



Generalities

The most well known network of pedestrian tunnels has been developed by the city of Montreal. This underground network has been created to allow inhabitants to circulate in the city during the winter, when temperature can go well below -20°C . This network has grown during the years and it is now a complete "underground city".

Other pedestrian underground facilities in urban development have also been built in Monaco which hosts the largest network of underground elevators in the world.

In Spoleto, Italy, it is envisaged to create an urban mobility system free of motor vehicles and buses through the construction of three vehicle parks -two of these are underground-close to the historical centre of Spoleto and by means of mechanized systems consisting of moving walkways, lifts and escalators.

An important characteristic of these underground infrastructures is their respect to the historical and architectonical context of the city, as they eliminate atmospheric and noise pollution on the surface and provide additional economic value to the historical centre of the city.

Related Cases

- Underground City - Montreal - Canada

To know more

ITA Endorsed papers

- [Toronto's Underground pedestrian system](#)

Related Case

- [Spoletto, Italy a car-free city Alternative mobility for Spoleto, a town open to humans, by W. Bianchi, P. Capaldini, A Dalenz Cultera, G. Macchia & A. Pendenza - ACUUS 2002 - Torino](#)