

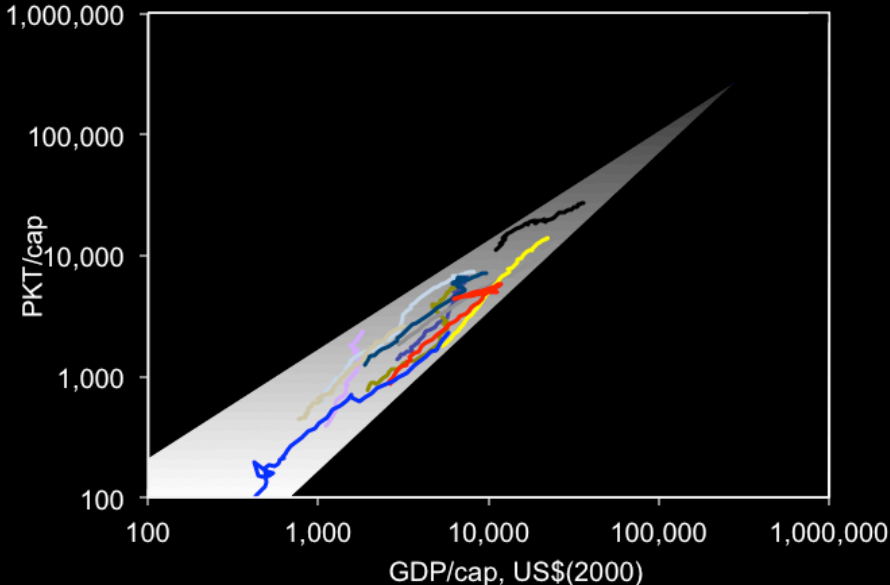
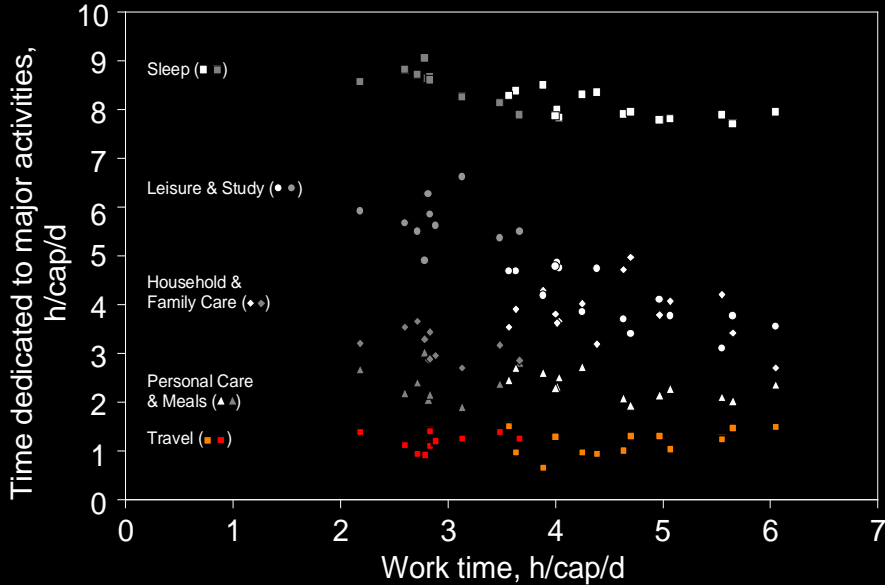
Mobilizing Investment in the Transport Sector

