



ITA
AITES **WTC 2017**

tunnels connecting people



AMSTERDAM

I amsterdam®

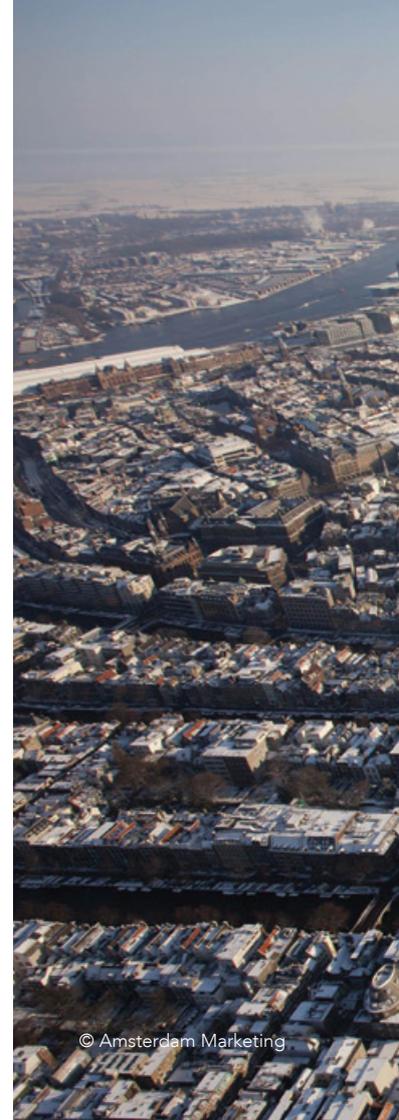
Welcome to Amsterdam

There are of course many great congress destinations. But in **2017 Amsterdam** is perfect for the **ITA-AITES World Tunnel Congress** and **General Assembly**.

In 2017 one of the most challenging tunnelling projects in the Netherlands is completed: the North/South metro line underneath the historical centre of Amsterdam. To **celebrate** this special moment, the Department for Tunnelling and Underground Construction of the Royal Dutch Institute of Engineers **invites** you to Amsterdam for the **ITA-AITES World Tunnel Congress** and **General Assembly** in 2017.

To give you an idea of what we have to **offer** - at the congress and beyond - we have made this small magazine. If you have any questions, don't hesitate to **contact** us at the **WTC 2014** in Brazil or by telephone or e-mail:

0031 85 4862 407 / info@wtc2017.nl





tunnels connecting people

In this magazine

The congress

- Main theme: Tunnels connecting people
- Topic: Healing cities
- Topic: Refurbishment
- Topic: Multi-modal terminals
- Programme highlights

The location

- Venue: Beurs van Berlage
- City: Amsterdam
- Country: The Netherlands

Practical matters

- Accessibility
- Meet us!





**ITA
AITES** **WTC** 2017



AMSTERDAM

tunnels connecting people

The congress: Tunnels connecting people

True, tunnels are exciting but we don't build them just because we like them. We build them for the opportunities they provide. We aim at **tunnels connecting people**. Come and share your knowledge on this theme at the World Tunnel Congress in Amsterdam in 2017.

In the photo:

Project **Spoorzone Delft** includes a new railway tunnel of more than two kilometres with four tracks.





The congress: Healing cities

Tunnels connect people in more than one way. We can go through a tunnel and walk on top of it. By redirecting a highway underground, the **quality of life** above ground is restored. Neighbourhoods are linked once more and runners, cyclists and walkers can enjoy a greenway across the city.

In the photo:

The tunnel in **Maastricht** will consist of two levels. The observational method has been vital for this project. In turn, the tunnel is the key to urban redevelopment.



The congress: Refurbishment

Worldwide many tunnels will celebrate their hundredth birthday in the near future, some have already passed that age. The challenge is to modernise and refurbish them in such a way that they can continue to be **safe and reliable parts of our traffic networks**, during and after the refurbishment.

In the photo:

There is a major renovation project close to Amsterdam. The **Coentunnel** is an immersed tunnel that opened in 1966 and we are currently refurbishing the construction and adjusting the safety installations.





ITY CONNECTING
INSTALLATIONS MATERIALS UPDATE
CONSTRUCTION SAFE CONSTRUCTION
MATERIALS
PEOPLE TRAFFIC CONNECTIN
INSTALLATIONS
RENOVATION TUNNEL TRAFF
RENOVATION MATERIAL
UPDATE
RENOVATION
FURBISHMENT
UPDATE TUNNEL RELIABLE
CONSMATERIALS SAFE
ORBISHMENT RELIABLE
TRAFF
PEOP
CONSTRUCTION



tunnels connecting people

NIQUES
IONS SAFE
RENOVATION
TECHNIQUES MATERIAL
CONSTRUCTION

The congress: Multi-modal terminals

Many disciplines, one object. Or many disciplines and many objects. Simple train stations become multi-modal terminals where all the city's public transport is **combined**. Trains, trams, buses, subways, cyclists, pedestrians,... New underground routes are linked to existing ones, right underneath peoples feet.

