

Welcome to the

**EUROMOT -  
Round table experts meeting  
for Stationary Engines  
requirements in the review  
process of the Gothenburg  
Protocol**

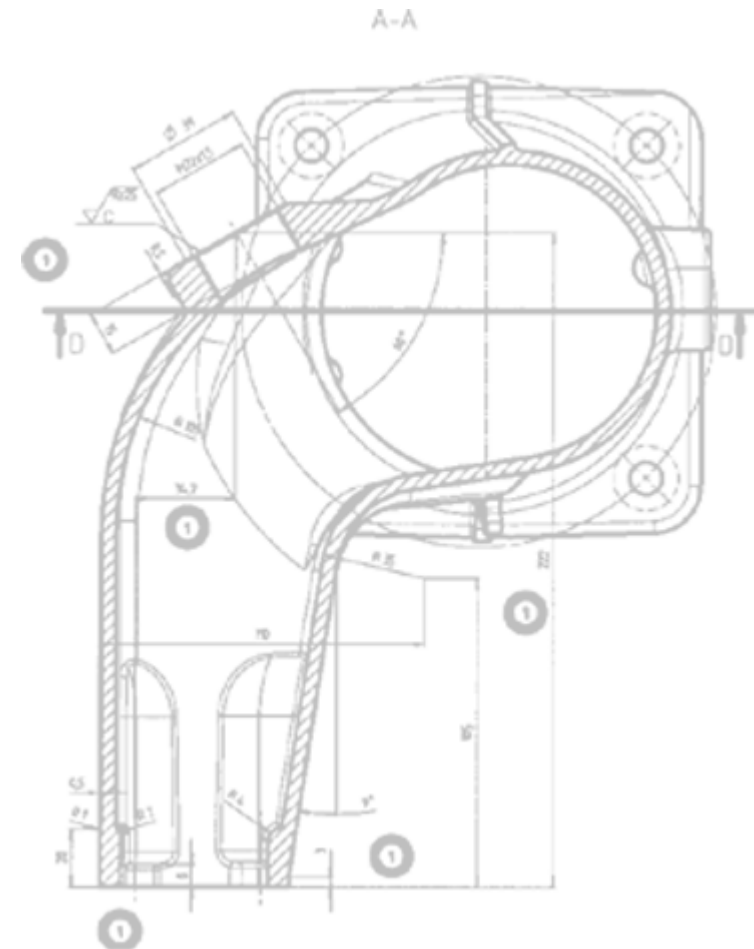
**Frankfurt, 27 February 2008**

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## Who we represent - Our Members

- BRIGGS & STRATTON
- CASE NEW HOLLAND
- CATERPILLAR POWER SYSTEMS (X)
- CUMMINS (X)
- DAIMLERCHRYSLER
- DEUTZ
- DOLMAR
- EMAK
- GE JENBACHER (X)
- GGP (ALPINA)
- HATZ
- HONDA
- HUSQVARNA
- IVECO ENGINES
- JCB POWER SYSTEMS
- JOHN DEERE
- KAWASAKI
- KIORITZ (ECHO)
- KOHLER ENGINES
- KOMATSU
- KOMATSU ZENOAH
- LIEBHERR
- LOMBARDINI
- MAN B&W DIESEL (X)
- MAN NUTZFAHRZEUGE (X)
- McCULLOCH ITALIANA
- MHI EQUIPMENT (X)
- MTU FRIEDRICHSHAFEN (X)
- NAVANTIA
- PEUGEOT CITROËN MOTEURS
- ROBIN
- ROLLS-ROYCE (X)
- SAME DEUTZ-FAHR
- SCANIA
- SEMT PIELSTICK
- SHINDAIWA
- SISU DIESEL
- STIHL
- TECUMSEH EUROPA
- TORO
- VOLKSWAGEN
- VOLVO CONSTRUCTION EQUIPMENT
- VOLVO PENTA
- WACKER CONSTRUCTION EQUIPMENT
- WÄRTSILÄ (X)
- WAUKESHA (X)
- YANMAR INTERNATIONAL EUROPE

## Members that are affected by Gothenburg Protocol

- CATERPILLAR POWER SYSTEMS (X)
- CUMMINS (X)
- GE JENBACHER (X)
- MAN B&W DIESEL (X)
- MAN NUTZFAHRZEUGE (X)
- MHI EQUIPMENT (X)
- MTU FRIEDRICHSHAFEN (X)
- ROLLS-ROYCE (X)
- WÄRTSILÄ (X)
- WAUKESHA (X)

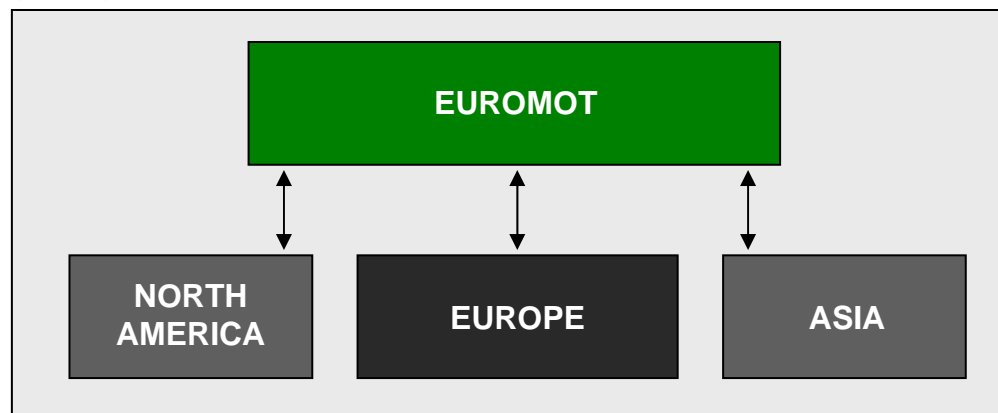
Worldwide turnover 2006: ~ 21200 million €

Employees worldwide 2006: ~ 100.000

## Our Mission

- **to strengthen the competitiveness** of the internal combustion engine
    - ➔ is the most versatile, populous and efficient power source that man has yet developed.
  - **to work at the regulatory level** with
    - **legislators** in Europe and worldwide
    - international **trade associations** of the nonroad and marine industries sector
    - **certification authorities, standardisation bodies** and **engineering companies**
  - **to help to develop internationally harmonised product regulation**
- ➔ **One product design in each engine application category for the global market by harmonised emission legislation**

## Euromot network



uic - cer	cema	icomia - imec
aem	euromot	ema
lema		idema
egmf	cece	ebu

**AEM** equipment manufacturers USA

**CECE** construction machinery

**CEMA** agricultural machinery

**EBU** inland navigation

**EGMF** garden machinery

**EMA** engine manufacturers USA

**ICOMIA/IMEC** boat builders

**IDEMA** engine manufacturers INDIA

**LEMA** land engine manufacturers JAPAN

**UIC/CER** rail traction

## Our Partners - Legislators

### Rulemaking - global alignment as technology driver ...

- European Commission
- United Nations / UNECE
- CCNR – Central Commission for the Navigation on the Rhine
- Japan – MoE, MoC, etc.
- USA
- India
- Russia
- China

## Main aims for today:

- 1. Provide a platform** to discuss requirements of stationary engines within  
→ EGTEI -> WGSR -> EB (all forums of Gothenburg Protocol)
- 2. To discuss the current status of the Protocol** (political – technical conditions)
- 3. To discuss boundary conditions and or options for revised emission limit values (ELV)** for stationary engines in the technical annexes of the Gothenburg Protocol based on technical information