Green Growth and Sustainable Development Forum
5-6 December 2013, OECD Paris

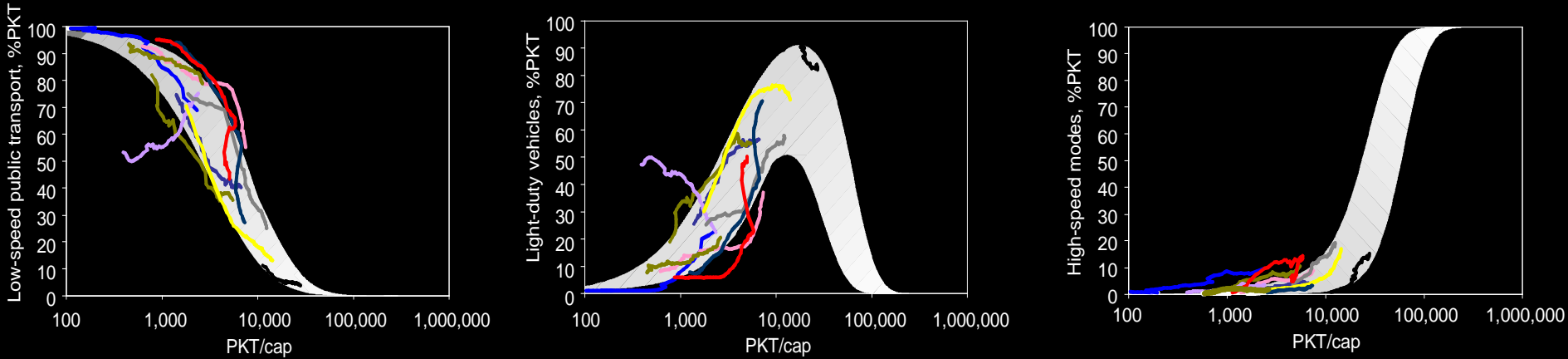
Andreas Schäfer
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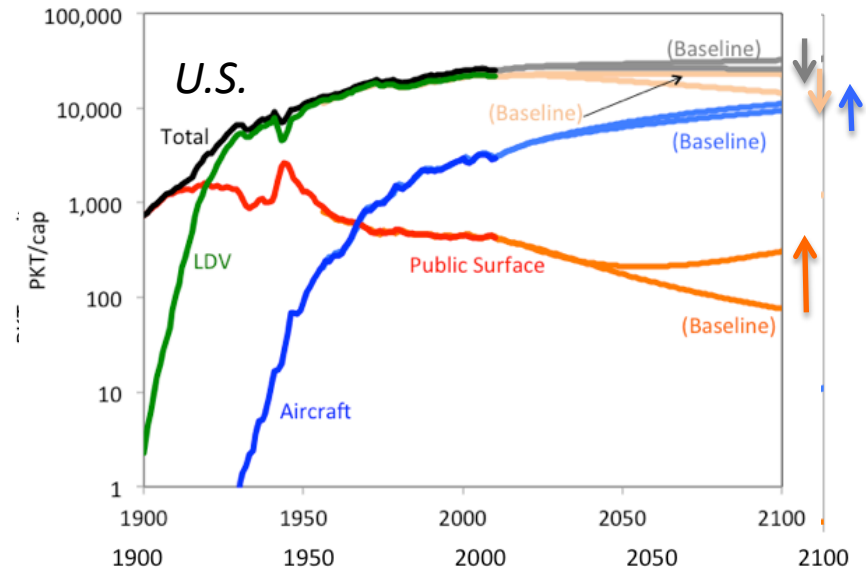
A brief look at the Demand Side



