

001376

David  
Bradley

Citizen  
Comment

A CYGNUS PUBLICATION • \$8.00

# MASS TRANSIT

WWW.MASSTRANSITMAG.COM

VOLUME XXVII, No. 3 MAY 2001

BETTER TRANSIT THROUGH BETTER MANAGEMENT

## First hydrogen fuel cell buses to enter service in Europe

Nine European cities have ordered a total of 30 hydrogen fuel cell (HFC) powered buses for practical trials in passenger service. Mercedes subsidiary EvoBus GmbH is to provide the vehicles in the form of its Citaro low floor buses.

Over a two-year period, both Evobus and the operators will jointly accumulate data and share information relating to the operation of the hydrogen infrastructure. This information will be used for the further development of HFC technology with the aim of producing HFC powered buses for general service.

The participating cities include Amsterdam, Barcelona, Hamburg, London, Luxembourg, Porto, Stockholm, Stuttgart and Reykjavik. All nine operators have applied for public funding from the European Commission for the trial.

## Ballard to supply fuel cells to DaimlerChrysler

Ballard Power Systems announced that it signed an agreement to provide fuel cells for 30 buses to DaimlerChrysler. Ballard will supply the Ballard Mark 900

Series fuel cell power modules for the buses and the fuel cells will be integrated into fuel cell engines by XCELLSIS, a jointly held company



of DaimlerChrysler, Ford Motor Company and Ballard. The fifth-generation fuel cell buses will be delivered to 10 European cities for use in transit service in 2002.

# NO BREATHING IN THE AISLES

## Diesel Exhaust Inside School Buses

### *Principal Authors and Researchers*

Gina M. Solomon, M.D., M.P.H.

Todd R. Campbell, M.F.S., M.P.P.

Gail Ruderman Feuer

Julie Masters

Artineh Samkian

Kavita Ann Paul

### *Contributor*

Jesus Santos Guzman, M.D., M.S.

### *School Bus Monitoring Study Development and Oversight*

The school bus monitoring protocol and study were developed and implemented jointly with Dr. S. Katherine Hammond, Ph.D., of the University of California, Berkeley School of Public Health, with the capable assistance of Amy Kimer and Charles Perrino. We are grateful for their invaluable participation in the development and execution of this monitoring program and study.



FOR A BETTER WORLD

Natural Resources Defense Council  
Coalition for Clean Air

[www.nrdc.org/air/transportation/schoolbuses/sbus11X](http://www.nrdc.org/air/transportation/schoolbuses/sbus11X)

ASP