In the photo:

Rotterdam Central Station is one of the most important transport hubs in The Netherlands. In 2017 you can use a network of underground connections to get from the station into the city centre.





NETWORKS SUBWAY MULTI-MODAL TERMINALS
PEDESTRIANS CONNECTED INFRASTRUCTURE
CITY CENTRE CITY CENTRE
INTEGRATED HUBS UNDERGROUND TRAIN
SPORT TUNNEL INTEGRATED HUBS
TERMINALS TUNNEL PEDESTRIAN
RAIN TUNNEL PUBLIC TRANSPORT CITY CENTRE
PUBLIC TRANSPORT
LOW PUBLIC TRANSPORT
TUNNEL CITY CENTRE
INFRASTRUCTURE
TERMINALS CONNECT
SUBWAY
INTEGRATED HUBS TRAFFIC FLOW
TRAIN



tunnels connecting people

TUNNEL
STATION
TUNNEL
STATION
TRAIN
SUBWAY
SUBWAY
SUBWAY
STATION
CENTRE MULTI-MODAL TERMINALS STATION

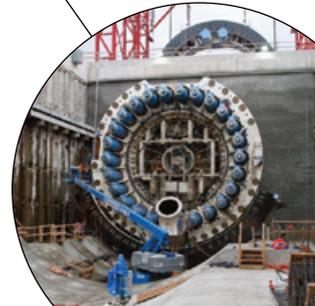
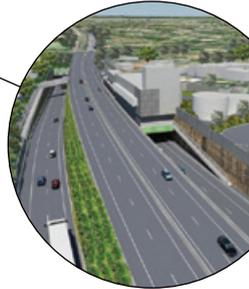
The congress: Programme highlights

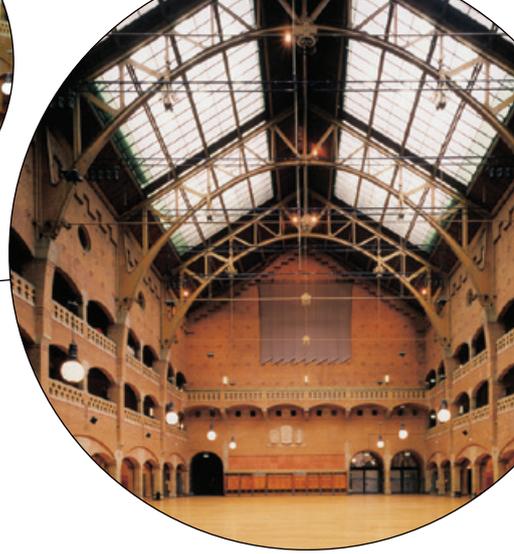


● Technical excursion into the tunnels of the North/South metro line

● Reception at the Rijksmuseum for WTC-visitors and partners

● An ambiance as impressive as your projects





Plenary sessions in the **Great Hall**

Exhibition in the **biggest room** in the centre of Amsterdam

A diverse **partner programme** with sights in close proximity



tunnels connecting people

The location: Beurs van Berlage

On the 27th of May 1903 the Beurs van Berlage was opened by Queen Wilhelmina. The **monument** is regarded as a forerunner of modern architecture. It is only a five-minute walk from Amsterdam's famous canals, now a UNESCO World Heritage Site. And as soon as you leave Amsterdam Central Station, you can see Beurs van Berlage straight ahead, just a three-minute stroll away.



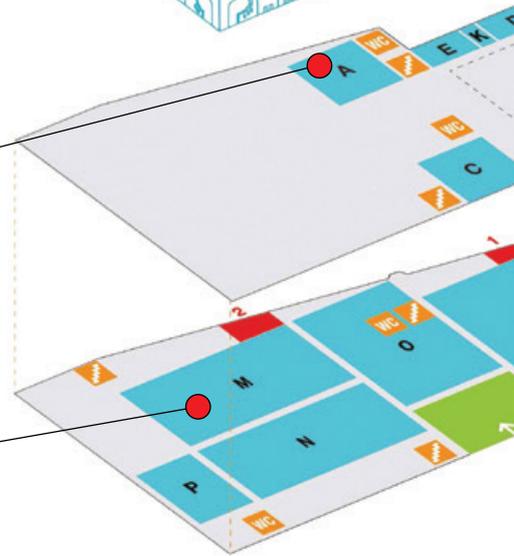
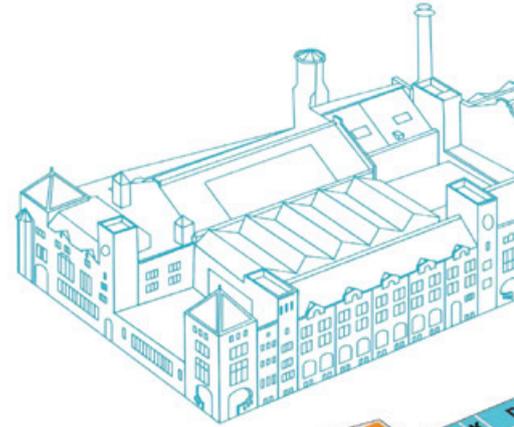


