

Panel Discussion :

Reimagining Asia's New Mobility Era & The Role of EASTS in the Next Decade

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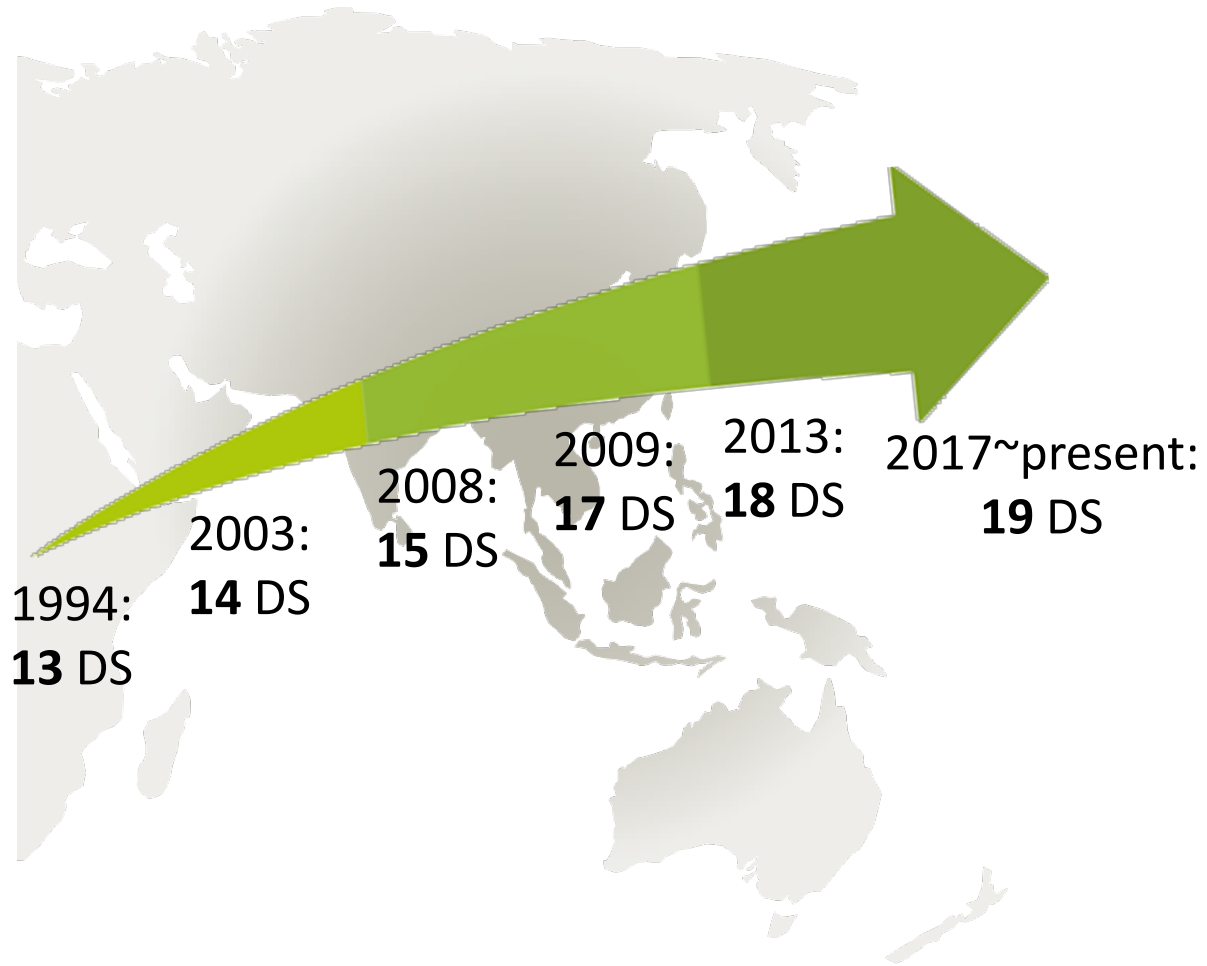
01 | Achievements & Future Challenges of EASTS

