



TRANSPORTATION DESIGN FOR ALL

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When designing systems and elements for transportation – especially for public transport – it requires an integrated, multidisciplinary approach that addresses interaction design, sustainability, safety, economics, governance and aesthetics with engineering and applied ergonomics.

Complex and variable systems should be created and the design, redesign of urban and distance vehicles, interaction points and infrastructure are needed to provide aid to people with mobility, sensory and cognitive impairments.

Barriers in public transport create numerous demands that people with impairments cannot meet. As a product designer my goal is to focus on range of social inclusion features. From idea generation, through the design process, the use of materials, textiles and light structures that comply with technical and safety regulations to create passenger friendly outer and inner environment in public transport throughout my research.

Bringing functionality and innovation together for independent and autonomous mobility is the goal when designing for all.

Keywords: transport design, product design, transport system, accessibility, design for all

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