

# *Regional Expert Group Meeting on Policy Options for Sustainable Transport Development*

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## Sustainable Transport Development: Global Mandates & Regional Overview of Transport Development



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# United Nations Mandates

- ☐ Global
  - Rio+20, focus on three pillars of sustainability
    - ☐ Economic
    - ☐ Social
    - ☐ Environmental
  - Millennium Development Goals, 8
  - Kyoto Protocol – new protocol by 2015
- ☐ Regional
  - Regional Action Programme for Transport Development, 2012-2016 (Ministerial Conference on Transport, 2012)
    - ☐ Sustainable transport development (10 Thematic Areas)
  - ☐ Forum of Asian Ministers of Transport, Nov. 2013
- ☐ Sustainable Development Goals (beyond 2015)

The 8  
Millennium  
Development  
Goals



# Rio+20 Outcome Document (Transport)

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- ❑ Transport and mobility are key to Sustainable Development
- ❑ Efficient movement of goods and people
- ❑ Energy efficient multimodal transport system
- ❑ Clean fuels and vehicles
- ❑ Integrated approach to planning
- ❑ Affordable and sustainable transport
- ❑ Sustainable transit transport- need of landlocked and transit countries
- ❑ Capacity development

# Post 2015 Development Agenda

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- ❑ Sustainable Development Goals

- ❑ Open Working Group

- ❑ Inclusion of Transport in SDG:

*Sustainable transport that enables universal access to safe, clean, and affordable mobility*

