Case Study PC 02 Sustainable Mobility - HyFLEET: CUTE in Hamburg, Germany

The Sustainable Energy Europe Campaign began in 2005 and aims to provide the maximum impact on stakeholders and decision makers for a more sustainable policy implementation. The goals set for the campaign 2009-2011 focused on the following topics:

- Stimulate an **increase of private investments** in sustainable energy technologies,
- Increase **public awareness, understanding and support** through the dissemination of best practices,
- Encourage the building of **new alliance between stakeholders** and serve as new ideas and actions platform.

Nine European cities have been selected for the section “Demonstration and Dissemination Projects” within the frame *HyFleet: CUTE project*. These worldwide cities have been awarded in for the implementation of hydrogen infrastructures and fuel cell powered and hydrogen internal combustion engines bus and cars use. The aim of the project is to test both the fuel cell vehicles and the hydrogen infrastructure under a variety of geographical, topographical and operating conditions.

The city of Hamburg is one of the partner cities which have committed themselves to implementing these requirements locally testing the use of hydrogen buses in a city with a large number of passengers and short distances between stops. **Hydrogen is produced by means of certificated green energy.** VATTENFALL and BP energy
companies have created for this purpose a hydrogen production plant for the hydrogen supply to operate the vehicles. Six hy-buses will be operating until summer 2010. Afterwards the city of Hamburg will likely use new hydrogen generation buses – the relevant negotiations with industries are currently in progress.

hySOLUTIONS is the principal partner of the company HOCHBAHN. It is the coordinator partner and, together with HOCHBAHN and the European Commission’s funding providers, is developing the use of fuel cell buses for the public transport.

Source: http://www.hysolutions-hamburg.de/