

# Freight transportation and logistics (Transportation)

**Many different factors have an impact on the effectiveness of rail and road-based freight transportation, including infrastructure, operational concepts, public policies, and spatial planning. With tailor-made operational concepts, and site-selection and capacity expertise, we establish the prerequisites for successful freight transportation and, by extension, for logistics chains.**

High-performance transshipment terminals and innovative operational concepts are essential for efficient freight transportation. Capacity shortages have an impact on transportation planning. The needs of those who rely on freight-transportation infrastructure must be taken account of at an early stage during project planning and implementation phases.

## **Comprehensive conceptual and strategic consulting**

We support our clients when it comes to developing strategies, concepts and planning:

- Strategies for establishing new logistics centers and transshipment terminals
- Current-state analyses and comparison of site alternatives
- Securing of freight supply in urban settings, for instance, with special urban-logistics approaches
- Drafting of facility layouts, securing of access to transport networks, dimensioning, and planning for transshipment terminals, especially for combined transport
- Calculation of infrastructure capacities
- Ascertaining the impact of large sites with logistics and freight-transport functions on road transportation networks
- Ascertaining the need for transshipment terminals while taking account of cost structures for rail and road-based freight transportation, as well as the potential impact on regional economies
- Drafting of innovative operational concepts
- Analyses of terminal accessibility

## **Interdisciplinary project teams**

Thanks to our strategically-staffed, interdisciplinary project teams, we offer our clients optimal support when facing technical, economic, ecological, and societal issues. Our extensive experience is based on numerous local, regional, national, and international projects.



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