

healthy cities

franklnx

Frank van der Hoeven

a **healthy city** is one
that is continually **creating** and
improving those **physical** and **social**
environments and expanding those
community resources which enable
people to mutually support each other in
performing all the functions of life and
developing to their maximum potential.

World Health Organisation

healthy city issues

Sanitation & wastewater management //
Building standards, thermal comfort, and
indoor air quality // Transportation,
mobility, and physical activity // The
urban heat island effect // Urban food
production

UCL Lancet Commission

1852 london cholera epidemic



2003 Paris heat wave

Tour Montparnasse

Eiffel tower

Paris // 05-08-03 // heavy smog



Paris // 13-08-03 // physician: "> 100 heat deaths"



Paris // 15-08-03 // emergency morgue 70 bodies



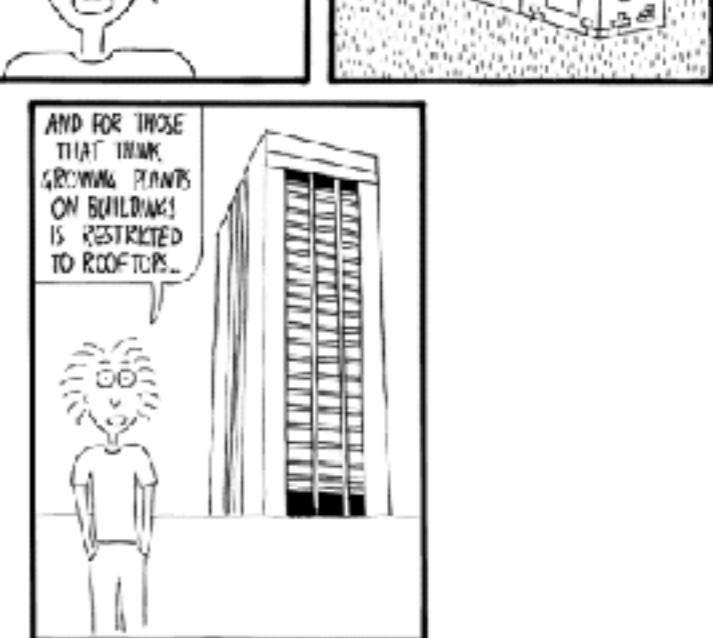
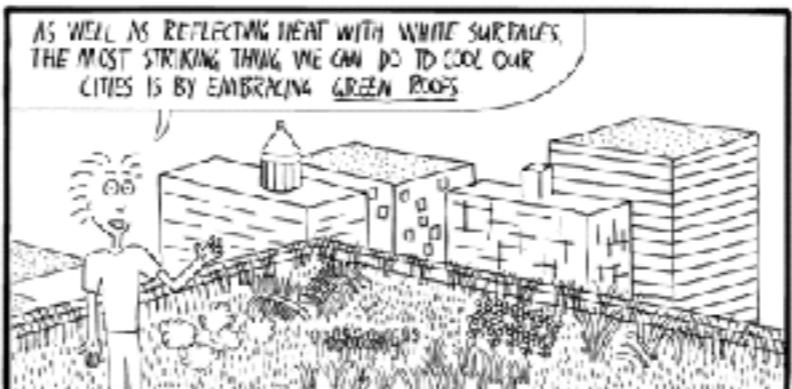
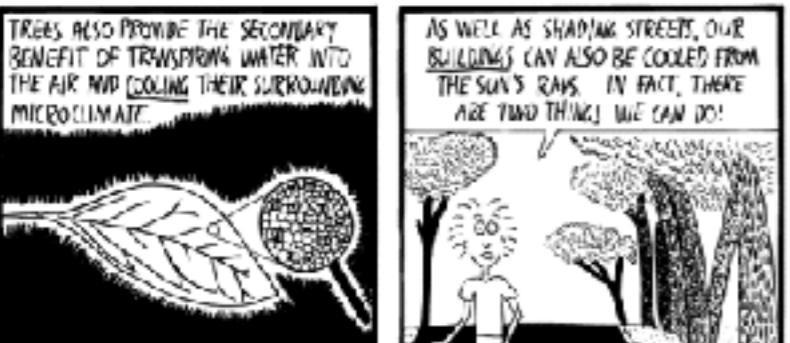
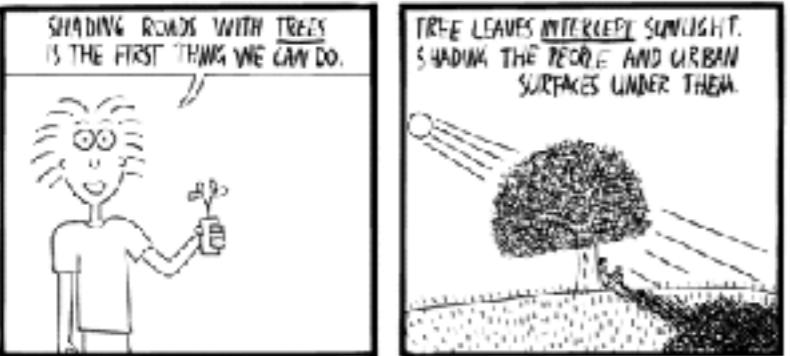
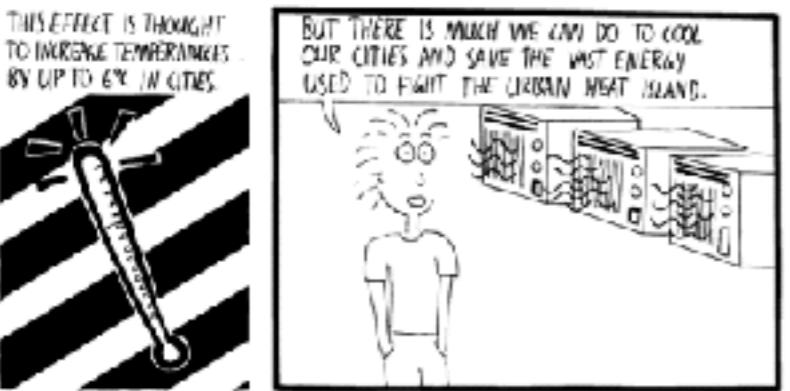
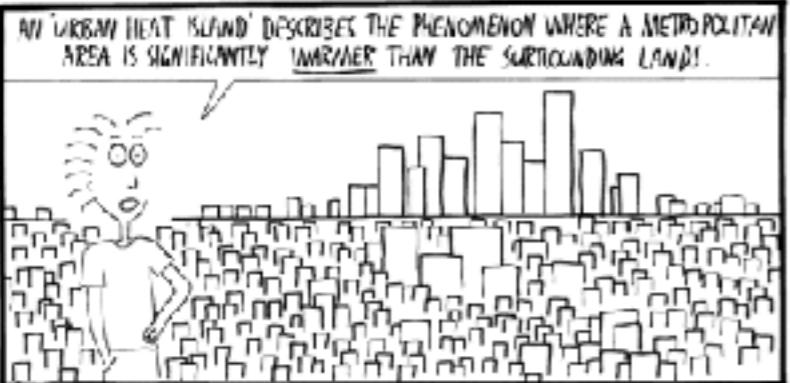
Paris // 20-08-03 // undertakers: “ + 10.800 deaths”