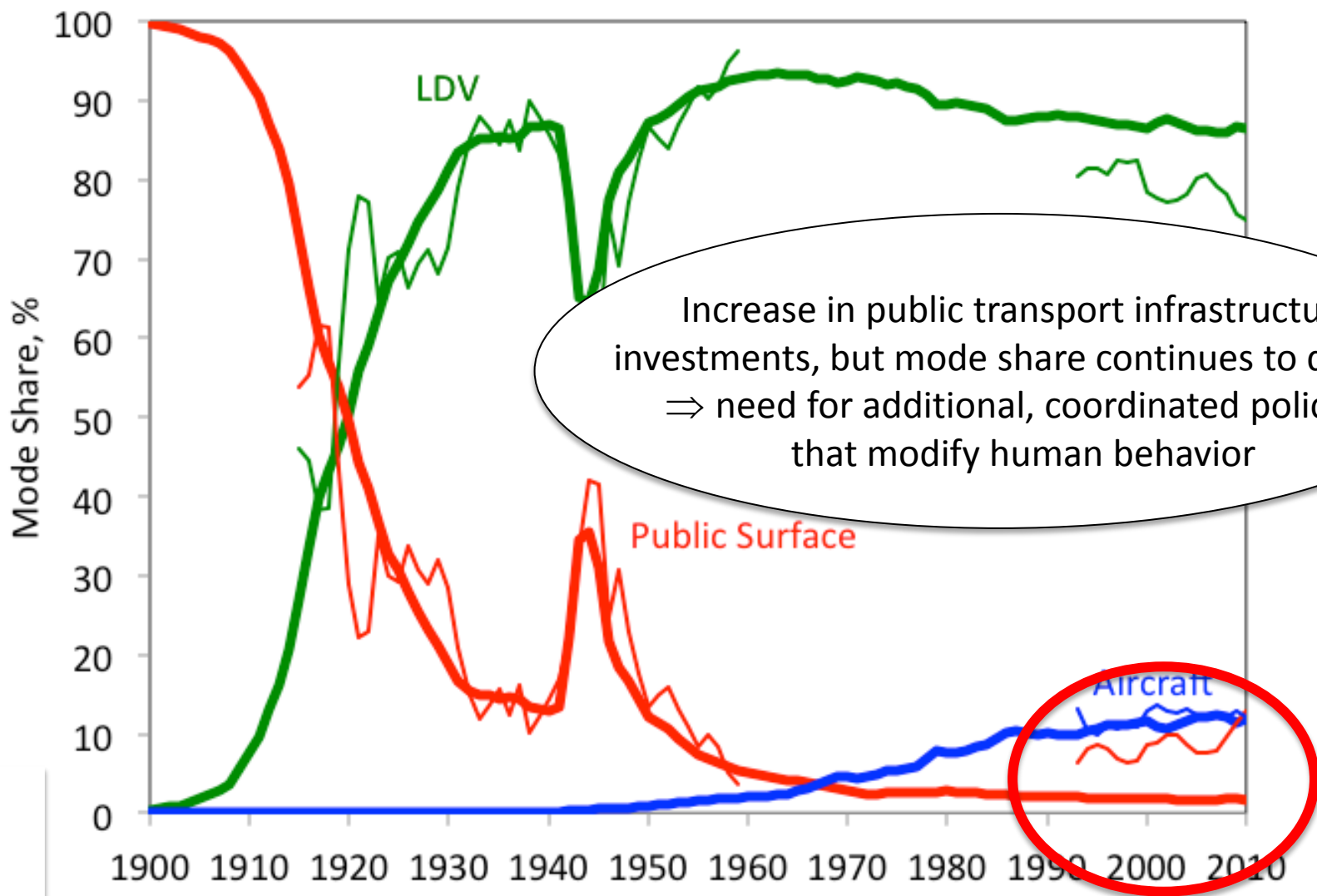
Travel Demand, *continued*



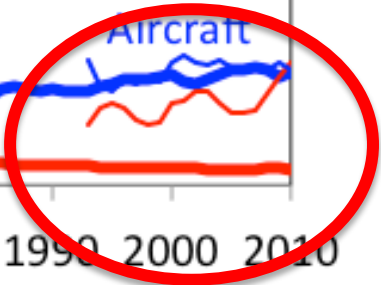
*Estimate system of 3 equations
(ADL + Logit model) =>*



