

1. How Japan developed after WW II
  - (1) Population Growth  
72 million (1945) → 100 million (1967) → 127 million (2015)
  - (2) Concentration to 3 major metropolitan areas (Tokyo, Osaka, Nagoya)
  
2. How Japan developed its urban railway network
  - (1) Many problems to be solved  
Traffic congestion and Crowded trains, Motorization,  
Environmental Problems, Traffic Safety
  - (2) Constructors / Operators (National / Public / Private)
  - (3) TOD (Transit Oriented Development)
  
3. Today's railway network in Japan
  
4. New Challenges: How to realize more useful railways for passengers
  - (1) Barrier-free, Universal design
  - (2) Seamless mobility, IC cards, MaaS (Mobility as a Service)
  - (3) Crowded trains, Train delays