



**XII PIARC INTERNATIONAL WINTER ROAD CONGRESS  
INTRODUCTION TO THE EVENT**

Riga, 22 Sept 2005

**Content:**

- **General Information**
- **Focus on the Locations**
- **Focus on the Venues**
- **Technical and Social Programs**
- **Exhibition**

## General Information

- **Date :** 27 / 30 March 2006
- **Locations an Venues:**
  - Congress and Static Exhibit –**  
Turin, Lingotto Conference and Exhibition Center
  - Dinamic exhibit and Demo –**  
Sestrierès, specially prepared and equipped area
- **Expectid Participants: 1250 pp.**(750 from Italy, 250 from other UE Country, 250 from abroad)
- **Organising Comitee:** Ministero delle Infrastrutture e dei Trasporti, ANAS S.p.a., Regione Piemonte, Provincia di Torino, Città di Torino, Città di Sestriere, AISCAT.





The Former Edition  
The XI International Winter Congress  
SAPPORO(Japan 2002)  
- the SAPPORO DOME-



Former Edition:  
the **XI International Winter Road Congress**  
**Sapporo (Japan) 28-31 January 2002**

- Venue: **Sapporo Dome**
- N° of participants: 2.285
- from the host Country: 1.717
- from the other Country: 568
- N° of paper presented: 162
- Oral presentations: 120
- Poster session : 42
- N° of Company participants in the Exhibition: 208
- N° of Exhibition visitors: 76.600

**Focus on the Locations  
the Region**



## Focus on the Locations Torino - Introduction

Torino is a city that looks towards the future, confident of its historic legacy of material and cultural resources.

The need to periodically reinvent itself has been Torino's fate and the root of its constantly renewed modernity. First an ancient Roman city, Torino was reborn with Emanuele Filiberto, who in 1563 made it the capital of the Duchy of Savoy. When it was raised to the rank of duchy, it was a town of 20,000 inhabitants. Rapid development soon followed.

Torino in the 18th Century became Europe's first Baroque capital.

The capital of the Kingdom of Italy from 1861 to 1864, Torino's industrial development began in the second half of the 19th century. Industry was the key feature in the city's development throughout the 20th century.

Today, Torino is a centre of finance and industry, international trade but at the same time a city pleasant to live in and one with a unique atmosphere.

Torino has been selected as the seat of the 2006 Winter Olympics

## Focus on the Locations Torino – Travel connections

Torino is served by an ultra-modern airport: **Caselle**, it has a capacity of over three million passengers a year. Intercontinental links are provided by **Malpensa 2000**, one of Europe's largest hubs with its 17 million passengers a year.

Five railway stations, two of them international, guarantee easy access from all of Italy and bordering countries: four pairs of high-speed trains travel between Torino and Paris in little more than five hours.

Six different motorways connect Torino to major European cities: Milan in 60 minutes, Genoa in 90, Nice and Geneva in two and a half hours, Lyon in three hours and Zurich in four.

New projects will further improve road links with Switzerland (completion of the **Sempione** motorway) and France (the new **Mercantour** and **Colle di Tenda** tunnels).

## Focus on the Locations Sestrieres



Created in 1934 under the impetus of the Agnelli family.

Extremely efficient arrangements for creating artificial snow cover.

Host, during the 2006 Olympics, of most of alpine skiing competitions and an Olympic Village .

Sestrieres is less than an hour drive by coach from Turin.

## Focus on the Locations Sestriere



## **Focus on the Venues Lingotto Conference and Exhibition Center**

The Lingotto complex is formed by a Conference Center and an exhibition area connected by roofed galleries. Developed around an imposing building which was one of the first large factories to be erected at the turn of the century, it was converted by the architect Renzo Piano into one of Europe's biggest multi-functional exhibition venues.

## **Focus on the Venues Exhibitions Area at Lingotto**

Leading exhibition centre at European level.

