

Overview of JR East Group

Network: 7,474.2km

No. of Employees: 73,551

No. of Stations: 1,700

No. of trains: 13,000/day

No. of Passengers: 17million/day

Operating Revenue: ¥2,702.9billion

Net Income: ¥1.9billion

■ No. are as of FY ended March 31, 2014



Business Contents



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Operating revenues: ¥2,702.9 billion

¥1,827.4 billion Transportation (68%)

Non-transportation

¥875.4 billion (32%)

Station Space Utilization Shinkansen Non-19% **Shopping Centers** transportation & Office Building 9% Others Transportation **Conventional Lines O**thers (Greater Tokyo Area Network

■Others:

Conventional Lines(Other network), Bus services, Monorail services, Rolling Stock Manufacturing Business

- Station Space Utilization: Retailing, Restaurants in stations
- Shopping Centers & Office Buildings; Shopping Center Operation, Office Leasing
- Others ;

Advertising, Hotel Operations, Credit card Business, etc.

JR East Group Management Vision



JR East Group Management Vision V "Ever Onward"

Eternal Mission Pursuing Unlimited Potential Technological Innovation Pursuing "extreme safety levels" Tackling new business areas Service quality reforms Developing employees and creating Strengthening collaboration a corporate culture that maximizes with local communities human potential **Communities Employees** The JR East Share holders Group **Customers Investors**

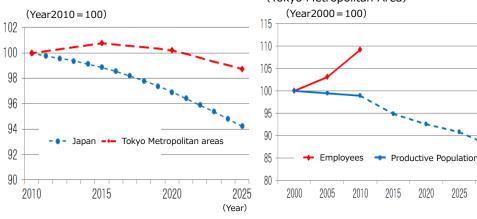
Thriving with Communities, Growing Globally

Population

■ Total Population of Japan

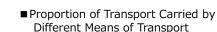


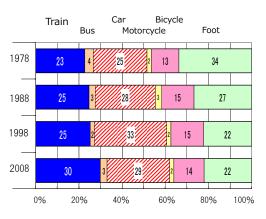
■ Number of Employees and Productive Population (Tokyo Metropolitan Area)



- The population of the Tokyo metropolitan areas remain almost constant
 - ♦ National Institute of Population and Social Security Research
- Employees are increasing
- ~ economic recoveries and active participation of women and elderly people in society
 - ♦ National Institute of Population and Social Security Research
 - and Communications

Transportation

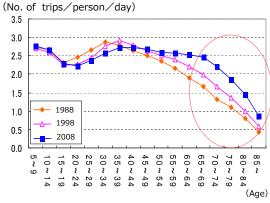




- The share of trains are increasing continuously → can maximize more by enhancing the network

■ The Movement situations of every age

1 Trip; A Unit when a person moves from one place to another place with a certain purpose



- The movement of elderly people is increasing

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Eternal Mission I: Excel ~ Pursuing "extreme safety levels"

- Building a railway capable of withstanding natural disasters



(Year)

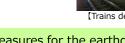
■ JR East Group Safety Plan 2018 (2014~2018) ~Safety through Individual Development and Teamwork~

- ~ Already invested ¥3 trillion since Jr East group was formed



♦ Eliminate all accidents due to preventable internal factors

- ♦ Utilizing "Good Lessons"
- ♦ Invest approx. ¥1 trillion over the 5 years for safety equipment



■ Promotion of seismic reinforcement and other countermeasures for the earthquake

- ♦ Invest approx. ¥300 billion as an intensive implementation period (2012~2016)
- Prevent the collapse of station platform ceilings and walls
- ♦ Strengthening anti-disaster telecommunication functions
- ♦ Support provision for people facing difficulties getting home





[Reinforcement of embankments]



[Seismic reinforcement]

■ Withstand natural disasters of all types

♦ Continue to make the necessary capital expenditures to address natural disasters and extreme weather events



- ♦ Complete installation of automatic platform gates to Yamanote-line by FY2016 (except 6 stations which require large-scale improvement work)
- ♦ Examine installation for routes other than the Yamanote-line





[Heavy snowfall]

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Eternal Mission II: Improve ~ Service quality reforms

- Enhancing rail transportation network and other measures

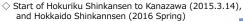


(Access improvements to Haneda Airport

■ Maps; Geospatial Information

- Improving transportation quality "become No. 1 in customer satisfaction in the railway industry"
- ♦ Improving reliable and comfortable transportation services
- Prevention of transport disruptions, early resumption of operations and prevention of disruptions to connecting lines

■ Expanding the transportation network



- ♦ Start of the Ueno-Tokyo line (2015 Spring)
- ♦ Examine access improvements to Haneda Airport
- ♦ Develop wide-ranging sightseeing routes

♦ Enhancing Suica's convenience

♦ Enhancing convenience when

purchasing tickets using ICT

♦ Enhancing services for seniors ~Migration and post-migration support



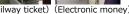
[Hokuriku Shinkansen]

