address of the accredited facility or operating unit,
- Facility number in accordance with § 27 Para 3 of the Ordinance on Waste Recovery and Disposal Records for the facilities or operating units referred to in number 2 above
- 4. Communications equipment
- 5. Contacts
- 6. Competent approval authority
- 7. Date of issue and expiry of the certificate.

For dismantling facilities that have been designated by one or several manufacturers for the free collection of end-of-life vehicles, the manufacturers who have designated the dismantling facilities for this purpose must also be listed. The requirements of sentences 1 to 3 also apply to experts, technical inspection organizations or waste disposal jointventures accrediting the businesses set forth in Sentence 1 as specialized waste disposal facility. The agency referred to in Sentence 1 shall, on a regular basis, generate up-to-date lists from the data from Sentence 2 No. 1 to 5 and Sentence 3, and make them public in a suitable manner.

(3) The expert (§ 6) shall notify the authority in charge of monitoring the respective facility with at least 14 days' prior notice of the audit date for the granting of the certification in accordance with § 5 Para. 3. For facilities referred to in § 2 Paragraph 2 Number2, Sentence 1 shall apply accordingly."

9. The following § 8 is inserted after § 7:

#### "§ 8 Waste Prevention

(1) In order to promote the prevention of waste,

- the utilization of hazardous materials in vehicles is to be restricted and already during the conceptualization of vehicles to be reduced as much as possible, in particular in order to prevent their being released into the environment, make the recycling of materials easier and avoid the need to dispose of hazardous waste;
- extensive consideration is to be given to the dismantling, reuse, recovery and, in particular, the recycling of endof-life vehicles and their

materials and components when designing and producing new vehicles;

- 3. an increasing amount of recycled materials is to be used in the production of vehicles and other products.
- (2) After 01 July 2003 vehicles, as well as materials and components for those vehicles, may only be put on the market if they do not contain any lead, mercury, cadmium or hexavalent chrome. Sentence 1 does not apply to the cases and under the conditions set forth in Annex II of the respective applicable version of Directive 2000/53/EC of the European Parliament and the Council of 18 September 2000 on end-of-life vehicles (OJ EC No. L 269 P. 34)."
- The following § 9 is inserted after § 8:
   "§ 9
   Coding Standards and Dismantling Information

(1) Vehicle manufacturers, in arrangement with materials and component manufacturers, are required to use component and material coding standards in compliance with the determination by the European Commission pursuant to Article 8 Paragraph 2 of Directive 2000/53/EC of the European Parliament and the Council of 18 September 2000 on end-of-life vehicles (OJ EC No. L 269 P. 34), in particular to facilitate the identification of those components and materials, which are suitable for reuse and recycling.

(2) Upon request vehicle manufacturers are required to provide dismantling information to accredited dismantling facilities for each type of new vehicle put on the market within six months after the vehicle is put on the market. This information shall identify, as far as it is needed by the dismantling facilities in order to comply with the provisions of this Ordinance, the different vehicle components and materials, and the locations of all hazardous substances in the vehicle, in particular in view of achieving the objectives laid down in § 5.

(3) Without prejudice to commercial and industrial confidentiality, the manufacturers of vehicle components are required to make appropriate information on the dismantling, storage and testing of reusable components to accredited dismantling facilities available upon request."

11. The following § 10 is inserted after § 9:

## "§ 10 Duty to Provide Information

(1) Vehicle manufacturers are required to publish the following information in a suitable manner in cooperation with the respective economic operators:

- 1. Information on the recovery- and recycling-friendly design of vehicles and their components;
- Information on the environmentally sound treatment of end-of-life vehicles, in particular on the removal of all fluids and dismantling;
- Information on the development and optimization of ways to reuse, recycle and recover end-of life vehicles and their components,
- 4. Information on the progress achieved in the area of recovery and recycling towards the goal of reducing the

waste to be disposed of and increasing the recovery and recycling rates.

The respective economic operators are required to make the information pursuant to Numbers 2 to 4 available to the manufacturers.