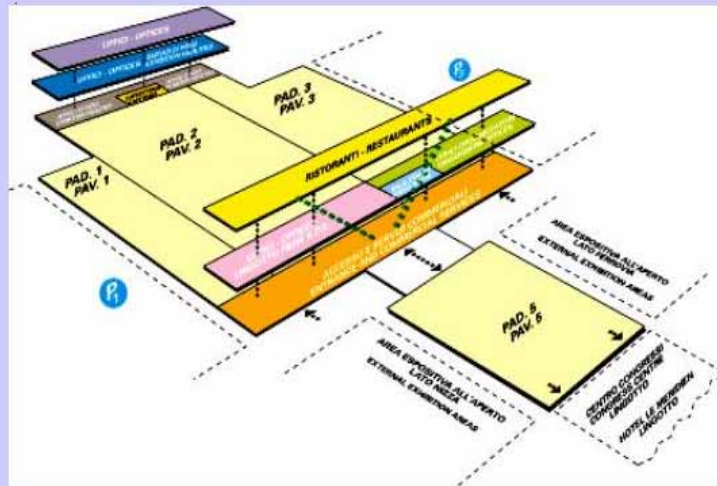
Gross available indoor space is in excess of 50,000 square Metres.

Volume is totalling over 800,000 cubic metres.

The exhibition space is split among four single-level interconnected exhibition halls, situated between two multi-storey galleries housing services and facilities for exhibitors and visitors.

Entrance drives designed to allow even large trucks to access each exhibition area with the greatest ease.

## Focus on the Venues Exhibitions Area at Lingotto – Map



## Focus on the Venues Conference Center at Lingotto

One of the building's great courtyards houses the Auditorium. Its ceiling, stage and seats are mobile and it is fitted with an automatic system to change seat capacity from 2090 to 1901, 1320, 990 or 495 in a matter of minutes.

12 other interconnected and permanently equipped halls covering 22,800 square metres can accommodate 480, 210, 120, 75 and 50 persons respectively, making 3,500 seats in all.

The Conference Centre offers classes logistic and technological support from advanced technology, electronic and audiovisual aids to simultaneous interpretation booths and a complete information system for visitor event monitoring and service.

10 to 25 computerized areas are distributed throughout the hall and side galleries and are equipped with badge printing facilities.





## Scientific Programme

- **Theme 1 : Strategies, level of service and standards**
- User expectations and responsibilities
- Planning and organisation
- Cost reduction and quality management
- Winter maintenance standardisation
- Operational staff training
- **Theme 2 : Performance and financing**
- Contract and assessment systems
- Procurement and performance measurement
- Cost/benefit analysis for snow and ice removal
- **Theme 3 : Safety and mobility in winter social aspect**
- Information for road users.
- Road safety and mobility.
- Risk and crisis management
- Measures taken for pedestrians and people with reduced mobility
- Education of drivers and pedestrians
- **Theme 4 : Environment**
- Effects of de-icing salts agents for use on roads in different conditions
- Abrasives
- Provision for environmental protection
- Use of renewable and recovered energy
- Alternative methods or products.
- **Theme 5 : Winter maintenance management systems**
- Collection and distribution of information: meteorological, road surface and operation conditions
- Integration in to the road management system
- Measurement of skid resista
- Use of automatic vehicle positioning
- Interactive decision support aid systems.
- **Theme 6 : Snow and Ice removal technology**
- Machines and equipment
- Technologies for snow and ice removal
- De-icing salts on roads
- New management of sidewalks
- Protection against snowdrifts.

## Technical visits

- ANAS S.p.A.  
Fog alert project  
Winter maintenance organization for national road in Piemonte
- ATS AUTOSTRADA TORINO SAVONA S.p.A:  
-Winter maintenance managements systems and equipments
- SITAF:  
-Frejus Tunnel Safety and fire- proof equipments
- GRAND ST.BERNARD:  
-Grand St.Bernard Tunnel Safety and fire- proof equipments
- CENTRO RICERCA FIAT:  
- Search and experimental Laboratory
- METROPOLITANA TORINO  
-Underground jobsite