



## **PRESS RELEASE**

### *WORLD PREMIER ON THE AMSTERDAM CANALS* BOAT COMPANY LOVERS INTRODUCES A ZERO-EMISSION CANAL BOAT

**Amsterdam, December 9th, 2009 – Innovative, durable, carbon neutral, that's latest canal boat of Boat Company Lovers. Today, Lovers had a World premier by launching the first zero-emission canal boat in Amsterdams. The boat will be commissioned in spring of 2010. The 'Nemo H2' was especially designed and build to be powered by a fuel cell and does not produce bad smells, noise or CO2. Marijke Vos, councilar for environmental affairs christened the boat today.**

#### **No combustion**

An engine without combustion and without emission? It is possible! A fuel cell engine works in a completely different way than an old fashioned diesel engine. The ship is propelled by electricity generated by the fuel cell. Inside the fuel cell hydrogen and oxygen are mixed to create water and electricity. The electricity is used to power the ships propellers of the [Nemo H2](#) in a silent, clean and sustainable way. The hydrogen that is used to power the boat is produced in a reliable way on the North Sea. The canal boat meets all European regulation for barges.

#### **Typical Amsterdam flagship**

"Amsterdam is a city committed to clean air and sustainable mobility. Thanks to initiatives like this one, the city can position itself even better in this light. The fact that something so closely associated with the city as a canal boat can be a flagship project is fantastic. The city itself stimulates the use of hydrogen and fuel cell technology. The Dutch Hydrogen coalition 'DutchHy' works hard to develop sustainable transportation within the city. A cleaner city is a more beautiful city!" according to an enthusiastic Marijke Vos, councilor for environmental affairs.

#### **Boat Company Lovers**

Boat Company Lovers is one of the largest canal cruise companies in Amsterdam and transports more than half a million tourists in one of her 22 ships. Innovation is one of the pillars of the business. Lovers introduced the Candlelight- and Dinner Cruise as well as the highly successful Hop On Hop Off Museum Line for the first time in the Netherlands. In 2010 Lovers will add another top attraction to its offering: The Floating Dutchman. This amphibious bus picks up transfer passengers from Amsterdam Airport Schiphol, drives to Science Centre Nemo where it splashes into the canals for a canal cruise.

See [www.lovers.nl](http://www.lovers.nl) and [www.lovers.nl/co2zero](http://www.lovers.nl/co2zero).

#### **Fuel Cell Boat B.V.**

The fuel cell boat is the result of an open innovation project, realized by a consortium of five Dutch companies that see hydrogen and the use of fuel cell technology as the future of Dutch shipping. Innovation and a clean environment go hand in hand. Fuel Cell Boat B.V. consists of:

- Alewijnse Marine Systems – Electronic systems in ships - [www.alewijnse.nl](http://www.alewijnse.nl)
- Linde Gas Benelux – Production, storage and distribution of hydrogen - [www.lindegasbenelux.com](http://www.lindegasbenelux.com)
- Rederij Lovers - [www.lovers.nl](http://www.lovers.nl)
- Marine Service Noord – mechanical engineering in ships - [www.marine-service-noord.nl](http://www.marine-service-noord.nl)
- Integral – Coordination, project management and external relations - [www.integral.nl](http://www.integral.nl)

Editors note, not meant for publication

High resolution images of the Nemo H2 and the ceremony can be downloaded via:  
<http://www.lovers.nl/nl/bezoekersinformatie/pers/>

For background information and interview requests please contact:

**USP Marketing PR**

Contact person: Renske Karel

Tel: 0031 (0)20-4232882

Email: [renske@usp.nl](mailto:renske@usp.nl)