



Bologna Freight Village

Bologna lies at the heart of an important area of economic production, is crossed by 5 major rail routes and 4 motorways, and is a vital national and European hub for the transport of freight. The city is situated on the North-South line of traffic which carries 35% of goods passing through Italy and 16% of the constantly rising flows of continental traffic.

12 km from the historical centre there is one of **Europe's major freight villages**, an integrated complex of logistics, railway and road infrastructures that is ideally placed to distribute freight nationally and internationally. It covers an area of about 2,000,000 sqm, 350,000 of which are represented by covered warehouses. It has a direct connection to the A13 Bologna-Padua motorway and has 20 km of rail tracks, for a total of over 650,000 sqm of space dedicated to rail transport. The Freight Village can count 100 national and international transport and logistics companies on site, one customs district, a service station with car and lorry cleaning facilities, banks, a post office a bar and a restaurant.

FIGURES 2007

Total freight traffic	4,825,000 tonnes
Total road traffic	2,600,000 tonnes
Total rail traffic	2,225,000 tonnes
Number of trains	6,287
Intermodal terminal	130,000 sqm - 10 tracks
Container terminal	147,000 sqm - 5 tracks
Bulk terminal	51,330 sqm
Containers and swap bodies loaded and unloaded in	125,000 UTI



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The Freight Village development

Plans are in place to **expand the facility by a further 2,270,000 sqm** over the coming years, with up to **1,000,000 sqm of covered warehouses** primarily dedicated to road-to-road and road-to-rail transfer. The optimisation of rail transport is one of the key aspects of the development strategies and involves expanding and implementing both terminals in order to increase the intermodal percentage of freight transport. The projects meet the demands of supporting the territory's productive enterprises by expanding the range and increasing the quality of logistics services. With this in mind, agreements have been signed with some major national ports and all main freight villages in Italy and Europe.

The Freight Village and the environment

With a total investment of 1,315,000 euros and a contribution from the Environment Ministry, the **largest system of photovoltaic panels in the Emilia-Romagna region** has been set up in one of the 25 warehouses of the Freight Village. With over **1,000 solar panels and a power of 200 KWp**, the system will produce approximately **236 MWh per annum**, for a **total saving of 50 tonnes of oil**. This initiative highlights the environmental awareness of the Bologna Freight Village, which obtained the ISO14001 certification. Even though the Bologna Freight Village is technologically highly specialised the managing company never overlooks questions relating to the architecture and the urban planning. In order to improve the quality of life and to achieve greater integration with the surrounding environment, over 30% of the total space is represented by green areas and some of the more visible areas have been completed with works of particular symbolic and artistic value.

European projects

The Bologna Freight Village takes part in numerous European projects connected with the improvement of freight transport management and environmental protection.

BolognaSystem



BRAVO

Has the objective of developing and demonstrating, within the freight transport domain, a strategy that can be applied not only to rail and intermodal transport services (rail-road) along the Brenner axe, but also to all European corridors.

Has the following objectives:

- Freight transport forecasting through 2015 and 2020 between Northern Italy and Southern Germany
- Assessment of existing models of rail transport
- Identification and description of critical points and creation of a simulation model for rail transport that makes full use of existing infrastructures in its current state
- Simulation of estimated flows (2008, 2010, 2015) against the optimisation model and assessment of the impact on the proposed measures
- Development of quality systems and an information system for the services on offer

M-TRADE

Has the objective of assessing the applicability of EGNOS technology to the intermodal freight transport, with particular focus on corridor V.

METIS_GNSS EU-MED

Aims to develop an ICT platform (Information and Communication Technology) based on EGNOS-Galileo positioning services to facilitate transport users that operate along a Mediterranean multi-modal chain.

MEDIGATE (MEDOCC)

Has the objective of underlining the strategic role of freight villages as far as development of the intermodal freight transport. It will be supported by a technological platform aimed to facilitate the flow of information along the supply chain.

PROMIT (new EUTP)

PROMIT's strategic objective is to improve and implement intermodal transport technology and its procedures; PROMIT aims to support the promotion of intermodal logistics and the modal shift of transport by creating methods of information based on innovation, best practices, opportunities for intermodal transport for potential users, politicians and researchers.

MOSES

MOSES aims to contribute to the constitution of European Regulations by developing, testing and assessing innovations concerning organisational, technical and operative features within the Motorway of the sea and along the corridor named "EAST Mediterranean".

MENTORE

In accordance with existing regulations, demands of freight companies and business targets, the project will define the best solutions by means of GALILEO. The results of pilot services will show the social and commercial benefits prior to defining guidelines for the creation of European Directives/Regulations.

Extra European projects

The Bologna Freight Village is a shareholder of Inlog, a company dedicated to developing an Italian industrial/logistics district in Tianjin, China. Other shareholders of Inlog are the freight villages of Bologna, Jesi, Padua, Parma, Rivalta Scrivia and Verona.

Bologna Freight Village

Bologna Interporto S.p.A., the company which builds, develops and manages the Freight Village, was set up in 1971. The company's capital stock is 13,743,928 euros, of which 52% comes from Public Entities. **Bologna is the first Freight Village in Europe to be entirely fibre-optic cabled.** All current and future buildings are connected through a telematic network running on 9 servers, for a total of 7 km of fibre-optic cables. It is the first in the world to be permanently on view through a web-cam pointing at the main entrance.



INTERPORTO BOLOGNA