

# ERA Convention 2012

*“Changing Rental”*

## SAFETY AND SUSTAINABILITY COMMITTEE REPORT

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[WWW.ERARENTAL.ORG](http://WWW.ERARENTAL.ORG)

## What is the Committee's role?

- Monitor EU policy developments
- Monitor market developments
- Assess impact on European rental industry
- Provide guidance and support to industry

## Who are the members of the Committee?

- 24 members
- National & trade associations
- Rental companies
- Companies associated with rental
- Pan - European

## External view

- European Commission
- European Parliament
- FIEC – European contractors
- CECE – equipment manufacturers
- CEN – European standards

## Internal view

- Rental companies are not all the same
- ... knowledge of safety issues
- ... understanding of sustainability
- ... legislative pressures
- ... market pressures
- ... willingness and ability to change

# Work programme

- 1° EU issues of interest to the Rental Industry
- 2° Information Sheet on Tier IIIB and Tier IV Engines
- 3° Carbon Footprint of Equipment
- 4° Rental in Green Procurement Policies
- 5° Pushing Green Rental

## EU issues of interest to the rental industry

- A guide listing the main legislation and standards applicable to the rental industry.
- - Construction Equipment
  - Health and Safety of Workers
  - Emissions and Waste Management
  - Provision of services in other Member States
  - Standards applicable to the rental industry
- Available for download on the ERA's website

# Information Sheet on Tier IIIB and Tier IV Engines

- Dates of entry into force – theory and reality
- Explanation on benefits linked to new engines
- Responsibilities of users of such equipment

Stage III B Standards for Nonroad Engines

| Cat.                  | Net Power     | Date    | CO  | HC   | NO <sub>x</sub> | PM    |
|-----------------------|---------------|---------|-----|------|-----------------|-------|
|                       | <i>kW</i>     |         |     |      |                 |       |
| L                     | 130 ≤ P ≤ 560 | 2011.01 | 3.5 | 0.19 | 2.0             | 0.025 |
| M                     | 75 ≤ P < 130  | 2012.01 | 5.0 | 0.19 | 3.3             | 0.025 |
| N                     | 56 ≤ P < 75   | 2012.01 | 5.0 | 0.19 | 3.3             | 0.025 |
| P                     | 37 ≤ P < 56   | 2013.01 | 5.0 | 4.7† |                 | 0.025 |
| † NO <sub>x</sub> +HC |               |         |     |      |                 |       |

Stage IV Standards for Nonroad Engines

| Cat. | Net Power     | Date    | CO  | HC   | NO <sub>x</sub> | PM    |
|------|---------------|---------|-----|------|-----------------|-------|
|      | <i>kW</i>     |         |     |      |                 |       |
| Q    | 130 ≤ P ≤ 560 | 2014.01 | 3.5 | 0.19 | 0.4             | 0.025 |
| R    | 56 ≤ P < 130  | 2014.10 | 5.0 | 0.19 | 0.4             | 0.025 |



# Carbon Footprint of Equipment

- What is the carbon footprint of equipment?
- For what purposes it is used?
- What is the relevance of the carbon footprint for rental companies?
- How is it calculated?
- Difficulties in calculating rental equipment carbon footprint: a wide range of equipment, and the owners do not operate it.
- ERA considering a project to define a methodology
- Project may be launched at the end of 2012 if there is sufficient interest.

## Rental in Green Procurement Policies

- The European Commission is issuing guidelines and many tools for Green Public Procurement. These are addressed to public authorities in EU Member States.
- This creates opportunities for rental, provided public purchasers can be persuaded of the environmental benefits of rental.
- Some cities and local councils have taken steps already and outsource at least part of their equipment needs to rental companies.
- The Committee is working on a leaflet to highlight the environmental benefits of rental with examples of cities that have outsourced their equipment
- Intended to help ERA members to promote these examples in their discussions with local authorities.

# Pushing Green Rental

- Guidance - how to become a greener hire company
- How to help customers become greener
- Using green as a differentiator

# What is the Committee's role?

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**Preparing ERA members for the future.**

**Preparing the future for ERA members.**