



ENVIRONMENT PARK

14th Bike Expo Show - Padova Fiere – 18th/19th/20th of January 2008

**PRESS CONFERENCE
OF ISTITUTO D'ARTE APPLICATA & DESIGN TORINO (IAAD)
Padova, 18th of January 2008**

Attending: Laura Milani – IAAD director, Alessandro Battaglino - Environment Park CEO, Andrea Ferraresi - Stile Ducati Motor Co-ordinator.

Moderator: Dario Ballardini – Motosprint journalist.

**Project of scooter design “FORMULA HYSY”
study, planning and realization
of an riding hydrogen scooter**

PARTNERS

- IAAD Transportation design department - Torino (Italy)

- Environment Park - Torino (Italy)

Thanks for the co-operation: I.DE.A Institute - Torino (Italy) for prototypes realization to scale 1: 1

PRELIMINARY REMARKS

Hy Park 2006 review and the Sistema Piemonte Idrogeno showed how the Clean Energy theme has at least exceeded the unproductive initial stage that characterizes very important problems. Numbers do talk: from 8th to 19th of February 2006 more than 15 thousand people and more than 100 hundred journalists came to visit the thematic park and embarked on a journey discovering the potentialities of hydrogen.

We can easily talk of excellence into this field too, thanks to synergy that has been created between academic institutions, research laboratories, territory and its productive activities, Regione Piemonte, local authorities and their citizens.

Technology and suitability linked with design can increase the productive development of our territory that has just in these kind of elements its key points world-wide recognized.

PROJECT DESCRIPTION

The Transportation Design students of IAAD developed a design concept, re-toughing scooters of Envi Park, presented at “Formula HYSY” that was an event of Eco-Efficiency Biennial Biennale held at Turin in June of 2007.

The creative team developed a project conjugating functionality, style and racing mood following a process that was promoting hydrogen as a clean instead of polluting fuels.

Through an already developed research by laboratories about hydrogen technologies, the students, agreeing with the idea of making a dress for a concept, had the possibility to increase their knowledge about low environmental impact mobility system.

Both sides, collaborating, were able to clearly understand which are dynamics from where and into where design moves creating a vehicle.

The final result of the project was represented by 3 working prototypes and in full-scale, whose bodies, aluminium hand-made, were developed by I.DE.A Institute.



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The vehicles with hydrogen fuel cell. Are considered the most available solution to modern mobility problems.

Project supervision by Simon Grand - Transportation design department coordinator

And by Alessandro Graizzaro, HySyLab CEO

Environment Park.

TECHNICAL INFORMATIONS:

- Fuel Cells PEM 700 W
- 400 Ni: hydrogen into the the tank
- H₂ time recharge: 30 minutes
- tank recharge: less than 2 minutes
- autonomy (at maximum power): 2,5 hours
- 1 battery of 6.5 A/h
- electric engine of 500 W
- max speed: 32 km/h

EVENTS

ECO-EFFICIENCY BIENNIAL- Torino 2007, organized by Environmental Park on 10th of June with an outdoor race in front of Torino Esposizioni. At this event participated many well-known citizens of Turin.

AUTOECO – Torino 2007, with an indoor race held on 8th of September at Lingotto Oval and we will see racing along with personalities from political and cultural world, also the designers.

BIKEEXPO – Padova among other interactive events

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