- (2) The vehicle manufacturers are required to make this information accessible to the prospective buyers of vehicles. It shall be included in the promotional literature for the new vehicle."
- 12. § 6 becomes § 11 and is worded as follows:

#### "§ 11 Violations

- "In the meaning of § 61 Para. 1 No. 5 of the Recycling and Waste Management Act, a person acts in violation of the regulation if he or she wilfully and negligently
- 1. fails to take back an end-of-life vehicle in violation of § 3 Para. 1 Sentence 1;
- 2. fails to take back an end-of-life vehicle in the prescribed manner in violation of § 3 Para. 1 Sentence 2;
- in violation of § 3 Para. 6 Sentence 1, fails to ensure that used parts from motor vehicle repairs are taken back;
- surrenders a vehicle, end-of-life vehicle or stripped vehicle in violation of § 4 Para. 1, 3 Sentence 1 or Para 4 Sentence 1;
- fails to certify the transfer altogether, or fails to certify such transfer correctly, completely and in due time, in violation of § 4 Para. 2 Sentence 1;
- issues a Certificate of Destruction in violation of § 4 Para. 2 Sentence 3;
- contracts an acceptance or collection facility in violation of § 4 Para. 2 Sentence 4;
- treats an end-of-life vehicle in violation of § 5 Para. 2 Sentence 1 in combination with Annex Number 2.1.2 Sentence 1;
- in violation of § 5 Para 2. Sentence 1 in combination with Annex Number 3.2.2.1 Sentence 1, fails to remove a battery, treat a fluid tank, or dismantle, provide for the disposal of or render harmless a component, or if he or she fails to do any of the above in due time;
- 10. in violation of § 5 Para 2. Sentence 1 in combination with Annex Number 3.2.2.1 Sentence 2, fails to remove or remove in due time, or to collect, collect in the stipulated manner or collect in due time, one of the operating fluids or operating substances listed there;

- in violation of § 5 Para 2. Sentence 1 in combination with Annex Number 3.2.3.2 Sentence 1, fails to remove, or remove in due time, the substances, materials or components listed there;
- 12. in violation of § 5 Para 2. Sentence 1 in combination with Annex Number 3.2.3.3 Sentence 1, fails to strip, disassemble or forward for reuse or recycling, or strip disassemble or forward for reuse or recycling in due time, the substances, materials or components listed there, or if he or she fails to document that the respective share has been recycled;
- 13. in violation of § 5 Para 2. Sentence 1 in combination with Annex Number 3.2.4.1 Sentence 6, fails to transfer, or transfer in due time, the materials, components or operating fluids listed there for reuse or recycling;
- accepts or shreds a stripped vehicle in violation of § 5 Para 2. Sentence 1 in combination with Annex Number 4.1.1 Sentence 3;
- 15. in violation of § 5 Para 2. Sentence 1 in combination with Annex Number 4.1.2 Sentence 1, fails to recover/recycle the weight percentage stated there or to document that the respective share has been recycled;
- 16. accepts or treats an end-of-life vehicle or a stripped vehicle in violation of § 5 Para 2. Sentence 2;
- 17. grants certification in violation of § 6;
- fails to present, present correctly, present completely or present in due time, a certification or monitoring certificate in violation of § 7 Para. 1; or
- 19. puts vehicles, materials or components on the market in violation of § 8 Para. 2 Sentence 1."
- 13. The following § 12 is inserted after § 11:

## "§ 12

Transitional Provisions (1) Certifications according to § 5 Para. 3 Sentence 1, which were properly granted at the time of entering into force of the Ordinance, shall continue to be valid until their expiration.

(2) Experts and expert organizations who, based on § 6, no longer possess the required license and whose qualification for the granting of certifications pursuant to § 5 Para. 3 Sentence 1 was legally verified prior to the entry into force of this Ordinance, may continue to grant certifications for a period of two months following the entry into force of the Ordinance. The validity of such certifications shall be limited to a maximum duration of 6 months."

14. The Annex is amended as follows:

a) The title is worded as follows:

"Annex I

Requirements for the acceptance and collection of end-of-life vehicles, the proper and safe recovery and recycling of end-of-life vehicles and stripped vehicles, as well as the proper and safe disposal of the resulting waste"

b) Under Number 2, the words "and collection facilities" are inserted after the words "acceptance facilities".

