

Elevator Industry and Market in Mainland China

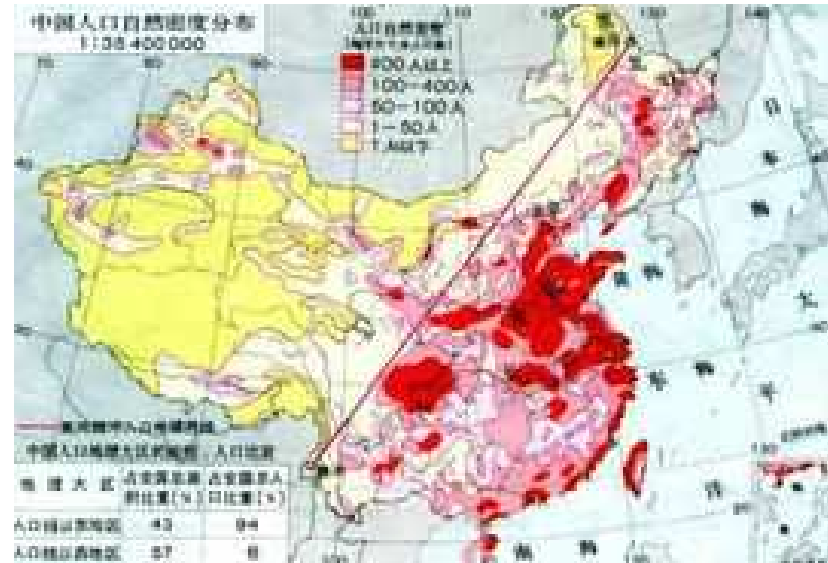
Zhang Lexiang, China Elevator Association

PRC Background Info



PRC Background Info in 2016

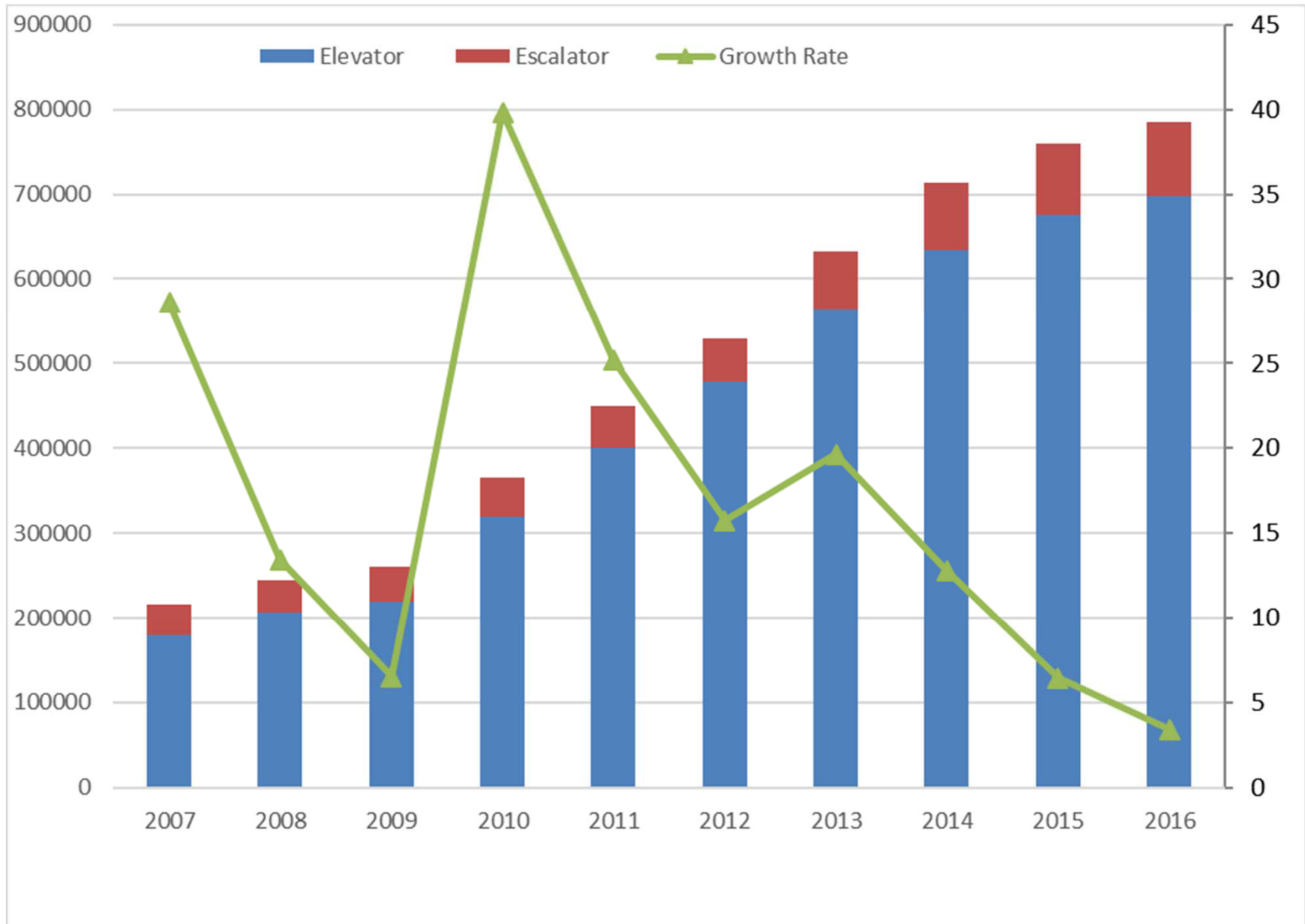
- Land Area: 9.6 million square km
- Population: 1.37 Billion
 - Growth rate: 0.57%
 - Older than 60: 16.69 %
 - Urbanization: 57.35%
 - Per capita living space 40m²
- GDP: 11 trillion Euros
 - Growth: 6-7%
 - Per Capita: 7,500 Euros



