

Press Release

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Volvo Environmental Milestones

CARE FOR THE ENVIRONMENT.

- 1945 Volvo starts remanufacturing using used car parts
- 1972 Global environmental conference in Stockholm: Volvo raises critical role of the car in society
- 1972 Volvo becomes first automaker to declare commitment at UN Conference on the Environment.
- 1974 Oxidising catalytic converter – forerunner of today's units
- 1976 Three-way catalytic converter with Lambda sensor removes up to 95% of noxious exhaust gases
- 1982 Torslanda plant begins to use waste heat from local oil refinery
- 1987 Torslanda water treatment plant removes 90% of harmful effluents
- 1989 Volvo adopts new, proactive environmental policy
- 1989 Volvo introduces Life-cycle assessment using EPS (Environmental Priority Strategies in product design)
- 1989 Volvo demonstrates technology for alcohol power: the cleanest car ever tested
- 1989 Volvo introduces internal environmental audits
- 1989 Plastic materials in Volvo cars marked to facilitate recycling
- 1991 Volvo shows the first CFC-free (Chlorofluorocarbons) car
- 1991 Paintshop at Torslanda plant is world's cleanest
- 1992 Volvo ECC (Environmental Concept Car) unveiled – a trendsetter for environmental cars of the future
- 1992 Asbestos eliminated from car production
- 1993 CFCs (Chlorofluorocarbons) deleted from the air conditioning systems of all new production Volvo cars
- 1994 ECRIS, a new research facility for environmentally optimised dismantling
- 1995 Volvo Bi-Fuel, the first generation of Volvo's cars built to run on methane gas
- 1995 Introduction of standards to improve dealers' environmental activities
- 1995 Volvo launches Car & Eco Care, a range of car-care products with a low ecological impact
- 1996 Volvo's Dialogue on the environment course provides training for all employees in environmental issues
- 1996 Volvo introduces environmental requirements for suppliers
- 1998 Volvo introduces PremAir® – a radiator coating which can convert harmful ground-level ozone into pure oxygen
- 1998 Volvo Cars is world's first carmaker to introduce EPIs (Environmental Product Information) for cars
- 1999 Introduction of new Interior Air Quality System (IAQS)
- 1999 Tenth award of Volvo Environment Prize
- 2000 ULEV (Ultra Low Emission Vehicle) tailpipe technology available worldwide
- 2001 New generation of Bi-Fuel cars introduced
- 2002 Volvo Adventure – our environmental programme for young people
- 2002 PZEV (Partial Zero Emission Vehicle) engine introduced in California
- 2002 New Volvo Cars designed for 85% recoverability
- 2003 Volvo Cars achieves global ISO 14001 certification
- 2004 Introduction of particulate filters for diesel engines
- 2004 First V8 engine in the world to fulfill ULEV II
- 2004 Volvo 3CC – a sustainable mobility concept for the future
- 2004 First Volvo car under 5 litre/100 km – the S40 1.6D manual
- 2005 Volvo S40/V50 FlexiFuel cars built to run on renewable (E85) ethanol
- 2006 Volvo S80 Clean Zone Interior Package - air quality recommended by the Swedish Asthma and Allergy Association
- 2006 Volvo V70 Multifuel concept car launched - capable to run on 5 fuels: Biomethane, CNG, Hythane, Bioethanol E85 and Petrol
- 2006 Volvo C30 introduced - smallest car ever introduced by Volvo

- 2006 Volvo C30 FFV introduced - and Volvo S40/V50/C30 FlexiFuel introduced at 10 new markets

For more in-depth information on how Volvo is partnering with the environment, read Volvo's Environmental Product Declaration and other related information, which can be accessed on our website:

<http://www.volvocars.com/EPI>

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