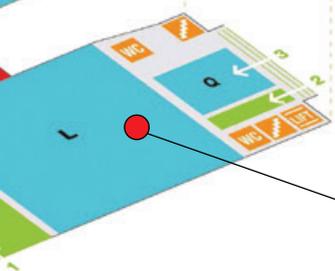
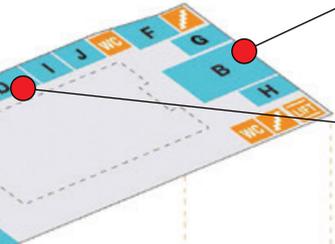
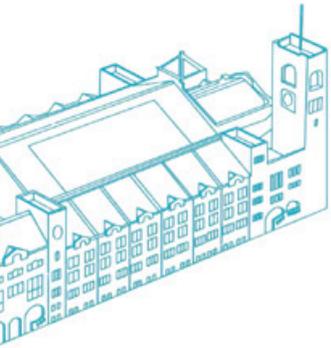
tunnels connecting people

I amsterdam.

The location: Beurs van Berlage

With total floor space of 5,500 square meters and 25 rooms and halls, Beurs van Berlage is one of The Netherlands' most popular event and conference venues. All rooms are equipped with state-of-the-art audio-visual and lighting facilities but you still take in the monumental atmosphere.

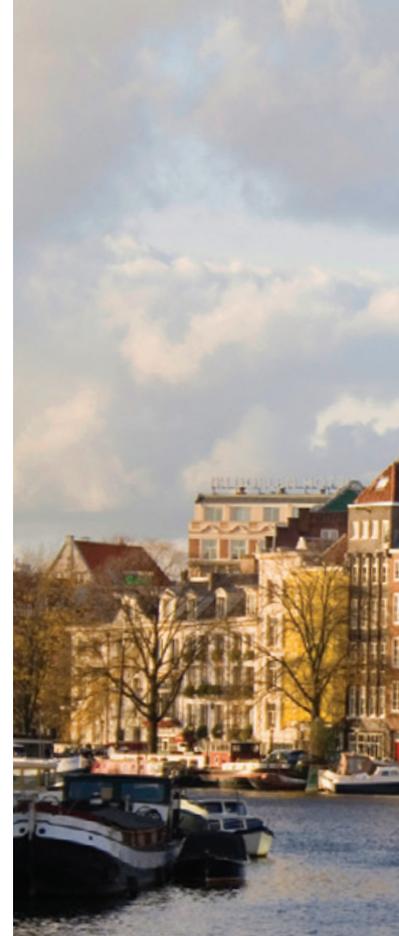




tunnels connecting people

The location: Amsterdam

What makes Amsterdam so popular with visitors from around the world? Is it the **city's character** with its famous canals? Is it its rich history, the theatres and museums? Perhaps it's the cosy outdoor terraces, fabulous shops and the beautiful parks, or the **freedom** that Amsterdam offers? In fact, it's all these things that make Amsterdam such a one-of-a-kind destination.





tunnels connecting people

I amsterdam.

The location: Amsterdam



● inhabitants	811,185
nationalities	178
bicycles	881,000
trees	220,000
bulb flowers in parks and gardens	600,000
parks	40
city trams	216
ferry routes	9
markets	32
shops	6,159
antique shops	165
diamond polishing factories	24
canals	165
bridges in Canal Ring	80
● glass-topped canal boats	112
houseboats	2,500
16th, 17th and 18th century buildings	8,863
● historic gable stones	654
statues and sculptures	302