- c) Number 2.1 is amended as follows:
  - aa) In Number 2.1.1, the words "recovery facility" in Sentence 1 are replaced with the words "dismantling facility", and Sentence 2 is worded as follows: "The cooperation with the dismantling facilities is to be provided for by contracts." Sentence 3 is deleted.
  - bb) In Number 2.1.2, Sentence 1 is worded as follows: "Acceptance facilities are not allowed to treat endof-life vehicles, in particular they may not drain and disassemble them.", and in Sentence 2, the words "recovery facility" are replaced with the words "dismantling facility".
  - cc) In Number 2.1.3, the words "any further legal" are replace with the words "any applicable legal".
- d) Number 2.2.1 is worded as follows:
  - "2.2.1 The overall area provided for acceptance must be divided into a drop-off area, and an area where vehicles await pick-up. This area shall be protected by a mineral oil proof pavement in compliance with the generally accepted technical rules for the requirements under water regulations and shall be drained via at least one (e.g. DIN 1999<sup>2</sup>-compliant) light fluid trap. If the area is roofed, it is not necessary to drain it via a light fluid trap.
- e) Number 2.3 is worded as follows:
  - "2.3 All incoming and outgoing end-of-life vehicles must be recorded in writing in an operating log. Moreover, the following information is to be recorded:

- Copies of the certificates of destruction for all incoming end-of-life vehicles;

- Special occurrences and breakdowns including their causes and corrective action taken;

The operating log must be presented to the supervising motor vehicle guild, the expert or the competent authorities upon request. In addition, the cooperation with the dismantling facilities must be documented through contracts."

- f) The following Number 2.4 is inserted after Number 2.3.2:
  - "2.4 Collection facilities

The requirements of Numbers 2.1 to 2.3 apply accordingly to collection facilities."

- g) In Number 3, the words "recovery facilities" are to be replaced with the words "dismantling facilities", and Number 3.1.1 is amended as follows:
  - aa) In Sentence 1, the words "treatment of end-of-life cars" are replaced by the words "treatment of end-oflife vehicles", and the words "end-of-life cars" by the words "end-of-life vehicles";

<sup>2</sup> Can be obtained from the publishing house Beuth-Verlag GmbH, Berlin

- bb) The sixth bullet is completed as follows: "... that do not contain any fluids.";
- cc) Another bullet is inserted after the sixth bullet, which is worded as follows: "- storage for usable fluidcarrying motor vehicle parts;"
- dd) Under the last bullet, the following words are inserted after the word "compacting": "if compacting measures are carried out.";
- ee) In Sentence 3, the word "treatment" is replaced by the words "pre-treatment", and the words "within the provided drop-off area or" are deleted.
- h) Number 3.1.2 is worded as follows:
  - "3.1.2 Premises
  - 3.1.2.1 The areas provided for drop-off and as storage for incoming vehicles shall be sufficiently large and paved in accordance with the generally accepted technical rules for water management.
  - 3.1.2.2 For the areas provided for pre-treatment, dismantling, storage of fluids and fluid-carrying parts, and compacting, adequate measures shall be taken to ensure that the recoverable waste is not damaged in its nature, and that any endangerment of the environment is excluded. This can be achieved, for example, by enclosing, roofing or compacting in mobile presses with integrated collecting system. If the surfaces of the areas referred to in Sentence 1 are not covered by a roof, they must be protected by mineral oil proof pavement in compliance with the generally accepted technical rules under water regulations, and drained via at least one (e.g. DIN 1999<sup>2</sup> compliant) light fluid trap.
  - 3.1.2.3 The pre-treated end-of-life and stripped vehicles shall be stored in such a way, that no soil and/or water contamination needs to be feared.
  - 3.1.2.4 Batteries shall be stored separately in acidresistant containers or on an acid-resistant surface without drain."
- i.) Number 2.3.1.1 is amended as follows:
  - aa) In Sentence 1, the words "recovery facility" are replaced with the words "dismantling facility", and the words "environmentally relevant legal provisions" with the words "applicable legal provisions in particular for environmental protection and occupational safety".
  - bb) The following Sentence 3 is inserted after Sentence 2:
    "The same applies accordingly for dismantling facilities not requiring approval under emission protection law, which therefore require approval
- j) Number 3.2.1.5 is amended as follows:

under building law."

- aa) Paragraph 1 is worded as follows:
- "The operator is required to maintain a written operating log and to prepare a written operating manual. The requirements for the operating log arise from the documentation obligations under Number 3.3. The operating manual shall contain, in particular, instructions for the treatment and storage of the end-of-life vehicles, as well as work and operating directives."
- bb) Sentence 3 of Paragraph 2 is deleted.
- k) Number 3.2.2.1 is amended as follows:
  - aa) Sentences 1 to 3 are replaced with the following sentences 1 and 2:

"Upon receipt of an end-of-life vehicle, operators of dismantling facilities shall promptly

- remove the batteries;
- handle and dismantle the liquid gas tank adequately according to the manufacturer's instructions; and
- have the pyrotechnical components either dismantled and disposed of according to the manufacturer's instructions by trained technical personnel in authorized facilities, or render them harmless by tripping them while still installed.

