

# Hydrogen Storage Systems for Automotive Application

## Lecture Handout

**EUROCOURSE  
Train-IN 2006**

**Germany, Ingolstadt  
September 25th-29th, 2006**



PROCHAIN

Integrated Project within  
the EU 6th Framework  
Programme



# Hydrogen Storage Systems for Automotive Application

1	1.2	European Position towards Hydrogen Economy	Dr. U. Schmidtchen
2	1.2	Hydrogen Perspectives in the USA	Karen Hall
3	1.3	The Technological Steps of Hydrogen Introduction	Dr. J. Töpler
4	1.3	EU Funded R&D Activities on Hydrogen and Fuel Cells	J. Martin Bermejo
5	1.4	Requirements and State-of-the-art for Automotive Pressure and Solid Hydrogen Storage	Dr. J. Zieger
6	1.4	Design Aspects of Pressurized Hydrogen Storage Systems	Dr. R. Krueger
7	1.4	Automotive Design Aspects and Requirements	J.-F. Ranjard
8	1.4	Requirements and Design Aspects for Automotive Liquid Hydrogen Storage	M. Stoecklin
9	1.4	Well-to-Wheel Analysis	Dr. J. Wind
10	2.1	Practical H2 Experience	J. Reijerkerk
10.b	2.1	EG Sicherheitsdatenblatt H2 flüssig	J. Reijerkerk
10.c	2.1	EG Sicherheitsdatenblatt H2 vedichtet	J. Reijerkerk
10.d	2.1	Produktdatenblatt CGH2	J. Reijerkerk
10.e	2.1	Produktdatenblatt LH2	J. Reijerkerk
10.f	2.1	Sicherheitshinweise CGH2	J. Reijerkerk
10.g	2.1	Sicherheitshinweise LH2	J. Reijerkerk
11	2.2	Practical H2 Experience (Hyracer, H-Racer)	Prof. Dr. J. Wellnitz, U.Burger, S. Lorenz
12	2.3	Pressure Storage Systems I	Dr. S. Rau, J.S. Colom
13	2.4	Pressure Storage Systems II	Dr. S. Rau, J.S. Colom
14	3.1	Cryo Storage System I	M. Bauer
15	3.1	Cryo Storage System I	Dr. G. Bartlok
16	3.2	Cryo Storage System II	Dr. G. Bartlok
17	3.3	Public Acceptance of Pressure Hydrogen Applications in Transportation	Dr. H. Schnieder
18	4.1	Solid Storage Systems I	UNIFR
19	4.2	Solid Storage Systems II	Dr. M. Fichtner
20	4.2	Solid Storage Systems II	Dr. N. Eigen
21	4.3	General Aspects of Hydrogen Safety in Vehicles	J. Ortenburger
22	4.3	Hydrogen Sensors for On-Board Diagnostics	Dr. P. Castello
23	4.3	Safety Aspects of Storage Cylinders and their Consequences on Regulations	P. Novak
24	4.4	Vision H2-Workshop: How to Design Hydrogen Storage Systems for Future Hydrogen Vehicles	Dr. C. Rüegg, M. Fuchs, S. Lorenz
25	5.2	Comparison of World-Wide H2 Activities and Perspectives	R. Wurster
26		StorHy Project Information	

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## Organizational Notes

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