



Legislative Workshop

Legislation

Challenge or opportunity?

Overview of EU regulation

– Safety

Design and manufacturing

(machinery, Tractors, EMC, LVD)



Use of the machines

(Health and safety of workers)



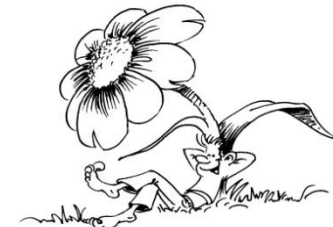
– Environment & Energy

noise, exhaust emission

REACH

Eco-design

.....





Safety: Design and manufacturing

- **Machinery** → List of requirements
2006/42/EC → Risk analysis
→ Standardisation

- **CEM** → Machines shall not disturb the
2004/108/EC environment and shall not be disturbed
→ Standards to develop test codes
and ensure homogeneity of protections



Machines – Directive and Guidelines

FEM took part in the development of the revised directive and EU guidelines

↙ Collective work

- ▲ EU Commission
- ▲ National authorities,
- ▲ Notified bodies
- ▲ Industry → **FEM**



FEM Action

- FEM concerns taken into account both in the directive and in the guidelines. Examples:
 - **fixed guards, lifting of people and risks linked to the mobility**

Challenge: consider how far the requirement can be applied



Benefit: Better understanding of the regulation, in advance...



Regulation - Standardisation

Result of common dialogue between manufacturers, public authorities, safety bodies and, in some cases, users

Harmonised standards (references published in the OJ)

- Give « presumption of conformity »
- Not mandatory



The application of harmonised standards makes it easier for

- ↪ Preparation of the technical file
- ↪ Relations with users of the machines
- ↪ Relations with public authorities and safety bodies.



FEM Actions

- **Definition of a common position prior to standardisation work**
- **Participation in European standard working groups**
 - ↳ Fem members chair some of them (mobile cranes, lift trucks, tower cranes, mobile elevating work platforms....)
- **Participation in machinery group to provide industry input when standards are challenged**

Challenge - Opportunity

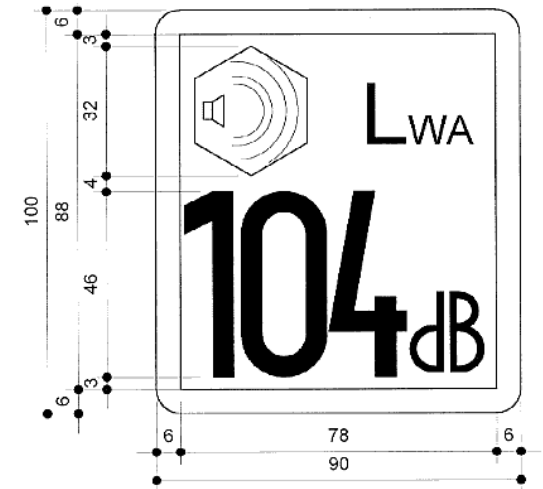
Challenge: standardisation work is time consuming



Opportunity : industry view taken into account. Knowledge of future evolutions

Environment - Noise

- To limit noise pollution
- To reduce neighbour nuisances
- Comfort of operators



Noise emissions are among the most important issues in the design phase



FEM Actions

Member of the working group within EU Commission to develop revision of the directive

Input in the impact assessment to evaluate the intended modifications of the directive

Environment - Exhaust emissions

- To limit air pollution, impact on air quality
- Comfort and health of operators

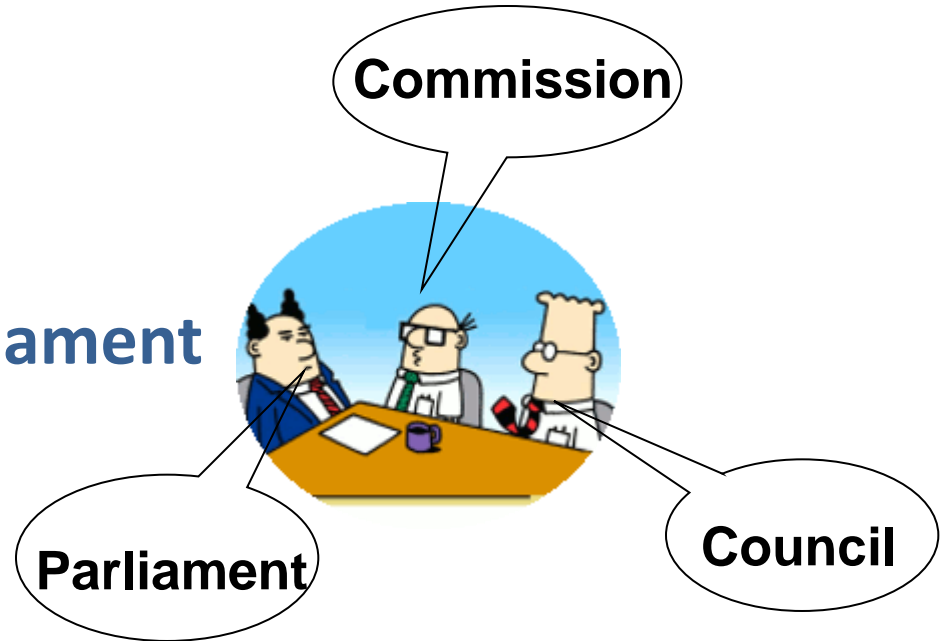


Lead to important modifications of machines with smaller engines, hybrid solutions, electrical solutions.....

