

The logo for 'cen' is displayed in white lowercase letters on a dark blue square background. A white curved line sweeps across the bottom of the square.The logo for 'NEN' is displayed in blue uppercase letters. It is overlaid on a faded background image of two people shaking hands.

# Workshop on Regulations, codes and standards

Status of activities on Mandate M/349

O.M. Costenoble  
NEN Energy Resources

---

## Mandate M/349

Feasibility study of international and European, existing and future standardization activities on hydrogen and fuel cells technology

- areas, processes and interfaces where standards can be of support
- availability of stakeholders in EEA
- appropriateness of (new) standardization
- priorities and roadmap of EC contribution to EU standardization



# Mandate M/349

DG Enterprise and Industry  
D. Diamantopoulos / C. Dirscherl

Researchers

 (FR) A. Khemili and G. Boudière

 (NL) H. Pauwels and O. Costenoble

**Awaiting EC agreement**

**Start 15/03/2005, one year program**



# Mandate M/349

NEN



Phase	How
Current standardization technology	Desk research NSB enquiry
Needs for standardization / potential to disseminate deployment of HF/FC technology	(Workshop) Users sectors enquiry Postal enquiry
Areas where standards can be of support	Experts interviews
Availability of stakeholders	Users sectors enquiry Experts interviews Collective Meetings
Appropriateness of formal standards	Users sectors enquiry Experts interviews
Recommendation for further priorities	Analysis & Synthesis
Final report	

# Mandate M/349

The logo for NEN (Netherlands Normalization Institute) is displayed in a bold, blue, sans-serif font. It is positioned in the upper right corner of the slide, partially overlapping a background image of two people shaking hands.

What	Who
NSB enquiry	CEN, CENELEC, ETSI, ISO, IEC, ITU ISO/TC 197, IEC/TC 105
Workshop	Open, in cooperation with IPR/E & EUNETCP <b>Under discussion</b>
User sectors enquiry	Automotive, building/construction, electronics, energy supply, railways, ANEC, ECOS
Collective Meetings	Automotive, building/construction, electronics, energy supply, railways, ANEC, ECOS
EU Experts interviews	JRC, FP5/FP6-project leaders, European industry leaders
Experts interviews international	UN/ECE, Canada, China, Japan, USA, ....

# Mandate M/349



NEN

**Leave your business cards**

User sectors enquiry	Automotive, building/construction, electronics, energy supply, railways, ANEC, ECOS
Collective Meetings	Automotive, building/construction, electronics, energy supply, railways, ANEC, ECOS
EU Experts interviews	JRC, FP5/FP6-project leaders, European industry leaders