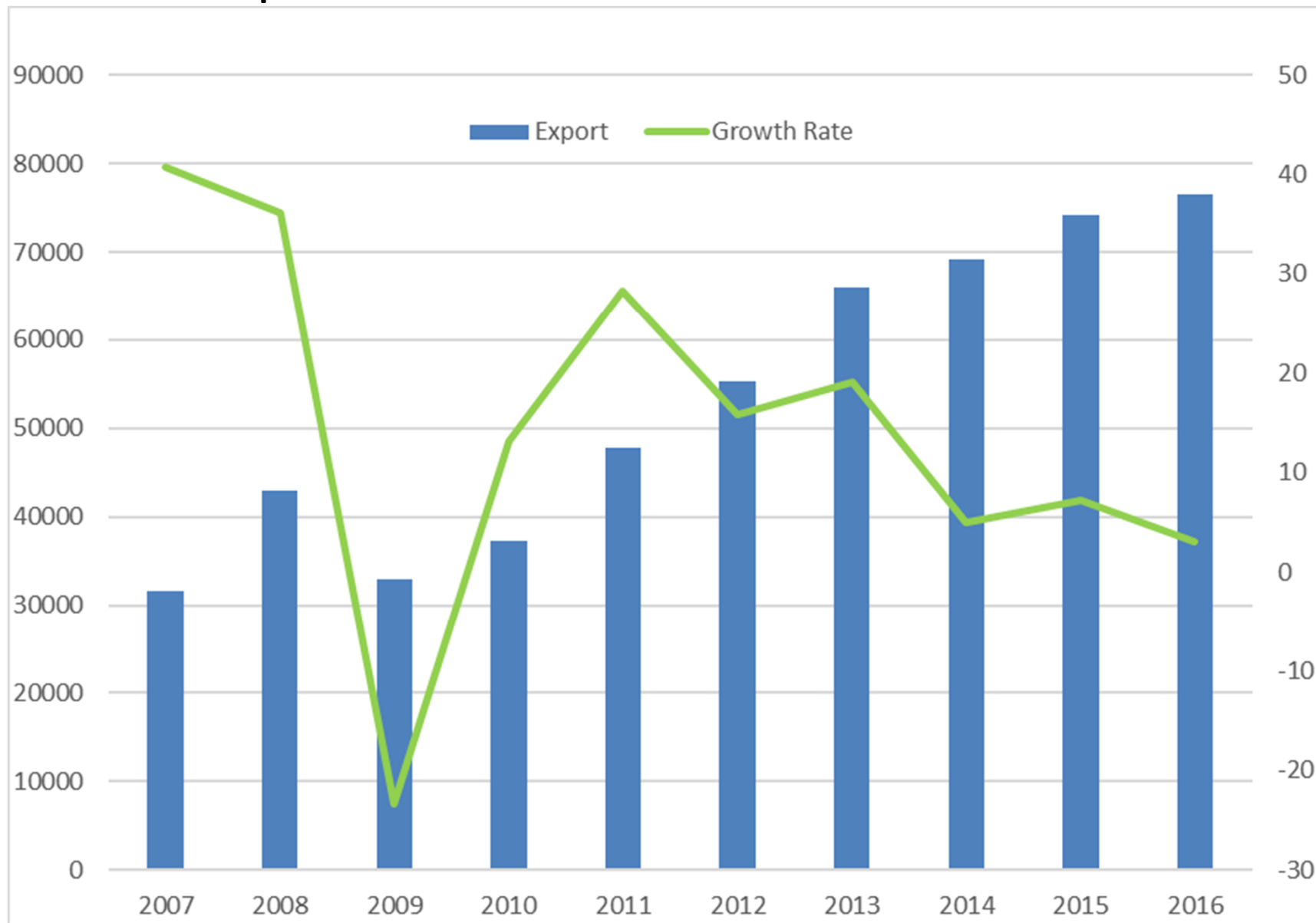
Elevator Industry and Market in 2016

- Ele. and Esc. Production: 786,000 units
 - 11% are of escalators
 - 76,400 units exported, 1/3 are escalators
- Installations being inspected by the authority: 4.94 million
- Revenue: 21 Billion Euros (end market)
 - 15% from services
- No. of Government Licensed Manufacturers: 700
- Multinationals vs Locals: 55:45 in units
- Employees: 1 million