02 | Mobility Transformation & The Role of EASTS

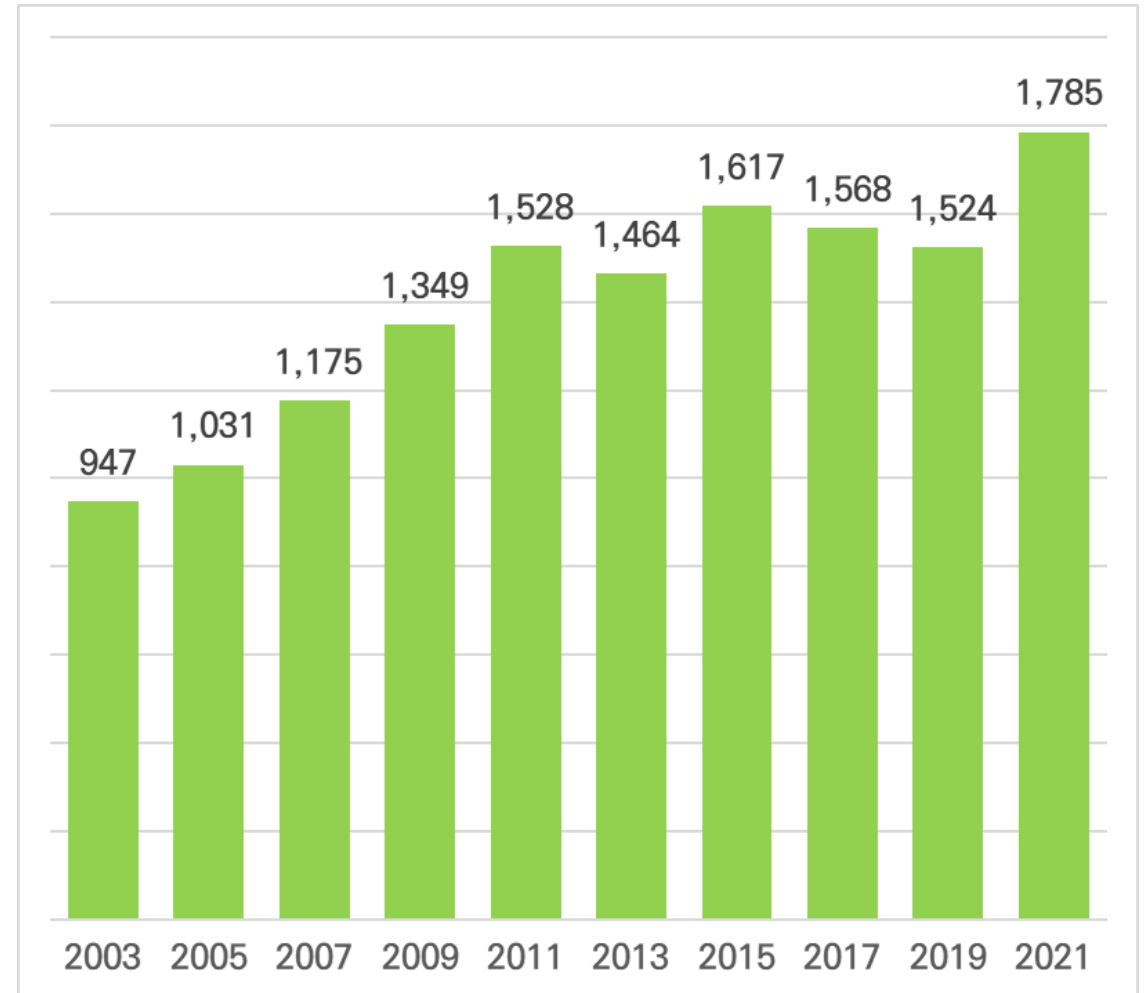
01. Achievements & Future Challenges of EASTS

