

Vectura Futura

Tomorrow's environmentally sensitive transport in Västra Hamnen, Malmö

Bo01 City of Tomorrow
European Housing Expo and Exhibition
in Malmö 17th May – 16th September 2001.



City of Malmö

City of Malmö
Environmental Department
SE-205 80

Telephone +46 40 - 34 10 00
Fax +46 40 - 30 41 05
e-mail per.arne.nilsson@malmö.se

www.malmö.se



BO01 CITY OF TOMORROW
EUROPEAN HOUSING EXPO AND EXHIBITION
17 May - 16 September 2001
www.bo01.com

Bo01 - City of Tomorrow
Box 453
SE-211 21 Malmö

Telephone +46 40 - 668 09 00
Fax +46 40 - 668 09 10
e-mail hanna.roberts@bo01.com

www.bo01.com

The key partners in Bo01 are the Swedish Government, City of Malmö, Sydskraft, HSB, Telia och SBAB.
The project is supported by the European Commission.



Four fifths of the world's population will be living in cities within a few decades. Urbanisation generates economic development and well-being, but also leads to problems with water and sewage, traffic, poor energy systems and over consumption of resources. Solving the cities' environmental problems is therefore the key to a sustainable future.

An urban district is under construction in Malmö's Western Harbour which will be the focus of the first European Housing Expo Bo01 – City of Tomorrow between 17th May and 16th September 2001. The theme of the housing expo and district is The City of Tomorrow in the ecologically sustainable information and welfare society. Visitors will be able to participate in a wide range of environmental activities such as study-tours, advice, information, exhibitions, seminars etc.

The aim is for the district to be an internationally leading example of environmental adaptation of a densely built urban environment. It will also be a driving force in Malmö's development towards environmental sustainability.

Vectura Futura - Tomorrow's environmentally sensitive transport in Västra Hamnen, Malmö

Dense development and service

Aimed at reducing residents' need to travel out of the neighbourhood, Västra Hamnen has been planned for dense development with a wide array of services and recreational options.

Bicycle traffic

If the goal of a green traffic system in Västra Hamnen is to be reached, the bicycle traffic system may be the most important building block of all. The network of walking and bicycle paths is being built to a high standard to ensure that it is perceived in all situations as a very attractive choice for short trips.

Public transport

Public transport within the district is a vital component of the green transport system. In order to create the potential to attract many passengers, the bus system will be comprehensive from the outset so that it becomes a logical choice for residents of the area. All bus lines in the area connect to the more important destinations in Malmö. Electric and gas-powered and hybrid vehicles Significant investments are being made in vehicles powered by environmentally sensitive fuels. Public transport vehicles will run on environmentally friendly fuels, with the transport fleet made up of electric and gas-powered and hybrid vehicles. The vehicles used to maintain the area will eventually all be electric-powered.

To ensure that environmentally sensitive vehicles can be easily used, the neighbourhood features a filling station for

natural gas and quick charging of electric vehicles. Slow charging of electric cars will be possible in special parking spaces.

"Green" vehicles will be given priority access to the city district and to parking. The intent is to progress in stages towards all traffic in the city district running on renewable fuels.

Car pooling

Residents of the city district will be invited to join a car pool made up of green vehicles. Studies show that time-share ownership of cars leads to less frequent and better-planned car trips.

Mobility Office

A Mobility Office has been opened in the city district. The Mobility Office gives residents and businesses advice and information about environmentally sensitive transport, and carries out various programmes aimed at changing transport behaviour. IT solutions to reduce the need for transports Road informatics is being used to inform the public and control traffic in the area. Public transport vehicles are let through first at intersections controlled by traffic lights. Bus shelters feature real-time information displays that show when buses will arrive. Residents will also be able to tap the city district's broadband network to look up arrival times for buses and book cars from the car pool from the comfort of their flats.

Opportunities for remote work from home and e-commerce also reduce the residents' needs to travel out of the area.



Transport to and from the Housing Fair

The Housing Fair is expected to attract some 1 million visitors during its four-month existence. Experience from other large trade fairs shows that up to 95% of visitors arrive by car. Transports to the fair generate substantial emissions that are harmful to the environment and to human health. In addition, the flow of visitors will certainly cause traffic jams near Malmö Central Station and in the harbour district. Special measures aimed at reducing the

environmental impact of this traffic are being carried out. People attending the trade fair will be offered a very competitive public transport alternative. There is a park & ride lot on the outskirts of Malmö where visitors can park their cars and continue their trip to the Housing Fair by means of attractive public transport vehicles.

Local investment programme for ecological transformation

The Swedish Government have allocated SEK 250 million in grants to various environmental projects in the area. The money has been used primarily for physical investments. Grants were also awarded to information and public education projects aimed at informing residents how to achieve environmentally sound lifestyles. The area's green transport system was partially funded by the local investment programme for ecological transformation.

