

## Aspect 2

# Mobility

Europeans are becoming ever more mobile. And the need for mobility continues to increase. However, the transport models that determined the infrastructure in virtually all European cities are out of date. These old structures can no longer cope with the growth and in addition do not provide sufficient quality and comfort. What is the solution? How do we get cities moving again?

Examples include:

**A86 tunnel, Paris** • on the Paris ring road, cars and freight traffic are physically separated.

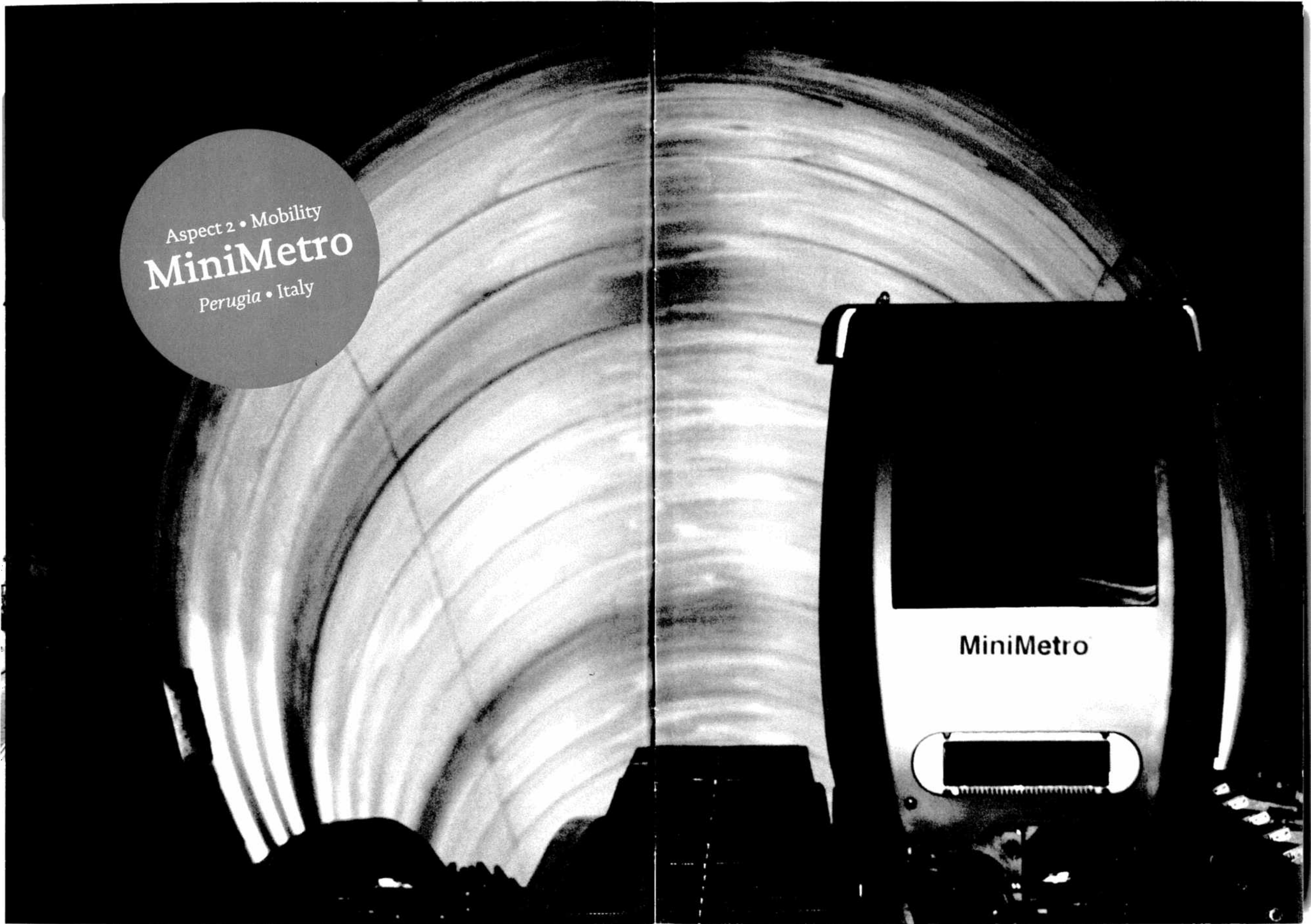
**Light Rail, Karlsruhe** • for years this German city has had a light rail system running on tram tracks and railway lines • *read also Aspect 3.*