FEM actions

In the last years,

- Negotiations with EU Commission, then Parliament and Council to enlarge flexibility



Participation in discussions about revision of the directive

Liaison with other parts of the industry

REACH – Chemicals

- To regulate substances on the EU market
- To control, authorise, ban most dangerous substances
- To encourage / force substitution

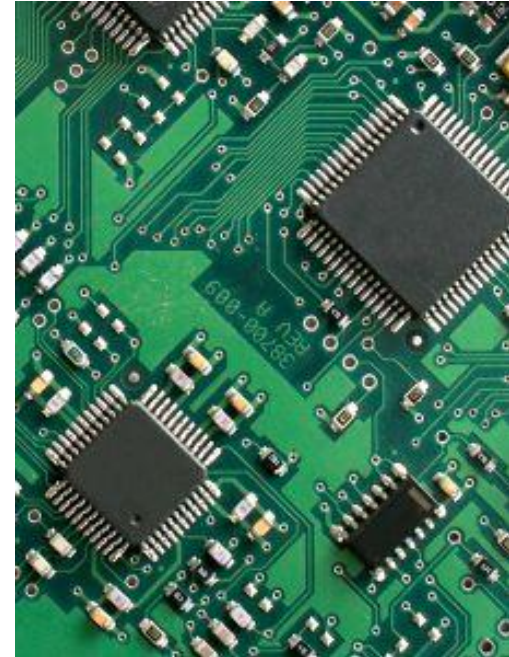


Leads purchase department/manufacturers to check chemical uses, register specific uses...

May lead to concrete challenges e.g. Chromium trioxide on the way for authorisation

WEEE and RoHS

- **WEEE:** regulates waste electrical and electronic equipment
- **RoHS:** restricts the use of certain hazardous substances in electrical and electronic equipment



RoHS scope just revised and extended potentially affecting FEM products

WEEE under revision and potentially affecting FEM products too



FEM Actions

- Follow developments in Chemicals Agency ECHA
- RoHS/WEEE : FEM participated in lobbying actions on revised scopes
(exclusions: Non Road Mobile Machinery, large-scale stationary industrial tools; large-scale fixed installations...)
- FEM still needs to clarify how far their products are affected
- FEM will define position/approach if necessary

Energy efficiency/ Ecodesign



- Sets generic and specific requirements on selected products
- Aims at reducing environmental impact of products – from resource efficiency to recycling
- Extending scope to industrial products and processes



Threat or opportunity?

Regulatory or voluntary?

FEM products/systems in the focus for next measures: take the lead!



FEM Actions

- FEM on track of regulatory developments since inception of Ecodesign directive (and other resource/energy efficiency policy)
- Dialogue with the Commission on Ecodesign directive scope
- Some PGs/ National associations working on setting up their priorities and strategies: essential preparatory phase to set up FEM strategy

Conclusion

Regulation



- Real challenge for the industry to improve equipment constantly
- High impact on R&D budget
 - Tight calendar to comply with new requirements

Gives guidance to improve the quality, safety of the equipment , reduce environmental impact, accelerate the use of new technologies...





Market surveillance

All market players shall apply regulation to ensure fair competition



Market surveillance is the single way to achieve such objective


Member States are the first actors but the industry also has a role to play.





FEM published brochures on industrial trucks and tower cranes



FEM brochures

	FEDERATION EUROPEENNE DE LA MANUTENTION Product Group Industrial Trucks	FEM
	A brief guide for identification of non-compliant industrial trucks - Outdoor Noise -	03.2011 (E)
Index		
1	Introduction	2
2	Scope	2
3	General.....	2
4	Machine marking, Engine power & Guaranteed sound power level	3
4.1	Counterbalanced lift trucks with capacity over 10 ton and Rough terrain trucks.....	3
4.1	Counterbalanced lift trucks with capacity up to and including 10 ton	4
Fédération Européenne de la Manutention (Product Group Industrial Trucks)		

	FEDERATION EUROPEENNE DE LA MANUTENTION Product Group Industrial Trucks	FEM
	A brief guide for identification of non-compliant industrial trucks - Exhaust Emission -	11.2010 (E)
Index		
1	Introduction	2
2	Scope	2
3	General.....	2
4	Engine marking, EC type-approval number	3
5	Exemptions and alternative procedures.....	6
Fédération Européenne de la Manutention (Product Group Industrial Trucks)		

	FEDERATION EUROPEENNE DE LA MANUTENTION Product Group Industrial Trucks	FEM
	A brief guide for identification of non-compliant industrial trucks - marking of machinery, documents, instructions -	02.2011 (E)
Index		
1	Introduction	2
2	Scope	2
3	Marking of the Industrial Truck.....	2
4	Declaration of conformity (DoC).....	4
5	Instructions.....	5
Fédération Européenne de la Manutention (Product Group Industrial Trucks)		

Guides available on FEM website: www.fem-eur.com



**Thank you for
your attention**