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ECoL – Emerging Concepts of Logistics

About ECoL – Emerging Concepts of Logistics

Through ECoL, the groundbreaking collaboration of several European research projects is made accessible to a wider audience and to extended expert groups. Additionally, content and structural perspectives of the cooperation are defined within the modern and interdisciplinary research field of logistics.

The aim of ECoL is to heighten the international visibility of Germany and Turkey as sites of innovation, especially with actors from the scientific community, with companies strong in research and with R&D investors from both countries. A special focus lies on encouraging ideas, research perspectives and the exchange of young academics.

Considering that innovations in the interdisciplinary and service-oriented field of logistics (i.e. production management, transport management, e-commerce, and new concepts in circular economy) are per se knowledge-intensive, research plays an important part for societal and economic progress as well.

- **Network formation and expansion:** A network for key issues for the future in logistics will be developed from existing collaboration structures. The workshop will facilitate the exchange between Turkish and German students from different stakeholder groups (science, industry and public sector) and with mutual international partners.
- **Institutionalisation:** The fostering and expansion of scientific Turkish-German cooperation and the increase of bilateral achievements in research and development as well as the establishment of a Turkish-German research centre. Consolidation of joint research, inclusion in academic education, intensification of visible transfer into practice and recommendations for political frameworks.
- **Introduction of a Summer School** on the basis of existing scientific cooperation between Koç University and the University of Duisburg-Essen as well as an extended network of renowned research institutions and universities.
- **Establishment of the scientifically accentuated brand** “**Emerging Concepts of Logistics**” (ECoL) with a Turkish-German core within a European and international setting of scientific, economic and policy-driven communities. Emphasis lies on the interdisciplinary character of logistics in socio-economic systems and its international definition as a key area of innovation.

Partners

Koç University, Koç-IBM Supply Chain Research Center, Department of Industrial Engineering

On the Turkish side, Koç University provides an extensive, internationally visible working focus on solutions for urban areas from logistics in research, teaching and transfer.

At Koç University, the different departments are closely linked, which is especially true for the Department of Industrial Engineering, working on the development of systemic approaches, and to Koç-IBM Supply Chain Research Center for their application

University of Duisburg-Essen, Centre for Logistics & Traffic, Department for Transport Systems and Logistics

On the German side, as a cross-faculty institution the Centre for Logistics & Traffic (ZLV) at the University of Duisburg-Essen contributes expert knowledge from the cooperation with Germany's first top-level cluster for Logistics (EffizienzCluster LogistikRuhr; with roughly € 116 Mio. the largest research project in North Rhine-Westphalia).