30 years : Achievements

▶ Domestic Societies

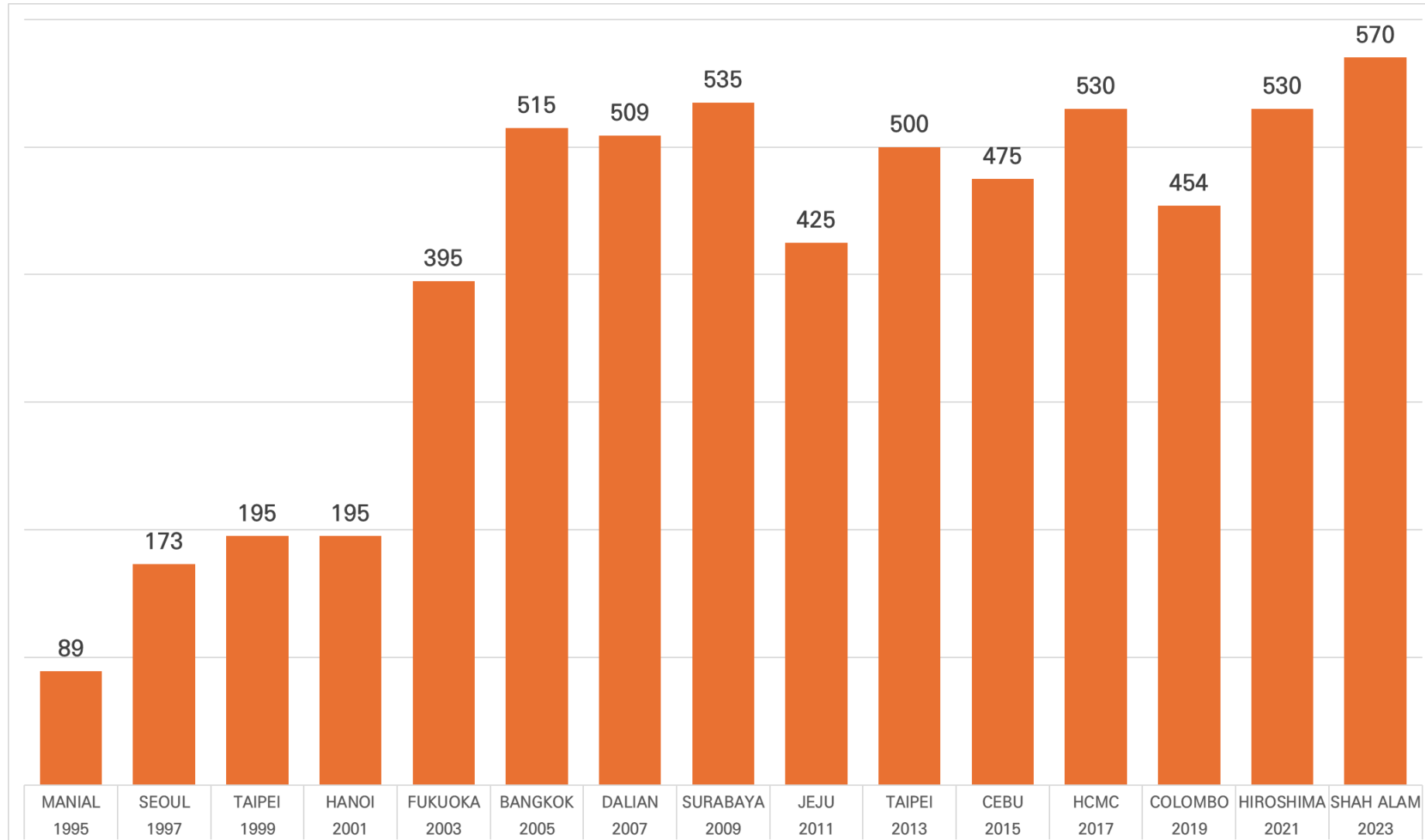


▶ Memberships



30 years : Achievements

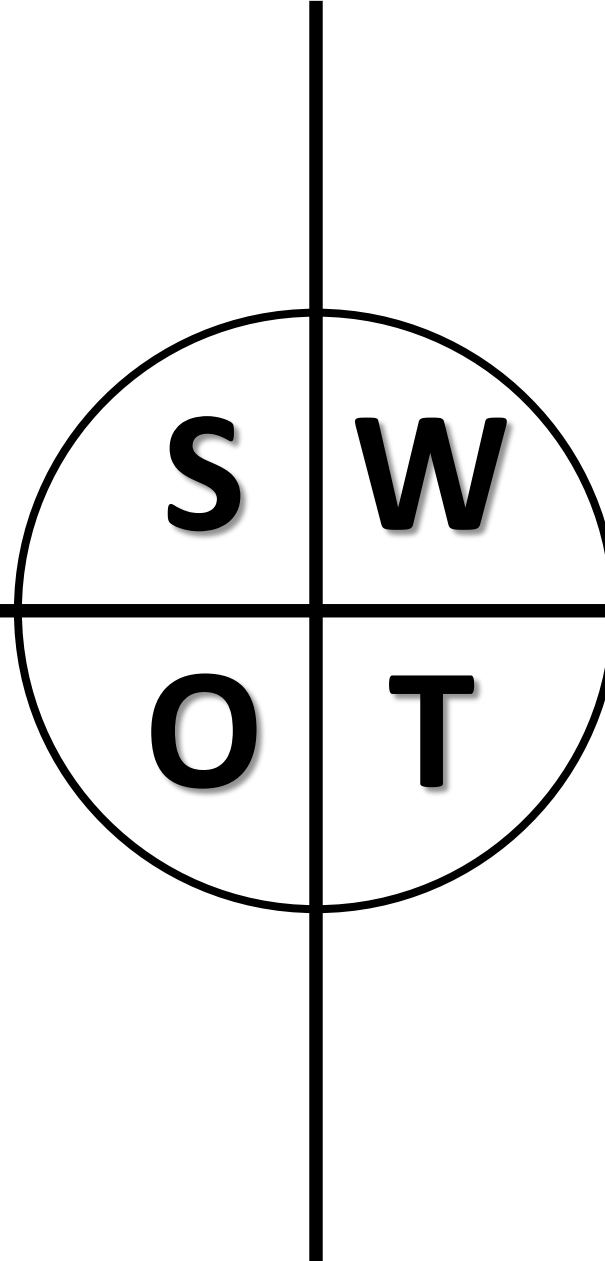
► Conference Papers



Status & Challenges (SWOT Analysis)

- Leading and unique society in Asia
- Firm establishment as academic society of transport

- Rapid economic growth in the region
- High needs of transport development in Asia
- Emerging mobility services and technology



- Limited activities of Domestic Societies
- Low impact factor of journal
- Weak financial structure
- Geopolitical instability in the region
- Increasing competition in activities of international transport academic societies

Vision and Goals

Vision & Goals

“World-Renowned Society of Transport Research and Practice”
- Excellence in transport research
- High contribution to transport development in Asia
- Leading peace and prosperity through transport cooperations

Strategies

01 Activating Domestic Societies

03

Encouraging interactions of university, research institute, government, and industry

02 Upgrading the journals

04

Strengthening financial structure

02. Mobility Transformation & The Role of EASTS

Concept of Mobility Transformation

Traditional Transportation Policy Efforts

- **Infrastructure Development**



- **Responding to Motorization**



- **Public Transport Promotion**



Factors Accelerating Transport Transformation

- **Climate Change Crisis**
- **4th Industrial Revolution**
- **Demographic Changes**
- **Global Pandemic**

**Decisive Decade
for Future Mobility
(2021-2030)**

Future Mobility

- **Great Transformation**
(after 1st industrial Revolution)
- **Technology-driven changes**
