

Impact of HSR on Land Use

Webinar on “Land Use-Transport Interactions of High-Speed Rail”

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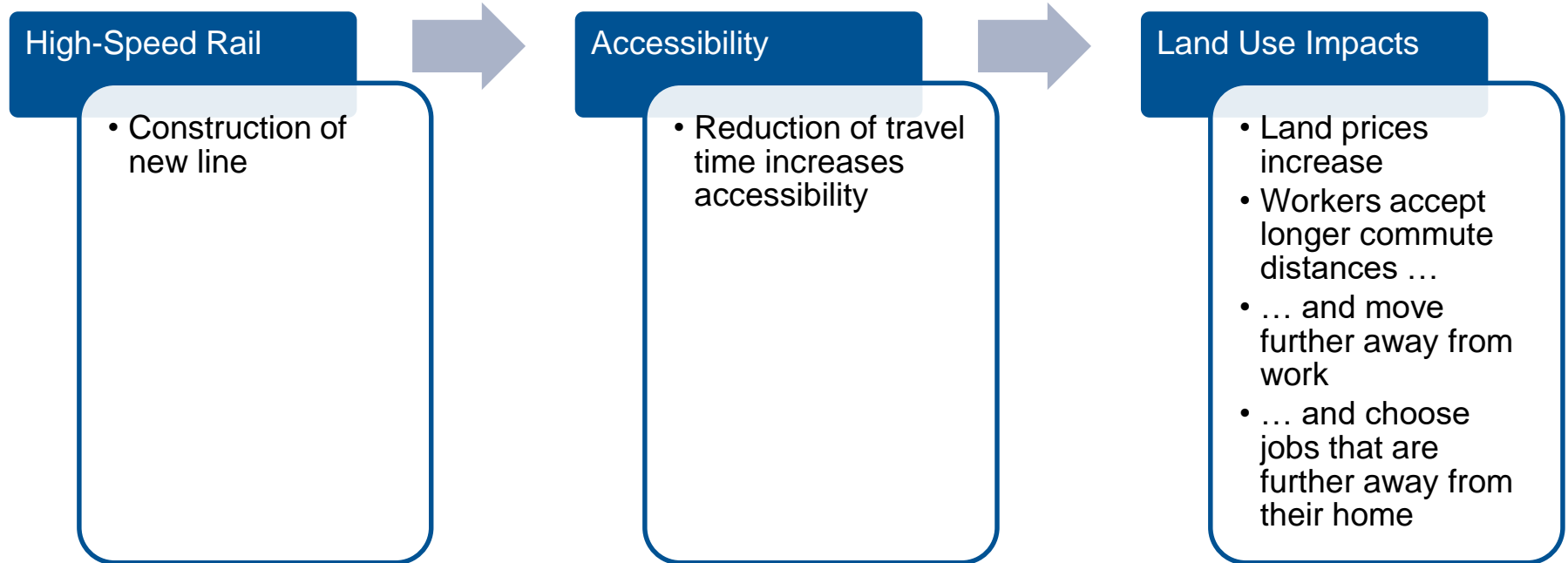
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Dr. Rolf Moeckel
Assistant Professor
Technical University of Munich



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Theory



Actual Impacts

Very difficult to quantify, as

- other changes happen at the same time (such as population growth, employment growth, economic changes).
- impacts are compounded. Higher costs of living may force people to move out, but also improved accessibility may encourage people to move.

Impacts are Very Difficult to Model

Most land use models work on **urban scales**, while the impact of high-speed rail tends to be **interregional**.

Economic models assess the impact of accessibilities, but **lack the spatial resolution** needed to understand the land use impact of HSR.

Multi-layer models are needed to credibly assess the impact of HSR.