➤ **MiniMetro, Perugia** • this Italian city is implementing a transport concept that is a cross between metro and cable car.

**RandstadRail, The Netherlands** • in the west of The Netherlands train, tram and metro have been merged • *read also Aspect 4.*

Aspect 2 • Mobility  
**MiniMetro**  
Perugia • Italy

MiniMetro



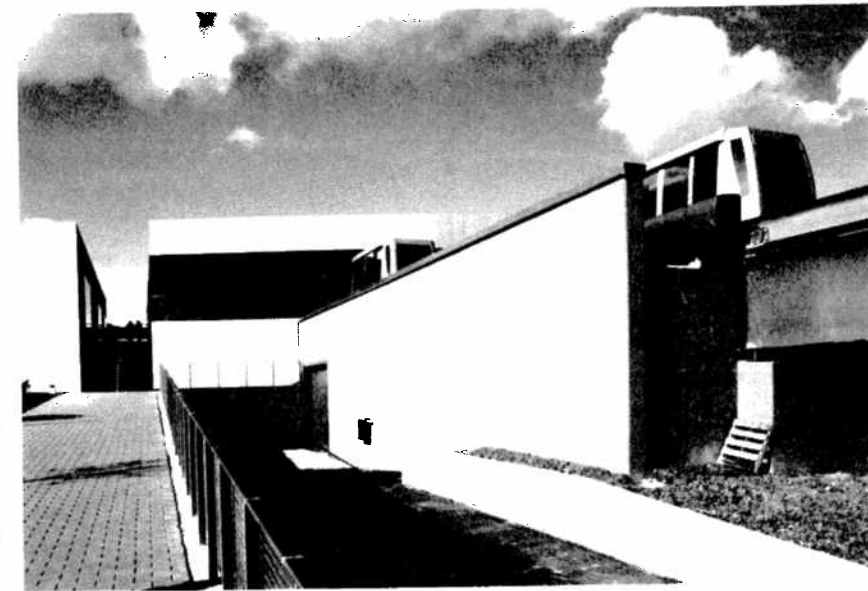


The Italian city of Perugia is implementing a transport concept that is a cross between metro and cable car.

The historical centre of Perugia is on a hill. People who want to get there from the lower outlying districts take the car or bus. But recently a metro has also started running up there as a solution to the environmental and congestion problems of this Italian city.

The new MiniMetro is similar to a cable car. Trains with a capacity of 50 passengers are propelled by a cable at a maximum speed of 25 kilometres per hour. There are virtually no waiting times. The metro calls at the seven different stations with an interval of only 1 minute.

For the 3-kilometre route, a 700-meter tunnel was made in the hill so as to leave the buildings above it intact. A large car-park was built at the start of the line. The French architect Jean Nouvel designed the metro line and the stations, which were opened in early 2008.



### Facts & figures

<b>What</b>	New compact, semi-continuous public transport system for the city centre
<b>Where</b>	Perugia, Italy
<b>Status</b>	In use since early 2008
<b>Mobility</b>	New system can cope with steep gradients and provides continuous transport at stops.
<b>Internet</b>	<a href="http://www.minimetrospa.it">www.minimetrospa.it</a> (in Italian)
<b>Internet search strings</b>	Minimetro spa, Perugia, Leitner, Jean Nouvel