Accessible Transport Practice in China

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Huge population

44.1 million with age>60, 75 % of increasing
Decreased in intellectual disability

1.6%(1987) → 0.82%(2006)
Fast Increasing

50 years from 10% to 30% only

Year 2050:
- 60+ 435 million
- 65+ 322 million
Big Share of very Old

% of 80+ / 60+
Great effort to protect the right of disabled people

Shanghai
National/Local Government  Policy and Legislation

1985 Beijing,
   Barrier free construction in city center promoted by Beijing municipal government

1989 MoC
   The first technical specification of urban road and building for disabled people

1989
   National government announced the Protection Disabled People Act

1996
   Rights of the elderly protection act
More focus on hardware construction

1997 : MOC Notification

To do a good job for barrier free facilities construction
Barrier Free Facilities
Road
Large Public Building
Residential Area

During Planning, Design and Construction
Festival for the Elderly
2000

Airport Passenger Barrier Free Facilities
Construction Specification

2005 MoRail:

Barrier Free Construction Specification for
Railway Station

Fundamental Elements : Barrier Free Construction

Curb ramp
Sidewalk for Blind People
Building Entrance
Barrier Free Passage in Building
Barrier Free Lift( for new public building
Restroom for disabled people
Sign
Shanghai

Age>60: 2.8 million
Disabled population: 0.94 million

Great Efforts after 2003

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<tbody>
<tr>
<td><strong>Barrier free facilities in public area</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hospital</td>
<td>59</td>
<td>678</td>
</tr>
<tr>
<td>Shopping Cenetr</td>
<td>43</td>
<td>429</td>
</tr>
<tr>
<td>Passenger Station</td>
<td>0</td>
<td>119</td>
</tr>
<tr>
<td><strong>Sidewalk (Km)</strong></td>
<td>121.95</td>
<td>1913</td>
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<tr>
<td><strong>Curb ramp (km)</strong></td>
<td>1843</td>
<td>41113</td>
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Metro inside station
Impossible for blind people to find the metro line
10,000 Subsidized Motorized Vehicle for Disabled People Sharing Bike Route
Special Taxi, Van Service for Disabled People

Special ID for heavy wheel chair people of 20,000

Hundreds letter of appreciation in one year

Very positive social impact

BUT lack of capacity in vehicle and finance
Free Bus Card for People > 70
Senior Citizen take the bus to buy food and other social activities in weather protected super market

Problem: old bus, emission, compete for road space in rush hour
Barrier Free Bus, 100 expected next year
Conference and Research
Challenges

Action in Silo
Hardware Construction, less consideration for management

Resource available, distribution and effectiveness in service

New technology/information
Next Step

2008 Revised Protection Disabled People Act

Create the barrier free environment for the disabled people to participate social activities equally

Barrier free facilities construction
Accessible/transport
Accessing to information
Barrier free in Election
Thank You!