Prior to any further treatment, operators of dismantling facilities must remove and collect separately the following operating fluids and operating materials:

- fuel (including liquid gas for vehicle propulsion);
- coolant;
- brake fluid;
- windshield washing fluid;
- refrigerant from air conditioners (CFC, etc.);
- oil filters;
- engine oil, transmission oil, differential oil, hydraulics oil and suspension oil, if the suspension is not dismantled; these oils can be mixed provided that according to the provision of the Waste Oil Ordinance, they can be allocated to collective category 1."
- bb) In Sentence 3, the word "this" is replaced by the reference "Sentence 2".
- cc) In Sentence 4, the word "substances" is replaced by the word "materials".
- dd) The following sentence is inserted after Sentence 4:

"Substances that, according to the General Directive for the Water Management Act on the Classification of

 $<sup>^{2}</sup>$  Can be obtained from the publishing house Beuth-Verlag GmbH, Berlin

Water Polluting Substances in Water Pollution Classes (VwVwS, FOG No. 98a of 29 May 1999) are classified, or should be classified, as water polluting, must be filled into and stored in specifically approved containers and in compliance with the Ordinances decreed by the Länder governing the handling of water polluting substances and specialized facilities (Appendices V- VawS)."

I) In Number 3.2.2.2, Paragraph 1 is worded as follows:

"The pre-treatment according to Number 3.2.2.1 must comply with the state of the art. In particular the draining of the fluids shall lead to all units being drip-free. All openings from which fluids could leak, shall be sealed tight. Compliance with Sentence 3 is not required if the stripped vehicles are stored on a mineral oil proof surface that meets the generally accepted technical rules under water regulations."

m) In Number 3.2.2.3, Sentence 2 is worded as follows:

"When handling flammable fluids, the applicable regulations shall be complied with, such as, for example, the Hazardous Materials Ordinance, the Ordinance on Flammable Fluids, and regulations for the prevention of explosions."

- n) Number 3.2.3 is amended as follows:
  - aa) In Number 3.2.3.1, the word "recycled" is replaced by the word "reused".
  - bb) Number 3.2.3.2 is worded as follows:

"Prior to further treatment, operators of dismantling facilities shall remove the following substances, materials and components because of their hazardous and detrimental nature: - the PCM device according to the manufacturer's recommendations;

- suspensions, if not drained;
- components containing asbestos;
- components containing mercury, such as switches, in as far as practicable;
- components and materials coded in accordance with Annex II of Directive 2000/63/EC of the European Parliament and the Council of 18 September 2000 on end-oflife vehicles (OJ EC No. L 269 P. 34) in the respective applicable version, that were put on the market after 01 July 2003;
- substances not pertaining to motor vehicles.

It is to be ensured that dismantled suspensions, which will not be reused as components, are fully drained prior to the recovery of the metallic parts.

o) Number 3.2.3.3 is worded as follows:

"Prior to transferring the stripped vehicle to a shredding facility or other further treatment facility, operators of dismantling facilities shall strip, disassemble and above all, provide for reuse or recycling, the following components, substances and materials:

- catalytic converters;
- balancing weights;
- aluminium wheel rims;
- front, rear and side windows, as well as sun roofs;
- tires,
- larger plastic components, such as bumpers, hub caps and radiator grilles, if the respective materials will not be separated during or after the shredding process in such a way as to allow for the materials to be recycled;
- metal components containing copper, aluminium and magnesium, if the respective metals will not be separated during or after the shredding process.

Dismantled tires that are to be recycled shall be turned over to specialized disposal facilities that are certified for the recycling of this type of waste."