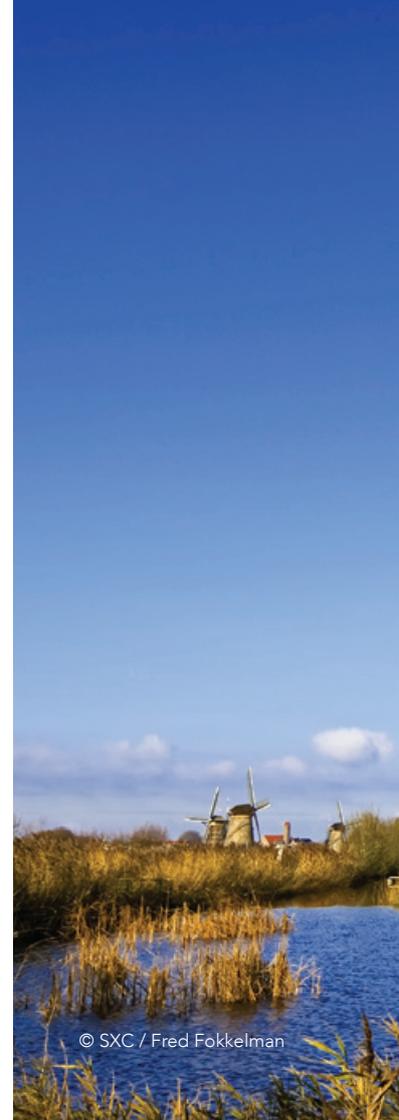
- 8 windmills
- 75 museums
- 141 art galleries
- 22 paintings of Rembrandt
- 1 Night Watch
- 207 paintings by Van Gogh ●
- 140 wax statues at Madame Tussauds
- 900 types of animals at the Artis Zoo
- 42 historical church organs
- 25 concerts and performances per day
- 55 theatres and concert halls
- 1 Royal Concertgebouw Orchestra
- 15 cinemas
- 1,515 cafe's and bars ●
- 16 clubs
- 1,325 restaurants
- 413 hotels ●
- 54,857 hotel beds
- 6 campsites



channels connecting people

The location: The Netherlands

With over 16.5 million people and a population density of 488 people per square kilometre, The Netherlands is the most densely populated country of the European Union. Still, The Netherlands is best-known for its **mills**, bulb fields, dykes and canals. **Water** dominates the Dutch landscape; over a quarter of The Netherlands is under sea level.





The location: The Netherlands

When the World Tunnel Congress 2017 is held in The Netherlands you will visit us in spring: that's perfect timing, since The Netherlands is a **colourful** place to be then. Tour the wonderful flower-bulb fields, visit **Keukenhof** or stroll around one of the flower markets.

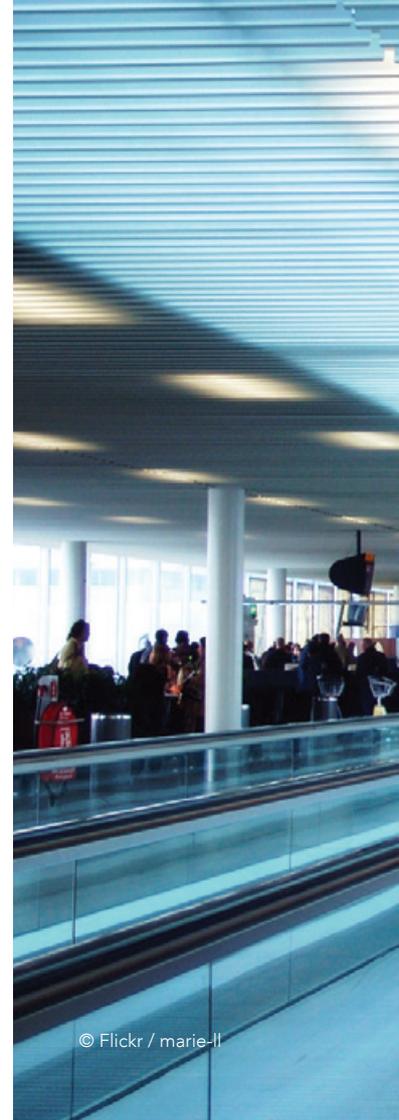




tunnels connecting people

Practical matters: Accessibility

Amsterdam Airport Schiphol ranked as Europe's fourth-largest passenger airport in 2013. There are direct connections to 323 European and intercontinental airports in 98 countries. From the Schiphol, you can travel in 30 minutes to Amsterdam by public transport, taxi or (rental) car. In Amsterdam the **public transport network** is efficient, modern and reliable.





tunnels connecting people

Looking forward to meet you!

Have you met our **team** at the World Tunnel Congress 2014 in Brazil? **Johan Bosch** (photo on the right), professor at the Delft University of Technology, will speak at the General Assembly. He and our other team members are always happy to tell you more about our proposal, the city of Amsterdam and The Netherlands. You can also check the website: www.wtc2017.nl



Edith Boonsma



Hans de Wit



Ellen van Eijk



Jan Jonker



Merten Hinsenveld





I amsterdam®