Ivry-sur-Seine // 24-08-03 // refrigerated trucks



This is // 03-09-03 // 57 deaths without relatives



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mick de waart

THE MOBILITY-LIVABILITY REVOLUTION

ENGAGING AUTOMATED VEHICLES TO IMPROVE AMSTERDAM'S CITY CENTER

martijn lugten



kim schotting

MATERIALISATION



SIDEWALK

Light grey concrete tiles will shape the sidewalk. Four sizes of tiles will be placed alternately in a varying pattern.

30 cm x 30 cm
30 cm x 60 cm
30 cm x 90 cm
30 cm x 120 cm



BICYCLE PATH

This lane is built up out of asphalt with a thermoflex coating. The white stripped line will be painted on top of the surface. Colour of the path will be red which is a frequently used colour for this kind of bicycle lane and will instantly recognised as such.



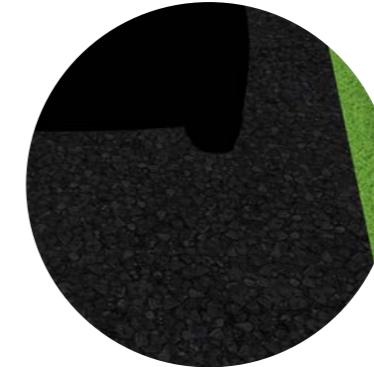
SKATE PATH

To provide a smooth surface for skateboarders and bmx riders shotcrete is applied to the path. This same material will also be used for the areas that serve the users of the path. The material can be easily applied to the location.



RUNNING PATH

Serving the sporting citizens is important while designing this path since this will be the running track. A floor that supports the runner as best to its abilities can be done by using multifunctional sport floors of Unimat. These floors are half hardened and will for runners cause less injuries then other types of flooring. Markings as shown above can be sprayed on top of the surface.



CAR LANE

KonwéCity is a new type of asphalt used within cities that has a long service life and needs barely any maintenance. The material reduces the sound produced by cars for its surroundings. By using this type of asphalt the sound of cars will not be a big burden for the other users of the axis.



METRO LANE

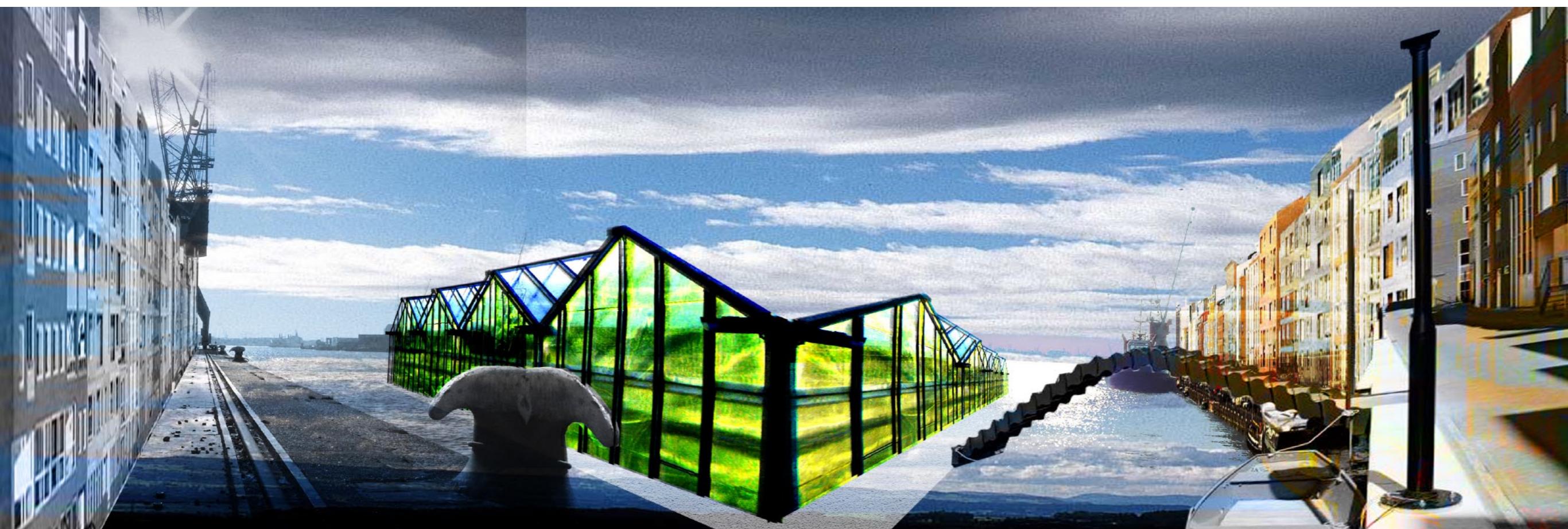
Along side the metro lane there are bushes to reduce the noise from the metro rails and separate the metro lane from the other paths along the Prins Alexanderlaan.



matthijs de deckere



myron freeling



Drijvende kassen als verbindend element in Rotterdam Kashaven.

urban health topics

- a.** Transportation, mobility, and physical activity
- b.** The urban heat island effect
- c.** Urban food production