■ Initiatives in view of the 2020 summer Olympic and Paralympic games in Tokyo

- transportation services ■ Information and communication technology (ICT)
 - \Diamond Revitalize the flow of tourism in the Tokyo metropolitan area and attract tourists to the regions

Provide safe, smooth and comfortable

♦ Upgrade the attractiveness of Tokyo by promoting the development of terminal stations





[Ueno-Tokvo line]

Eternal Mission III: Together ~ Strengthening collaboration with local communities

- Supporting earthquake recovery, stimulating tourism and revitalizing communities



■ Develop attractive towns centered on railway stations

- ♦ Large-scale development of terminal railway stations ~ Tokyo, Shinagawa, Shibuya, Yokohama, Chiba, Sendai
- ♦ Developing a line-side area brand that is chosen by customers ~ Childcare support, medical institution, nursing home
- ♦ Revitalize core regional cities ~ Enhance public and community functions





(Facility providing both child

[Shinagawa Development Project] (To be the new gateway of Tokyo and Japan)

■ Revitalizing local industries

- ♦ Help to energize local economies by facilitating the creation of new businesses that integrate agriculture, fishing and forestry with secondary and tertiary industries (sextic industrialization)
- ♦ Host farmers' markets and "NOMONO" local produce shops







and senior citizen care)

["Tokamachi-Sukovaka-factory"] ["NOMONO" shop

(confectionery factory) in Akihabara]

[No. of foreign visitors to Japan] 2003:5.21million $\rightarrow 2013:10.36$ million \sim aiming 20million by 2020 \sim

■ Promoting Japan as a tourism-oriented nation

- ♦ Tourism campaigns
- ♦ Developing trains that people seek to board for the "ride" itself
- Promoting an inbound tourism strategy \sim Work to significantly increase the number of tourists visiting Japan





I aunch a new brand abroad]

["TOHOKU EMOTION"] ["TRAIN SUITE Shiki-shima"] (Restaurant train) (High-grade train)

Pursuing Unlimited Potential I : Pioneer \sim Technological Innovations



■ Pursuing Energy and Environmental Strategies

- ♦ Introducing a storage-battery-driven electric car system "ACCUM"
- ♦ Actively introducing renewable energy including solar, wind, geothermal, and biomass energy
- ♦ Introducing smart grid technology to train power systems

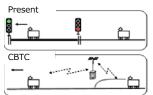




["ACCUM"]

■ Innovations using Information and Communication Technology (ICT)

- ♦ Introduce CBTC (Communication-based train control) system to the Joban-line (around 2020), and ATACS (Advanced train administration and communications system) to the Saikyo-line (fall2017)
- ♦ Smart-maintenance
 - ~ Examine train track facility monitoring equipment
- ♦ Innovation in frontline operations
 - \sim By introducing tablet computers to support employees engaged in frontline operations





[Transforming transportation systems]

■ Operating Shinkansen at faster speeds

♦ Continue our R&D efforts toward achieving an operational speed of 360km/h for Shinkansen



Pursuing Unlimited Potential ${\mathbb I}: {\sf Grow} \sim {\sf Tackling new business areas}$ - Globalization



■ Developing overseas sites (5 overseas offices)

♦ In addition to the previously established New York and Paris offices, established Brussels office in 2012, Singapore office (our first in Asia) in 2013, and London office in 2014

[Projected market size in 2020]

■ Participating in overseas railway projects

- ♦ Participate in overseas railway projects including in the operation & maintenance field (planning, guidance and support to train operation, equipment maintenance and related areas)
- ♦ Actively dispatch employees to a wide variety of countries to provide consulting and technical assistance



Railcar for the Purple-line, Bangkok]



(Consulting for the UK's "High Speed 2" high-speed railway plan]



to Indonesia]

■ Open innovation

♦ Seek out technologies from other companies and industries that can help to achieve breakthroughs that go beyond the values we have had in the past



Expanding railcar manufacturing operations and overseas business expansion

Continue to improve our comprehensive technological capabilities, which range from manufacturing to operations and maintenance





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[Japan Transport Engineering Company(J-TREC)]

Pursuing Unlimited Potential ${\rm I\hspace{-.1em}I}$: Empower \sim Developing employees and create a corporate culture that maximizes human potential



■ Expanding opportunities for employees to succeed and tackle challenges

- Give increased opportunities for motivated people to apply for inclusion in training and other new projects
- Create a culture of respect for embracing challenges, where people feel empowered to try new initiatives





■ Passing on skills and technology-related capabilities of veteran employees

♦ Established 104 Skills Training Center designed to support the continuity of railway-specific technologies and skills in individua workplaces





■ Nurturing global human resources

Provide opportunities to overseas study, overseas dispatch to public institutions and companies, and overseas railway consulting work on-the-job training (OJT) to over 600 employees every year



