

Conclusions

from Tuesday Workshops & Discussions

Session – Sharing Urban Space

Presented By-

Deepty Jain

Ph.D. , CoE- TRIPP, India

FUT Symposium, 2012, Goteburg

Dated 18th October 2012

Introduction to session

“Sharing Urban Space”

- Issues discussed
 - Contextual based models
 - Stakeholder involvement
 - Freight shares both spatial and temporal space
- Strategies discussed
 - Adaptive planning
 - Off peak hour deliveries
 - Mobile depots

Morning Session

3 presentations

2 discussion group

Excerpts from presentations

Space crunch for transport in cities

by Prof. Dan Andersson

- Theoretical insights
 - Context needs to be accounted and need of stakeholders be realized
 - Congested urban structures
 - Limited space and land rent theory
 - Specific requirement of small shops at city centers
 - Solutions need to be tailor made
- Issues raised
 - Need to add regional dimensions having influence on identification of potential areas for development
 - How frequent the models need to be revised?

Off – Hour Deliveries

By Dr. Jose Holguin-Veras

- Theoretical construct
 - Freight transport share both spatial and temporal space
 - Freight transport has different requirement than passenger transport
- Strategy insight
 - NYC adopted night delivery as compare to day delivery
- Results
 - Increased average speeds
 - Less stress for drivers and safety perception
 - Travel time savings

Off – Hour Deliveries

By Dr. Jose Holguin-Veras

- Political and Local Concerns
 - Safety issues by receivers
 - Need for vendor certification program
- Learning
 - System needs to collapse to apply strategies
 - Carefully design pilot projects
 - Behavioral study is an important aspect
 - Policies need to be combination of incentives and penalties
- Issues
 - Mandating vs. policy incentives
 - Adapting unassisted delivery by local receivers

Sharing the urban space

by Prof. Cathy Macharis

- Theoretical construct
 - Environmental friendly and economical solutions do exist
 - But they fail
 - Need is to account for all stakeholders and their interactions
 - Need to identify criteria and priorities
- Proposed
 - Using Multi Actor Multi Criteria Analysis
 - Steps involve
 - Identifying stakeholders
 - Understanding their criteria
 - Define weights accordingly

Sharing the urban space

by Prof. Cathy Macharis

- Developing evaluation matrix
- Rank alternatives and understand strengths and weakness of alternatives
- Applied for
 - Implementation of mobile Depot for TNT
- Concerns - Quantification of certain criteria
 - Does not have to be a monetary value
 - If an indicator cannot be quantified than it can be defined on ordinal scale

Insights from Discussion – Group 1

Moderator - Dr. Leigh Glover

- Issue – Degree of transferability of freight transport models developed in European context to developing large size rapidly changing cities.
 - Not same as for public transport
- Issues – Variables need to be considered to adapt models to contextual situation
 - Nature of city
 - Nature of freight
 - Nature of transport modes
- Issues – Goals and criteria define the type of freight movement choices
 - Legal aspects need to be considered as well

Insights from Discussion – Group 2

Moderator - Dr. Geetam Tiwari

- Concerns raised
 - Affect of logistics system planning on passenger transport
 - Competition of space between freight transport (e.g., trucks) and other transportation modes given limited road space
 - Concerns for planning formal (systematically designed, large-scale) logistics systems in presence of informal (natural-born, small-scale) logistics systems
 - Affect of economic factors (e.g., average personal annual income) on the design of effective freight transport systems

Thank You . . .