- p) Number 3.2.4.1 is amended as follows:
  - aa) In Sentence 1, the words "end-of-life car" are replaced with the words "end-of-life vehicle", and the words "reuse und recovery" with the word "reuse";
  - bb) Sentence 6 is worded as follows: "Prior to transferring the stripped vehicle to a shredding facility or other further treatment facility, operators of dismantling facilities shall, at the latest as of 01 January 2006, strip or remove and provide for reuse or recycling, components, materials and operating fluids at an annual average rate corresponding to at least 10 percent of the total empty weight of the accepted end-of-life vehicles, and they shall document that the required share has been recycled."
  - The following Sentences 7 to 10 are added after CC) Sentence 6: "Metallic components and materials, such as stripped vehicles, core scrap, spare parts and fuels, may not be included in the calculation under Sentence 6. Scrap tires and batteries may be included in the calculation under Sentence 6, if they were turned over to a specialized disposal facility certified for the recycling of this type of waste. The obligations under Sentence 6 shall not apply, if proof is provided that the requirements with regard to the annual average recycling rate in relation to the total empty weight of the accepted end-of-life vehicles in accordance with § 5 Para. 1 No. 1 Letter b) were fulfilled in another suitable way. In this case, the proof that the obligations under Sentence 6 have been fulfilled must be furnished jointly by all involved operators and verified by an expert pursuant to § 6."

dd) The following Paragraphs 4 and 5 are added after Sentence 10:
 "For components, standard values or manufacturer data may be used for calculation purposes in accordance with Sentence 6.

The requirements under Sentence 6 may also be fulfilled jointly by several dismantling facilities. In this case, the proof that the obligations under Sentence 6 have been fulfilled must be furnished jointly by all involved operators and verified by an expert pursuant to § 6"

q) Number 3.3.1 is amended as follows:

The words "recovery facility" are replaced by the words "dismantling facility", and the words "components, the" are inserted after the words "other whereabouts of the".

r) Number 3.3.2 is amended as follows:

The words "end-of-life car recycling" are replaced by the words "end-of-life vehicle recycling".

- s) Number 3.3.3 is amended as follows:
  - aa) The first bullet is worded as follows:
    - "- carbon copies of the certificates of destruction, as well as the respective documents pursuant to § 7 Paragraph 1 Sentence 1, in chronological order;"
  - bb) After the third bullet, the following new bullet is inserted:

"- information with regard to the flow of materials from other company sectors, which are disposed of together with the materials from the disposal of end-of-life vehicles;"

- t) Number 4 receives the following subtitle:
  - "4. Requirements for shredding facilities and other further treatment facilities"
- u) Number 4.1.1 is amended as follows:

In Sentence 1, the words "environmentally relevant legal provisions" are replaced by the words "applicable legal provisions, in particular with regard to environmental protection and occupational safety", and the following Sentence 3 is inserted after Sentence 2:

"Operators of shredding facilities may only accept and shred stripped vehicles, if the end-of-life vehicles have been treated at accredited dismantling facilities in accordance with the requirements of Numbers 3.2.2.2 Sentences 1 and 2, 3.2.3.2 and 3.2.3.3 of the Annex."

v) Number 4.1.2 is worded as follows:

"Operators of shredding facilities are required to provide the following annual average weight percentages, in relation to the overall amount of the empty vehicle weight, of the non-metallic portion of the shredding residues:

a) as of 01 January 2006, 5 percent for recovery, and

b) as of 01 January 2015, 5 percent for recycling and another 10 percent for recovery. They are also required to document that the required share has been recovered/recycled. The overall empty vehicle weight is calculated by totalling the empty vehicle weights reported in the certificates of destruction for the individual stripped vehicles that were accepted by a shredding facility during the reference year.

If the light shredding residues are treated in an approved way, the weight percentage of the metals thus separated can be taken into account in the calculation pursuant to Sentence 1, if these metals are recycled.

The requirements under this number can also be fulfilled jointly by several shredding facilities. In this case, the proof that the obligations under Sentence 1 have been fulfilled must be furnished jointly by all involved operators and verified by an expert pursuant to  $\S$  6."

w) Number 4.2.1 is amended as follows:

The words "in writing" are inserted after the words "flow of materials".

- x) The following Number 4.3 is added after Number 4.2.2:
  - 4.3 Requirements with regard to other further treatment facilities

For operators of other further treatment facilities, the requirements under Numbers 4.1 and 4.2 apply accordingly. In addition, the provisions of the license pursuant to § 4 Para. 4 Sentence 2 are to be complied with."

y) Number 5 is amended as follows:

The following Sentence 2 is inserted after Sentence 1:

"The competent authority shall decide, upon request, on the permissibility of deviations in view of granting certification in accordance with § 5 Para. 3."

15. In the Annex, Numbers 2.1.1, 2.1.4, 2.2.2, 2.3.2, 3.2.1.2, 3.2.1.3, 3.2.1.5, 3.2.4.3 and 4.1.2, the words "end-of-life cars" are replaced by the words "end-of-life vehicles".