- Increase access to mass transportation

- Reduce urban air pollution

- Increase efficiency of vehicle fleet

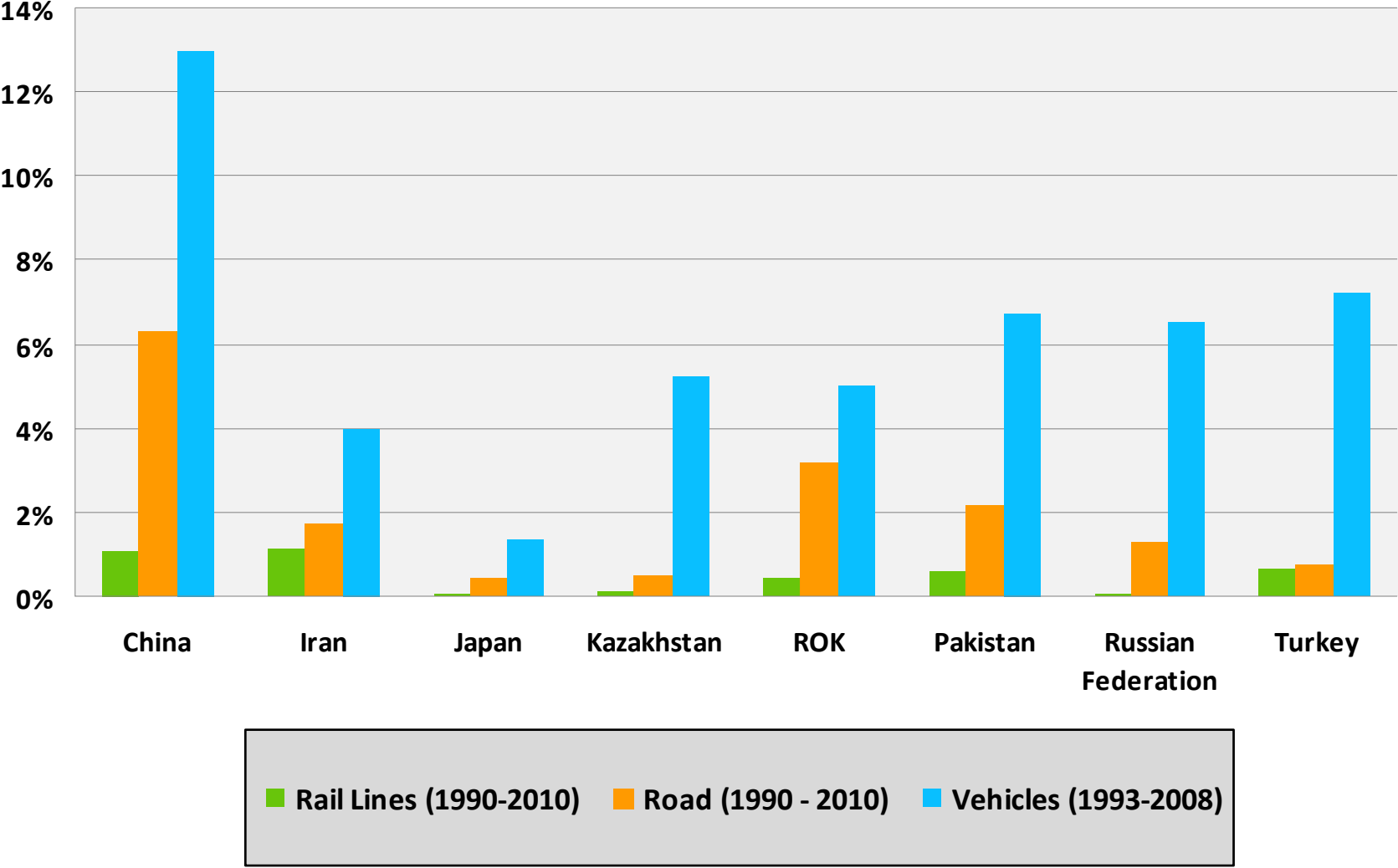
- Reduce road fatalities

- ❑ SDG agreed by Sept. 2015

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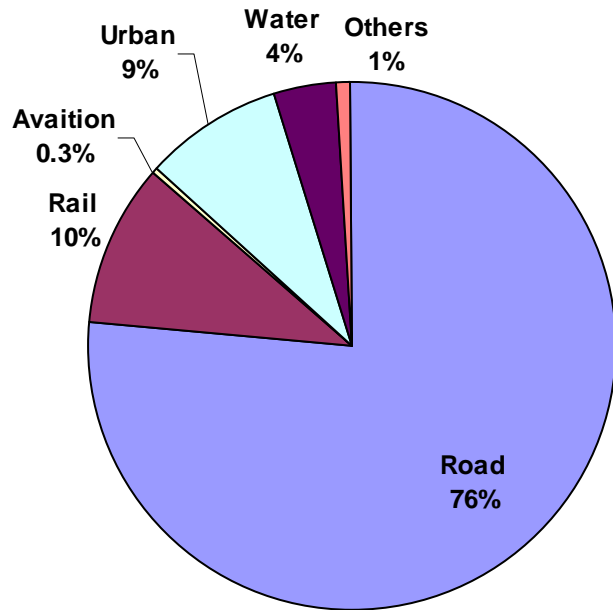
# Growth of railways, road and vehicles

## Growth Rate

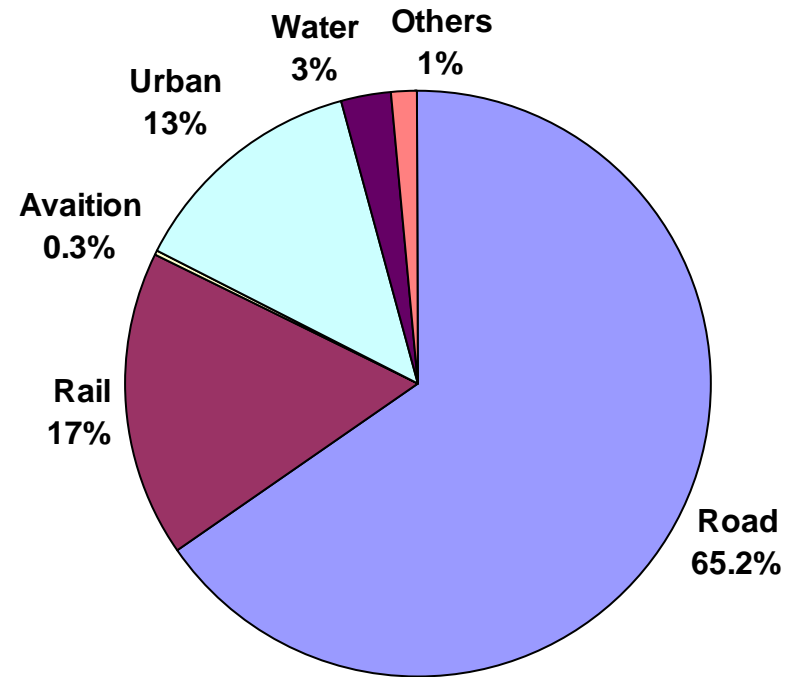


# Pattern of Investment in Transport

ADB's Transport Investment (2007-12)



World Bank's Investment in Transport (2007-12)



(ESCAP, 2013)

- Railway and water transport are more environmental friendly than roads
- Majority of investment is in roads
- Rail and Urban transport investment increasing
- Limited investment aviation, inland water transport and coastal shipping

# Regional Transport Networks & Intermodal Integration



## Roads



## Railways



# Intermodal Logistics

- Integration of Highway, Railways, Inland waterways
- Shipping, port and logistics networks
- Facilitate and promote modal shift
- Infrastructure and services

**Electrified Railways: Japan-61%, China-46%, RF-51%, India-30%, Malaysia-20%, Austarlia-8%**

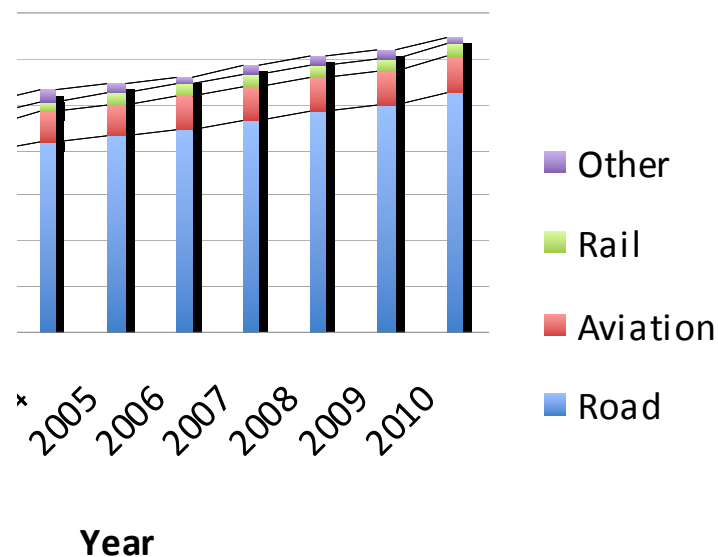
预览已结束，完整报告链接和二维码如下：

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_6130](https://www.yunbaogao.cn/report/index/report?reportId=5_6130)



# Consumption

## Consumption, Transport (AP Countries)



- World-236.2 mil TOE
- ESCAP-64.8 mil TOE (27.4% of world)
- Road- 81%
- Aviation-13%
- Rail- 4%
- Others- 2%