



Project Summary

A Coordination Action to Prepare European Hydrogen and Fuel Cell Demonstration Projects

HyLights

Action Line: Alternative motor fuels
Contract Type: Coordination actions
Activity area: Hydrogen for Transport

Coordinator:

Organisation: L-B-Systemtechnik GmbH
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Project details

Reference:	AMF2/019990/2005	Start Date: 01/01/2006
Status:	Execution	End Date: 01/01/2009
Project Cost (€):	3.404.670	Duration (months): 36
Project Funding (€):	3.164.531	

Summary

HyLights is a CA facilitating the planning of HyCOM. Focus is an assessment of concluded/ongoing H2/FC demonstration projects and recommendations for the preparation of HyCOM/Lighthouse Projects LP. Although HyLights's assessment focuses on transport stationary and portable H2 applications will be considered if synergies become apparent.

HyLights will comprise 3 phases of 12 months each. Phase I includes a methodology definition and assesment, Phase II gaps analysis and development of recommendations and Phase III continuous monitoring.

HyLights will need to draw from a network of relevant experts. For this purpose an European Partnership for Hydrogen in Transport EPHT will be established to extend the reach of the European Hydrogen and Fuel Cells Platform HFP. An asset of EPHT will be to include the member states/regions view through a moderation process.

Dissemination of the project results will supplement the activity, coherently presenting the European demonstration projects. To avoid duplicate efforts all HyLights activities will be closely synchronised with the HFP.

HyLights comprises 6 WPs to administer the project, analyse concluded/ongoing demonstration projects, develop methodology and tools, analyse gaps and derive recommendations for HyCOM and prepare legal and financing issues in depth and disseminate the results to European H2 stakeholders and the public. The focused HyLights consortium has a neutral and balanced team of 5 institute and 17 industry partners as initial EPHT nucleus. HyLights's organisation is reflected in the partner structure: WP-level (institutes: facilitation and assesment) and Steering Group level (mainly industry: strategy).

The role of the highly competent industry partners is to prove industry's strong commitment in H2 as a fuel, provide expertise and ensure the access to sensitive data from the demonstration projects...



Partners

1	L-B-Systemtechnik GmbH	DE
2	L'Air Liquide Société Anonyme à Directoire et Conseil de Surveillance	FR
3	Air Products PLC	GB
4	Bayerische Motoren Werke AG	DE
5	BP plc	ZZ
6	CENTRO RICERCHE FIAT Società Consortile per Azioni	IT
7	DaimlerChrysler AG	DE
8	Deutsche Energie-Agentur GmbH	DE
9	Energy Research Centre of the Netherlands	NL
10	EniTecnologie S.p.A.	IT
11	FORD FORSCHUNGSZENTRUM AACHEN GMBH	DE
12	Adam Opel AG	DE
13	KELLEN EUROPE SA	BE
14	Linde AG	DE
15	Norsk Hydro ASA	NO
16	PEUGEOT CITROËN AUTOMOBILES SA	FR
17	REPSOL YPF, S.A.	ES
18	Shell Hydrogen B.V.	NL
19	TOTAL FRANCE	FR
20	Vattenfall Europe AG	DE
21	Volkswagen AG	DE