: Mobility changes based on hyper-intelligence/connectivity
- **Transition with global megatrends**
: Transport is the forefront of megatrends response
- **Employment change and job conversion**
- **Solutions for externalities of transport**
: Congestion/Accident/Pollution

3 Revolutions: Automation, Electrification and Sharing

Future
Mobility

Automation

Autonomous



UAM



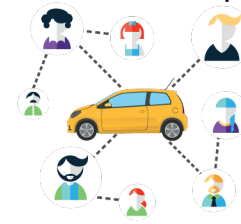
Electrification

Electric Vehicle



Sharing

Shared Transport



Integration



Technology

AI



Io



Big-data



Cloud



Solution

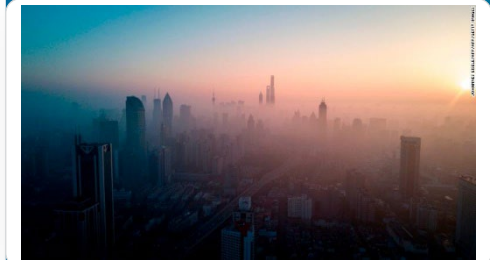
Safety



Congestion



Emission



Goals & Strategies for successful mobility transformation

Goals

- Zero Emission, Zero Casualty, Affordability
- Technology innovation + Economic efficiency + Social inclusion

Strategies

- ① Establishment of National Strategy for **Market-Based Transformation Ecosystem**
- ② The 3 Revolutions should be processed in a form of **simultaneous transformation**
- ③ Successful transformation should be based on **social agreement** between stakeholders
- ④ Support demonstration projects for the creation of **mobility services felt by the public**
- ⑤ **Social security net** and training of new workforce should be put into a top priority

The Role of EASTS

1

Providing a new mobility research platform in Asia

2

Developing and implementing appropriate mobility technologies in Asian countries

3

Coordinating and Harmonizing traditional transport policies and new mobility solutions

4

Encouraging the activities of domestic societies, research interactions, and the publication of research papers through the special issues of the ATS journal

Thank You