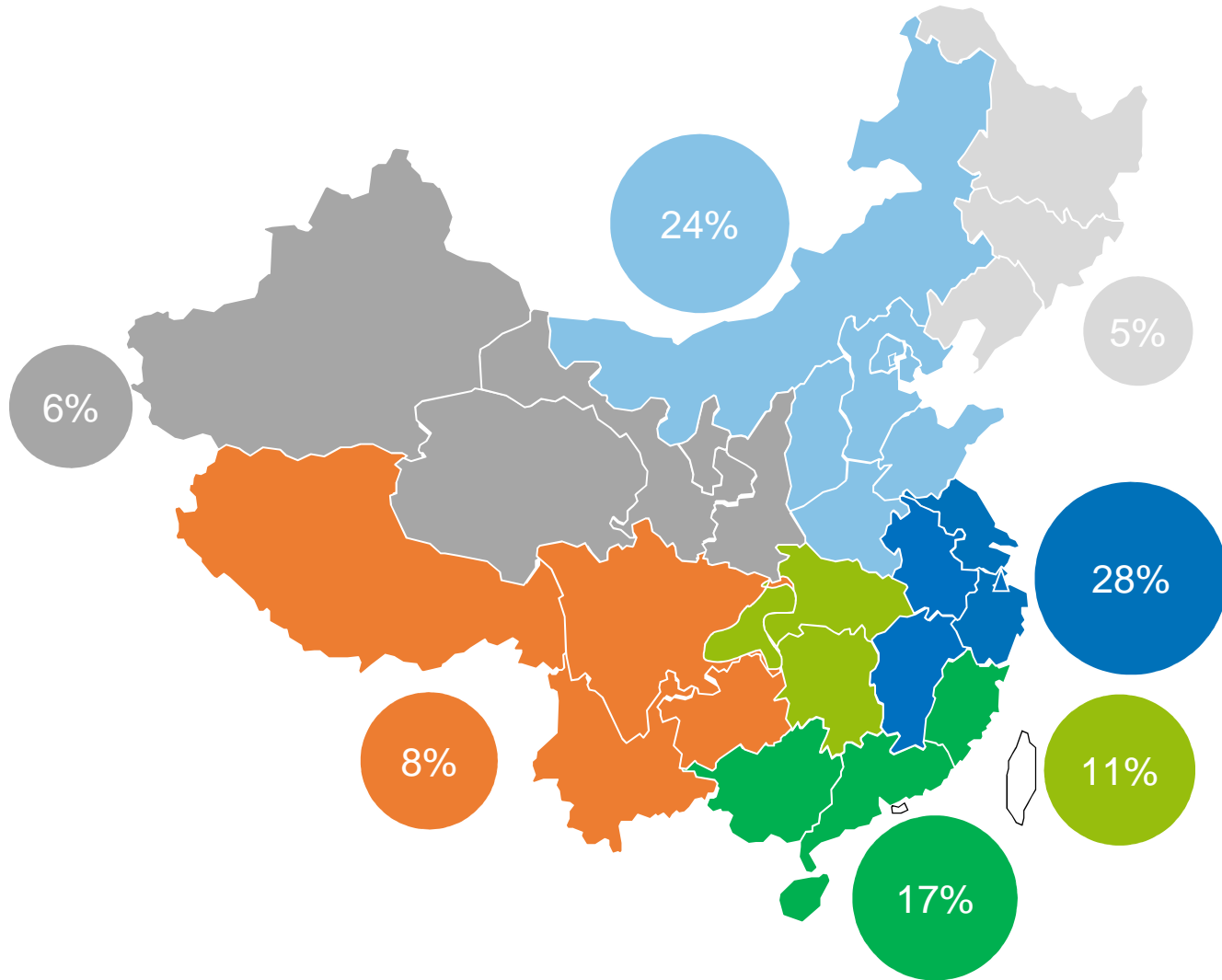
Unit Production Growth



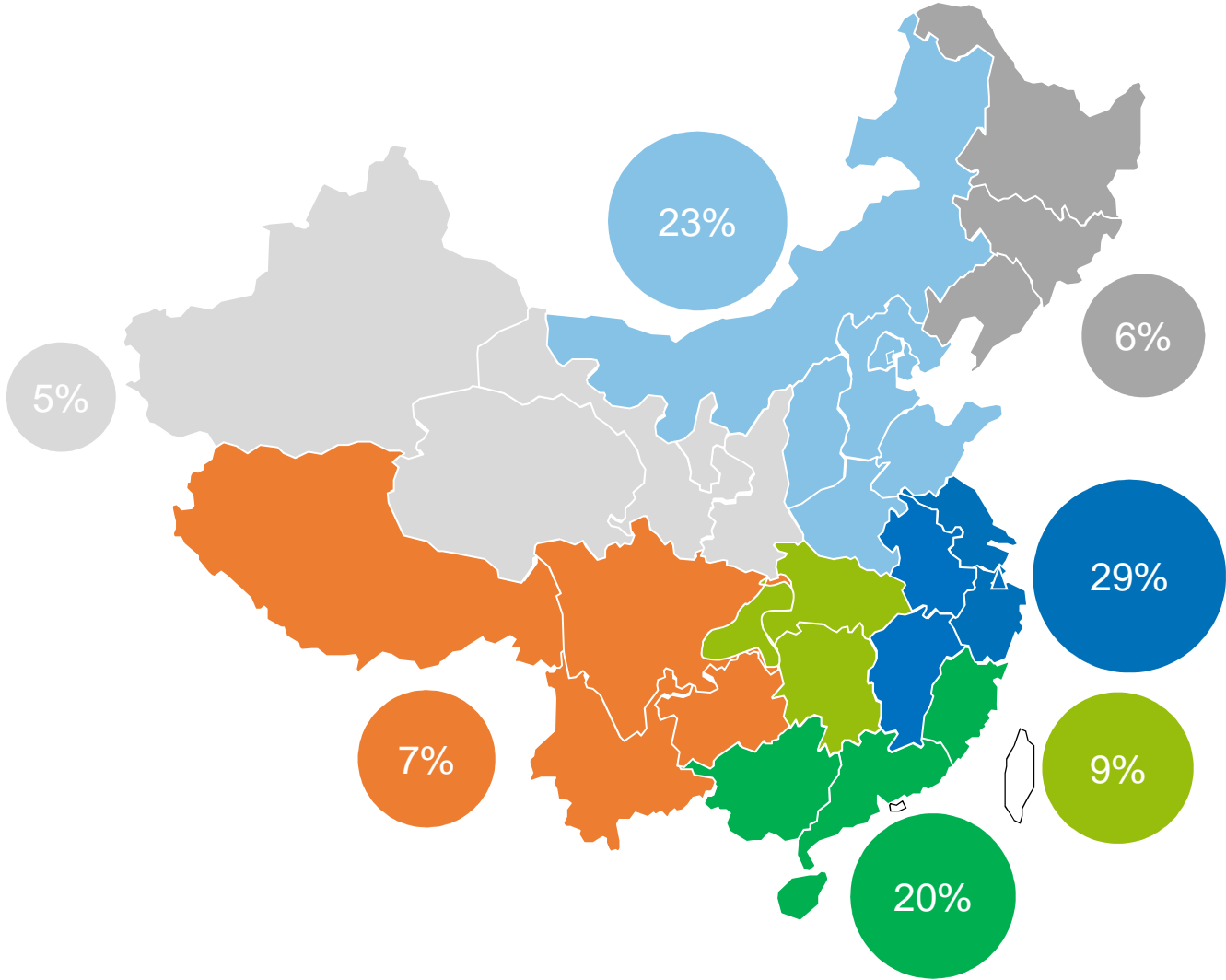
Unit Export



Geographical Distribution of New Equipment Market



Geographical Distribution of Operating Installations



Development Driving forces and Characteristics

- Driving forces
 - Massive construction projects
 - Government land controls and rocketing land price for construction
 - Economic development
- Characteristics:
 - Large-scale, low-cost production of standardized, commercialized elevator products
 - New Market, Novice players, Novice customers
 - Complete production supply chain
 - Focused at manufacturing, neglecting the installation and maintenance
 - Government licensing system stimulate the over production capacity

Product codes and technology

- EN81 and EN115 series codes, supplemented with ISO/TC178 codes
- Chinese Special Regulations for Inspection TSG
 - Type test regulation
 - Commissioning and Periodic Inspections
 - Maintenance regulation
- Gearless is of the standardized for elevators
- Computerized control with IOT technology
- Large capacity and high lifting height
- The state of the art technology
- Automatic production and design

Market Futures

- Urbanization
- Large scale construction of high-speed railways and airports
- City agglomerations
- Renovation of existing buildings
- Replacement and modernization accelerated by idea of shortening product lifetime, technology & codes, safety & security requirement and fashion
- Social development
 - Examples of the China's developed areas and cities
 - Japan
 - South Korea

See you in Shanghai!

WORLD ELEVATOR & ESCALATOR EXPO 2018

May 08-11 , 2018

National Exhibition and Convention Center (Shanghai)

No.333 , Songze Road , Shanghai

