

Union europäischer Eisenbahn-Ingenieur-Verbände
Union of European Railway Engineer Associations
Union des Associations Européennes des Ing. Ferroviaires



*The European
railroad-engineer-associations
as partners of railway
and economy*

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Introduction

This strategy is a broad outline how to achieve the goals, that the UEEIV has defined with its foundation 1990. The European union has enacted guidelines regarding the restructuring of railways, that have been considered in the strategy of the UEEIV.

TASKS AND GOALS

The UEEIV wants to cooperate, in an independent and neutral manner, with railways and the economy, above all with the track-laying industry, just as with partners in the fields of science, as well as with economic -, infrastructure- and ecological-politics in order to promote quality, capability and competitiveness of the railways.

The strategy of the UEEIV, adapted to technical developments and guidelines of the EC regarding the restructuring of railways (e.g. 91/440/EWR) should help to:

- highlight system-specific advantages of the tracks, especially regarding environment, energy, security, reliability and capability;
- improve the prerequisites for equal opportunities of the railways in the competition with other means of transportation;
- promote the cooperation of the railways with other means of transportation on the street, at the water and in the air, in the technically best way possible, (e.g. with terminals, vehicles, data-processing);
- intensify the interoperability of the railways by means of technical innovation, information-systems, standardization and introduction of norms, and finally
- to achieve the modernization, restructuring and rationalization of the railways while taking under consideration the EC-guidelines, the transportation-market, and the technical standards swiftly, preferably until approximately 2010/2015.

Therefore the activities of the UEEIV may effectively promote and mediate in the following areas:

- ⇒ ***Technology and Interoperability;***
- ⇒ ***Operation and management;***
- ⇒ ***Consulting***



Technology and Interoperability

The following areas and activities respectively are of vital interest to UEEIV:

- Optimisation, best possible maintenance and improvement of the infrastructure;
- Development of modern rail-vehicles for long-distance and local traffic, transportation of people and goods, as well as the efficient maintenance of the vehicles;
- Improvement of the interactions between road- and rail-traffic (usage of track-sparing undercarriages as well as bogies), railroads that minimise the disturbance caused by noise;
- Operation-control and –surveillance technology, as well as efficient security- and information-technology;
- Information systems also for logistics-services in the areas of transportation of people and goods;
- Measure- and diagnostic-systems for railroad-installations and -vehicles (status-information);
- Catenaries- and energy-supply-systems (also for measurement, maintenance and renewal);
- Technologies for the development of the interoperability of the trains.

Operation and management

In this field the strategy of the UEEIV especially focuses on:

- Development of organisation and management of the railways, especially the strengthening of interdisciplinary systems and their acceptance;
- Training of personnel, especially in the areas of interoperability of the sectors of transport of people and goods;
- Development of combined transportation-systems and/or of strategic alliances between the railways in the sectors of transportation of persons and goods (for example Freight-Freeways, Express-Container and Combi-Goods-Transportation, trans-European high-speed-traffic, Locomotive - and/or car-pools for several railways).



Consulting

The respective activities of UEEIV are above all concentrated in consulting as well as participation in feasibility-studies, cost-return-studies, cost-orientated Life-Cycle-Strategies and studies about possibilities of financing and development of norms and new standards.

REALIZATION-CONCEPT

Spread of knowledge and experience

The extensive knowledge and experience regarding technology, operation and management of the railways, existing within the membership of the UEEIV, are spread through:

- Organization of congresses, symposia and seminars;
- Publications in specialist journals and publication of UEEIV-Report;
- Cooperation with universities and research-institutions;
- Support of the contacts between members.



Contacts with the commissions of the EC

The existing contacts between the presidency and some members of the UEEIV to some commissions of the EU are to be intensified as well as new contacts are to be established by:

- Exchange of experience and information;
- Strengthening of the cooperation regarding the tasks and goals of the UEEIV, primarily through a representative of the UEEIV in Brussels;
- Reciprocal participation in events.

Cooperation with all European railways and their organizations

The existing contacts to European railways and their international organizations, like UIC, OSShD, GIVES, AICCFS, UNIFE and UITP are to be used actively and developed further. This task necessitates a close cooperation of the organs of UEEIV with the regional offices and a reinforced activity of the member-associations.

Final statement

This strategy of the UEEIV has the primary goal to promote the modernization, competitiveness and thrift of the European railways with innovations, ideas and stimulations and to intensify the cooperation between the railways, the track-technical industry and science.

In order to reach the goals of this strategic goals of the UEEIV, considerable financial means are necessary that are to be produced predominantly by members and supporting members, whose interest in the activities of the UEEIV has to be achieved through current information, presentations and other events.