## Article 3a Amendment of the Transport Licence Ordinance

The Transport Licence Ordinance of 10 September 1996 (FOG I P. 1411, 1997 I P. 2861), last amended by Article 4b of the Ordinance of 25 April 2002 (FOG I P. 1488), is being amended as follows:

§ 1 Para. 2 Sentence 3 is worded is follows:

"The provisions of this Ordinance do not apply for the collection and transport of end-of-life vehicles in connection with the transfer of end-of-life vehicles in accordance with § 4 Para. 1 to 3 of the End-of-Life Vehicle Ordinance in the version published on 21 June 2002 (FOG I P. 2214)."

## Article 3b

## Amendment of the Ordinance on Waste Management Concepts and Waste Balance Sheets

The Ordinance on Waste Management Concepts and Waste Balance Sheets of 13 September 1996 (FOG I P. 1447, 1997 I P. 2862), last amended by Article 4c of the Ordinance of 25 April 2002 (FOG I P. 1488), is being amended as follows:

In Appendix 2 (to § 10), Number 1 of Column 1 is worded as follows:

Column 1	Column 2
<ol> <li>End-of-life vehicles in accordance with § 2 Para.</li> </ol>	
1 No. 2 of the End-of-Life	
Vehicle Ordinance (waste code 16 01 04)	

## Article 4

## Amendment of the Road Traffic Type Approval Law

The Road Traffic Type Approval Law in the version published on 28 September 1988 (FOG I P. 1793), last amended by Article 1 of the Ordinance of 11 December 2001 (FOG I P. 3617), is amended as follows:

1. § 27a is worded as follows:

## "§ 27 a Certificate of Destruction

(1) If a vehicle of the classes  $M_1$  or  $N_1$  in accordance with Annex II A of Council Directive 70/156/EEC of 06 February 1970 on the approximation of the laws of the Member States relating to the type-approval of motor vehicles and their trailers (OJ EC No. L 42 P. 1, No. L 225 S. 34)

- has been turned over to an authorized dismantling facility in accordance with § 4 Para. 1 of the End-of-life Vehicle Ordinance in the version published on 21 June 2002 (FOG I, P. 2214) for recovery/recycling, the owner or title-holder of such vehicle is required to present a Certificate of Destruction as per Model 12 to the registration authorities, in order to have the vehicle permanently retired; or
- is not to be disposed of as waste or remains abroad for the purpose of disposal, the owner or title-holder of such vehicle is required to provide the registration authority with a declaration to this effect, so that the registration authority can permanently retire the vehicle.

The obligations under Sentence 1 apply for the permanent retirement of a vehicle upon request.

(2) The registration authority verifies the correctness and completeness of the information provided in the Certificate of Destruction with regard to the vehicle and the owner/title-holder, and returns the Certificate of Destruction with the respective attestation.

- 2. § 69a Para. 2 Number 12a is worded as follows:
  - "12a. fails to present, or fails to present as prescribed, the proof as per Model 12 in violation of § 27 a Para. 1;"

- 3. In the Annex, the Model 12 and 13 are amended as follows:
  - a) The title is worded as follows:

Model 12 Introductory Remarks (§ 27 a Road Traffic Type Approval Law – StVZO)

Introductory Remarks on the Preparation of the Template "Certificate of Destruction" (Model 12).

b) Number 1 is worded as follows:

1. Overview

1.1 The Certificate of Destruction consists of a set of 4 copies (sheets).The first copy (sheet 1) of pages 1 to 2 of the template contains the following indication above line

"This copy (pink) is for the vehicle owner / titleholder."

Analogously, sheet 2 contains the following indication:

"This copy (antique gold) is for the dismantling facility."

Analogously, sheet 3 contains the following indication:

"This copy (blue) is for the shredding facility."

Analogously, sheet 4 contains the following indication:

"This copy (white) is for the acceptance / collection facility."

