



# NEXTRANS Center Inaugural Summit:

## Intermodalism Panel Session

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## A) Challenges

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- Connectivity
  - Capacity limitations
- Prevailing conventional thinking
  - Modes viewed in isolation – one dimensional thinking
- Traditional transportation modal use
  - status quo
- Passenger
  - Design of cities

# A) Challenges

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- Congestion
  - Time, productivity ... wasted resources
- Fuel costs
  - Changes in operations
- Environmental Factors
- Capacity (**rail, ports**, roads, ...)
  - Obtaining rights to expand & grow
- Finances
  - funds – procurement

## B) Integrated solutions?

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- Hard to find an inter-modal challenge that is not integrated

# C) Gov. – Industry - Academia Partnership

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- Financing
- Land Acquisition
- Regulation
- Information
- Security
- University
  - Research, modeling, honest broker



# D) Integrated Solutions: Change approach?

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- See point C – financing, land acquisition...
- Research and Education
  - Multidisciplinary
- Implementation
  - Intellectual Property



# E) Gaps – UTC's

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- Basic and advanced research
- Honest broker
  - Can accomplish things that others can't
  - Strengths
- Leadership in Education
- Technology transfer
  - Summit
    - Public, private, academia -- good example



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