U.S.: Share of PKT and infrastructure investments

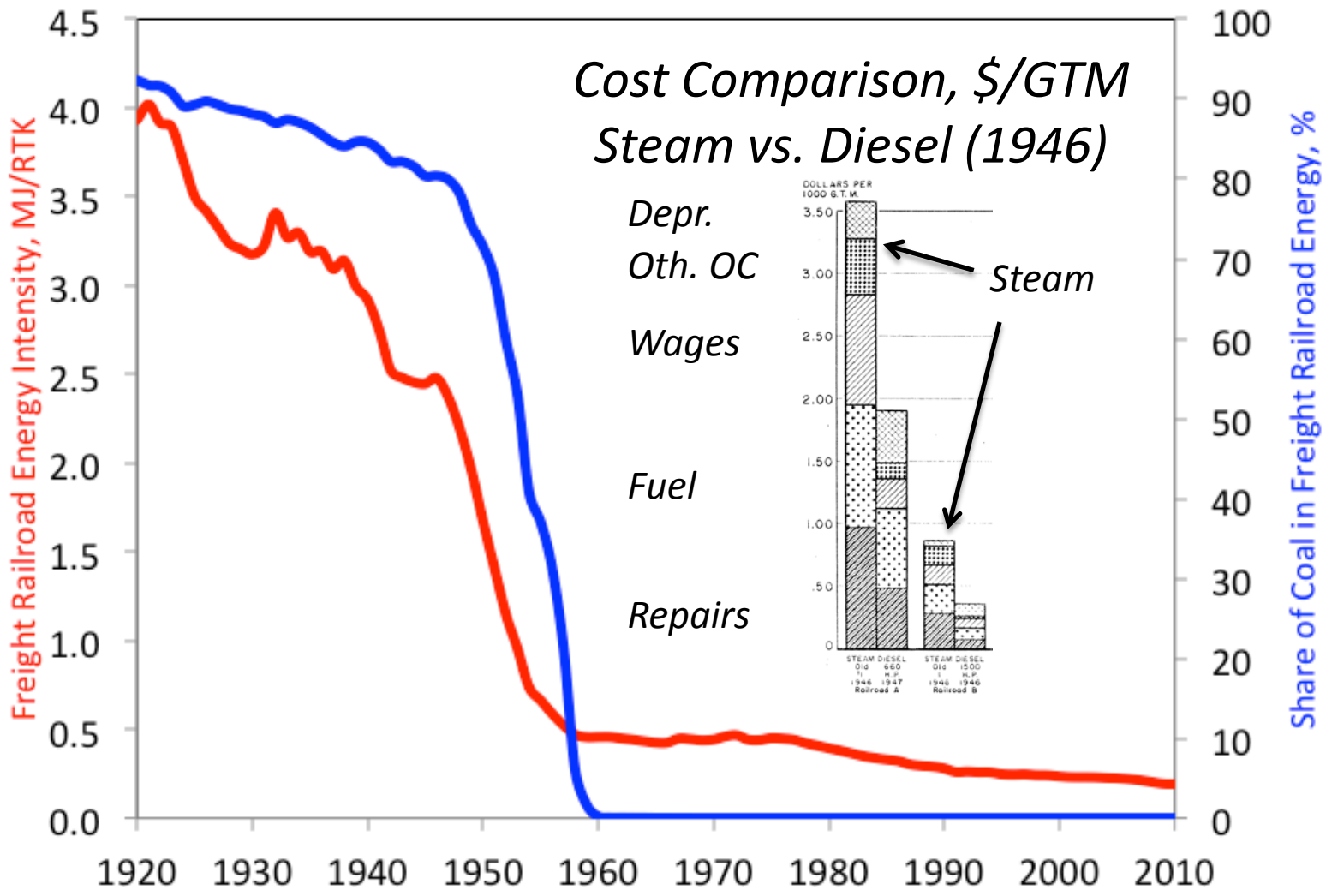


Increase in public transport infrastructure investments, but mode share continues to decline
⇒ need for additional, coordinated policies that modify human behavior



Need for Technological Change

U.S. Freight Railroads



Supporting Green Transportation Technology

- Challenge: vehicle industry highly capital intensive
(=> risk and time scales)
- Government action
 - R&D
 - **U.S.:** PNGV (1993-2001): 200-250 mln US\$/yr ($\approx 3\%$ of GM R&D expenditures alone)
 - **Japan, Europe:** larger number of smaller programs
 - Limits: “breakthrough ideas and talented people”
 - Subsidies ([hybrid-] electric vehicles, biofuels, etc.)
 - Need for coordinated, predictable, long-term policies to assure adoption (market-based, regulatory, etc.)