- c) Number 1.2 is deleted.
- Number 4.1 is worded as follows after the words "Certificate of Destruction (Model 12)":

"Certificate of Destructi Sheet 1 (copy for the owner)	on (Model 12) pink	100 % yellow and 85 % magenta
Sheet 2 (copy for the recovery facility)	antique gold	100 % yellow and 45 % magenta
Sheet 3 (copy for the shredding facility)	blue	55 % magenta and 100 % cyan

Sheet 4 white (copy for the acceptance / collection facility)

- e) Number 7 is deleted.
- Model 12 (Certificate of Destruction) is amended as follows:
  - aa) In the header area of pages 1 and 2, a nine digit field with the field name "Facility Number" is inserted. Behind the words "Facility Number", the following footnote is inserted: "number assigned by the competent authority in accordance with § 27 Para. 3 of the Ordinance on Waste Recovery and Disposal Records". In the

header area of pages 1 and 2, a ten digit field with the field name "Vehicle License Plate Number" is inserted.

bb) In the double line 1.1 (Last name, First name / Company / Corporation), one line is deleted. In the parentheses, a comma and the words "Date of birth" are inserted following the words "First name". A new line 1.4 is inserted after line 1.3, with the following wording:

"Data on the vehicle owner / title-holder partially or totally unavailable – 1 empty field".

- cc) The former line 2.1 is replaced by a five digit field with the field name "Vehicle Class", an 18 digit field with the field name "Vehicle Make" and an eight digit field with the field name "Vehicle Model". A new line 2.3 is inserted after line 2.2. This line contains a ten digit field with the field name "Date of first registration", a four digit field with the field name "Empty vehicle weight acc. to § 2 no. 23 of the End-of-Life Vehicle Ordinance, as well as a three digit field with the field name "Nationality code". A new line 2.4 is inserted after line 2.3, with the following wording: "Data on the vehicle owner / title-holder partially or totally unavailable 1 empty field".
- dd) In line 3.9, a 10 digit field with the field name "Expiry date of the certificate" is inserted.
- ee) In line 4.9, a 10 digit field with the field name "Expiry date of the certificate" is inserted.
- ff) After line 4.9, a new line 4.10 is inserted with the name "Approval authority responsible for the dismantling facility", a line 4.11 with the field names "Street" and "House no.", as well as a line 4.12 with the field names "Postal code" and "City/town"
- gg) Line 4.10 becomes line 4.13.
- hh) Following Section 4, new Section 5 is inserted. It contains a signature field with date and place field for the last owner, as well as the sentence: "I confirm that I have turned over the motor vehicle to the above referred facility in accordance with § 4 Para. 1 of the End-of-Life Vehicle Ordinance."
- ii) The former Section 5 becomes Section 6.
- jj) In Sections 1 to 6, the words "recovery facility" are replaced by the words "dismantling facility", in Sections 1, 2,3 and 6, the words "acceptance facility" are replaced by the words "acceptance / collection facility" and in Sections 3, 4 and 6, the words "registration office" are replaced by the words "registration authority".
- g) Model 13 (Declaration of Whereabouts) is eliminated.

## Article 5

## Amendment of the Fee Scale for Road Traffic Measures

The Annex (to § 1) of the Fee Scale for Road Traffic Measures of 26 June 1970 (FOG I P. 865, 1298), last amended by Article 2 of the Ordinance of 11. December 2001 (FOG I P. 3617), is being amended as follows:

In Section 2, the words "of a Declaration of Whereabouts or" in fee numbers 224.3 and 224.4 are deleted."

## Article 6

## **Return to the Standardized Ranking of Ordinances**

The parts of the statutory instruments referred to in and amended by Articles 3 to 5, can be amended on the basis of the applicable delegated powers through statutory instruments.

## Article 7

#### New Wording of the End-of-life Vehicle Ordinance

The Federal Ministry for the Environment, Nature Conservation and Nuclear Safety may publish the End-of-life Vehicle Ordinance in the version in effect as of 01 July 2002 in the Federal Official Gazette.

#### Article 8

#### Entry into Force

(1) This Act enters into force on the first day of the calendar month following its promulgation.

(2) Notwithstanding Paragraph 1, Article 3 § 3 Para. 1 Sentence 2 enters into force

- 1. on 01 July 2002 for vehicles put on the market from this date onwards; and
- 2. on 01 January 2007 for vehicles put on the market prior to the date stated in Number 1.

(3) Notwithstanding Paragraph 1, Article 3 § 11, No. 2 enters into force on 01 January 2007.

The above act is herewith being executed. It shall be published in the Federal Official Gazette.

Berlin, 21 June 2002

The Federal President Johannes Rau

The Federal Chancellor Gerhard Schröder

The Federal Minister for the Environment, Nature Conservation and Nuclear Safety Jürgen Trittin

> The Federal Minister for Traffic, Construction and Housing Kurt Bodewig