

Andreas HEYM

**Architect-Engineer - Senior Project Director
Director International Development**



Education

Architect-Engineer (Dipl.Ing.)
University of Karlsruhe (TH), Germany, 1984

Professional License

Registered Architect, France, # 29338, 1984

Languages

English, French, German

Experience summary

Andreas HEYM is highly experienced in the creative process of designing public places, public buildings and intermodal transport terminals and their integration in the surroundings. In his design work he has chosen to focus on accessibility, functional layout and the corresponding volumes and structures and, as a result, has acquired particular knowledge of the design and development of complex spaces and urban environments.

Since 2006 he is Director of International Development at AREP Ville, a subsidiary of French National Railways (SNCF) for architecture, urban planning, engineering and design. His main focus is the development of projects for European and Russian clients and partners, while keeping a keen interest in the future of high-speed rail in the Americas.

From 1995 to 2005 he was Head of the Station Services Design Department of the SNCF Architecture Division, and as such in charge of station intermodality master plans, of passenger services design, interior architecture studies and station furniture development, with a particular interest in the design of way-finding and information systems.

Andreas HEYM has participated in all major SNCF station designs since 1987, from the TGV Atlantic, North and Mediterranean lines to the TGV East, as well as in other major French and international projects.

Before joining SNCF and AREP, he worked from 1984 to 1987 in the Paris studio of Israeli environmental sculptor Dani Karavan on large-scale landscape and urban design projects in France, Germany and Israel.

From 1991 to 2008, Andreas HEYM was Secretary of the Watford Group, the international association of railway architects, urban planners and designers.

lanade as part of the project.

Nextstation 2013 Conference
Moscow – Kazanskiy Station
17th – 18th October 2013

Theme (1 to 6) : 4 Design of stations

Title of the lecture:

Development of intermodal transport hubs in a 21st century metropolis – the Greater Paris example

Mobility is one of the major drivers of the development of today's major agglomerations. This mobility is totally multimodal. Inner-agglomeration trips are not made by just one mode but by using several, involving traditional public transport modes like train, metro, tramway or buses. Obviously, the private car, taxis but also all kind of soft modes continue to be present, with the modal share of soft modes increasing. New forms of mobility are emerging like car and bike pools dispatched all over the city offering vehicles which can be rented for a certain time by credit card, through cell phone order or some form of membership or subscription.

In this situation, metropolitan intermodal transport hubs play a key role. They need a particular design as they have to allow fluid, short distance interchange from one mode to the next, with cooperation between transport operators and city administrations being essential to achieve a good result for the user. At the same time, these transit centers attract businesses and services, even housing, as they are becoming new city centers in their own right.

The projected new transport infrastructures of the Greater Paris project generate close to 50 new intermodal stations. In addition, new connections with the airports and with the intercity and high speed rail networks are planned.

French Railways SNCF and its daughter company for architecture and urban planning AREP have been drivers of the development of the overall approach as AREP had been member of one of the 10 teams chosen in 2009 by French President Nicolas Sarkozy to develop the general Greater Paris concept.

AREP, one of the world leaders in station design, with a work force of over 500 people and offices in Paris, Beijing, Hanoi, Moscow and Abu Dhabi, is working now on several of the new intermodal transit hubs and the development of the surrounding urban areas.

The presentation shows the overall concept as well as six selected station designs in the Greater Paris area :

- Le Bourget metropolitan hub and site development

- Les Ardoines interchange and site development
- St Denis Grande Stade/Pleyel metropolitan hub and site development
- RER E regional express train stations Magenta and Hausmann St Lazare and RER E extension to La Defense Central Business District with new station under CNIT building
- Lieusaint-Moissy station with future high-speed rail development

These projects of different size and scale illustrate quite well the current trends and approaches to metropolitan mobility in France.