



CHAIR FOR INTERMODAL TRANSPORT AND LOGISTICS, FACULTY OF TECHNICAL SCIENCES, UNIVERSITY OF NOVI SAD



WHO WE ARE:

The Faculty of Technical Sciences was founded in 1960 as the Faculty of Mechanical Engineering with 7 professors, 10 assistants and 170 students on about 1000 square meters of space. With the establishment of two new departments, those of Electrical engineering and Civil engineering, the faculty changed its name in 1974 into Faculty of Technical Sciences. Today, the faculty boasts 10 fundamental technical professions and is involved in three equally developed areas of activity: education, scientific and research work and transfer of scientific results into practice.

Educational activity is conducted on the undergraduate level, graduate (master's) level, master's MBA studies, specialisation studies and doctoral studies for 69 educational profiles.

Scientific and research work in the past year covered 105 projects, financed by the Republic of Serbia, Ministry of Science and Environment Protection, 23 projects financed by the Province of Vojvodina, Secretariat for Science and Technological Development as well as 53 international projects.

The Faculty is organised into 13 departments, 39 chairs, 6 administrative units, 15 scientific centers and 41 small enterprises.

With its 11,000 students and 850 employees, covering the area of over 30,000 square meters divided into 7 buildings, the faculty ranks among the largest and most developed faculties in the region.

One of the 13 departments is the Department of Traffic Engineering, which celebrated an important anniversary last year as it was founded 25 years ago. Up until now, it has had 625 graduates and 28 candidates have obtained Master's and Doctoral degrees. The present enrolment is 950 students. The department consists of three chairs, each of which represents a small R&D unit:

- Chair of Traffic Systems;
- Chair of Technology of Transportation Systems;
- Chair of Intermodal Transport and Logistics;

Major fields of study at the department are:

- Road traffic;
- Water traffic;
- Rail traffic;
- Postal traffic and telecommunications.

The Chair for Intermodal Transport and Logistics is a teaching and research unit with long standing expertise in transport and logistics. The Chair carries out research, consultancy and teaching activities in the fields of logistics, distribution and freight transport.

It has been involved in numerous national research and industry projects, mostly, but not only concerned with logistics issues in the oil industry.

COLLABORATION INTERESTS:

The Chair for Intermodal Transport and Logistics is interested in being involved in SST FP7 projects and in other international projects as well. It could provide know-how as a partner with expertise in Western Balkan countries. Specifically, the Chair is interested in being a research partner.

AREAS FOR R&D COLLABORATION:

The Chair is interested in collaborating in the research areas of:

- Intermodal Freight Transport;
- Freight Transport Planning;
- Logistics Management;
- Logistics Benchmarking;
- Freight Transport and SMEs;
- Efficient Surface Transport;
- City Logistics;
- Supply Chain Management;
- International Logistics;

WHAT MAKES US A GOOD PARTNER?

In the last two decades, the Chair for Intermodal Transport and Logistics has performed numerous research and development projects and studies, mostly financially supported by the Ministry of Science, but also upon the request of firms/organisations and individuals from industrial and non-industrial sectors. The long-term experience of the Chair covers both engineering and consulting services in the field of logistics and freight transport within all modes, including multimodal transport as well as in implementation of scientific results in the praxis. The keywords of our expertise include: Freight Transport, Intermodal; Benchmarking; Shipping; Management, Developing Countries, Transport Technologies.

EU PROJECTS:

INTERIM – Integration of EU Neighborhood countries in the Transport chains of the EU intermodal Railway and Inland (and coastal) waterways Modes, INTERREG project, 2006 - 2008.

OTHER PROJECTS:

The most relevant projects, financially supported by the Ministry of Science and Technological Development, Republic of Serbia are the following:

1. Logistics processes optimisation in oil company NIS, Republic Program, Technological Development (TOP-



- DOWN), 2005-2007.
2. Design and development of optimal logistics technologies for management, control and realisation of derivative flows, Republic Program, Technological Development, 2005-2008.
 3. Development and implementation of a system for controlling the energy efficiency in traffic, Republic Program, Energy Efficiency, 2006-2009.
 4. Development and implementation of optimisation methods in supply chains design in Serbian automotive industry, Republic Program, Technological Development, 2008-2010.



OTHER INFORMATION:

Name of the organisation: Chair for Intermodal Transport and Logistics

Organisation type: Faculty

Number of researchers: 6

Working languages: English, Serbian

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