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The Project of Developing Educational Programme for Railway Systems and Technologies

TR-05-B-F-PP-178019

http://www.adam-europe.eu/adam/project/view.htm?prj=5905

Projektinformationen

Titel: The Project of Developing Educational Programme for Railway Systems and Technologies

Projektnummer: TR-05-B-F-PP-178019

Jahr: 2005

Projekttyp: Pilotprojekt, Projekt mit Multiplikatorwirkung (2000-2006)

Status: abgeschlossen

Land: TR-Türkei

Marketing Text: Vehicles, railways, systems and technical features used in railway transportation are rapidly improving throughout the world as a result of the developments in information, communication and transportation technologies. Especially the innovations in speedy trains have affected all transportation sectors. On the other hand, international standards for railways and vehicles have come to the fore together with globalization and international railway corridors are currently being planned. Technical and administrative amendments have been rapidly made by the institutions in railway transportation sector. To create a single European Railway system by 2020 has now become a common strategy for European railway sectors. In line with these objectives, the project DEPRAST has produced frame training modules for railway sector in machinery, operation, electric & electronics and construction job families with the aim of contributing to achieve a harmonised training system throughout Europe.

Zusammenfassung: Statistical data show that railway transport in Europe has experienced a worrying decline for almost thirty years now. In addition, rail in Europe is a contrast: a mixture of ancient and modern. It is this that hampers interoperability for railway transport across Europe. Therefore, as is stated in the White Paper by European Commission there is an urgent need to revitalise railway sector throughout Europe and to help change national or regional approach in railway sector even in social matters, to create a Community structure for safety and interoperability. The European Commission believes that railway transportation can be attractive again to customers, providing that it gives them the quality, safety and speed required, building on the European dimension and on a correspondingly transparent, regulatory framework.

The training programme developed with this project responds to the sectoral needs for harmonized and transparent quality of education, which would contribute to the revitalisation of railway and its operability. It developed a comprehensive training programme dealing with the core qualifications to be taught and/or should be thought at secondary schools level to the technicians to be employed in this sector. The basic incentive for the development of the proposed training programme is the provision of a transparent, innovative, integrated and flexible training for railway staff at technician level, which could, we firmly believe, contribute to the realisation of the EU Commission's plan to revitalise the railway and to make it interoperable. In order to gain customers' confidence in railway transport, it is vital not only to update and renew the infrastructure but also to improve the qualifications and competences of the railway staff at all levels, which is the main focus of this project.

The training programme was developed in close cooperation with the partners at European level, each of which is really experienced in and qualified for both railway sector and international cooperation. In addition, a comprehensive survey before the design of the training programme throughout Europe to assess the sector's needs, and later on receiving opinions and critics of the railway sectors and training institutions on the draft training programme developed in the light with the initial surveys guarantee the transparency and validity of the training programme.

Beschreibung: The project aims to develop a training programme on railway systems and technologies, comprising of approximately 1900 hours, focusing on core competences and various branches of railway sector for secondary level vocational and technical schools to train intermediary workforce at technician level. The training programme will respond to the needs of the railway companies, vocational and

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technical training institutions, either formal or informal, and to those who want to those who want to get a job or to improve his/her qualifications.

The proposed training programme will especially be designed for the teachers and students at formal 3- or 4-year secondary vocational and technical schools in the general framework of the ministries of education. It is expected to be of great significance for the affiliated sectors and institutions of the partner countries. Metropolitan municipalities and any organization that uses rails as a means of transportation are among the target groups of the project, including those depending on light rail vehicles, which are highly valued today by many towns and cities in Europe thanks to the economic, environmental and safety aspects of trams. The educational programme will cover the core competences required from the technicians to be employed in railway sectors. Potential users of the project's products are any training institution, whether public or private. Also, unions, federations and regulatory entities might make use of the project's results.

Themen:

Sektoren: *** Erziehung und Unterricht
** Verkehr und Lagerei

Produkt Typen: CD-ROM
Homepage
Programme/Curricula

Produktinformation: DEPRAST has produced an educational programme (frame training modules) to train workforce at technician level for the railway sector depending on the results of the sectoral survey carried out at European level. The educational programme aimed to develop an innovative curriculum for secondary level vocational and technical schools in Europe and was based on 3 -to 4-year vocational schools. It approximately covers 1900-hour training process, including specialisation in four job families in railway transportation namely, machinery, operation, electric & electronics and construction as well as common compulsory modules for all job families.

Projektwebseite: www.deprast.net

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Land/Region: Bratislavsky Kraj
Land: SK-Slowakei
Organisationstyp: Öffentliche Einrichtung
Homepage: http://www.siov.sk

Partner 3

Name: UIC (International Union of Railways)
Stadt: Paris
Land/Region: Ile De France
Land: FR-Frankreich
Organisationstyp: National Agency
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