



JR East Shinkansen

Transport Strategy

President and CEO

Satoshi SEINO

EAST JAPAN RAILWAY COMPANY



Company Profile of JR East

Company Profile of JR East

JR East is the largest railway company in JAPAN

Network 4,677 miles

The World's Largest

Traffic Volume 17 million /day

The World's Largest

No. of Trains 12,688 /day

Operating Revenues \$27 billion dollar

JR
JR-EAST



*Numbers are as of FY ended March 31 , 2009 or April 1, 2009

Characteristics of JR East Shinkansen

① *High Speed*

② *High Frequency*

③ *Large Capacity*

④ *Through Service*

Characteristics of JR East Shinkansen

① High Speed

2002

2005

2009

2002~2005

Development of
basic technologies

**test runs stable
at 225mph**

2005~2009

High-speed test train
(Fastech 360: Various
test runs)

**Prototype for
200mph
commercial
operation**

2009~

Series E5



Characteristics of JR East Shinkansen

① High Speed

Series E5 will be introduced in March 2011

By 2013, maximum commercial speed of 200mph planned

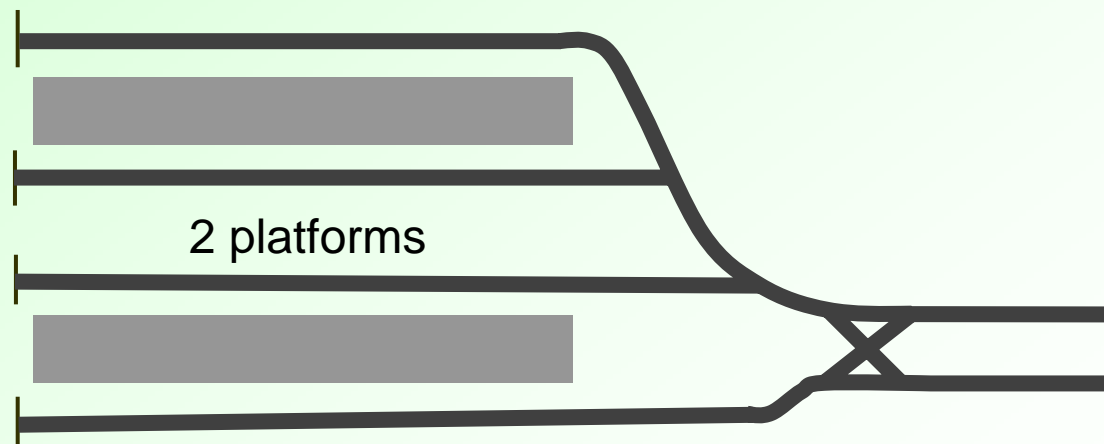


Characteristics of JR East Shinkansen

② High Frequency



Tokyo Station Shinkansen platforms



Handle **400** trains a day

Shortest train interval: **4** minutes

Characteristics of JR East Shinkansen

② High Frequency

12 min. Turn Back



① Train coming



② Passenger Getting off



③ Clean up



④ End of Cleaning



⑤ Passenger Getting on



⑥ Train leaving

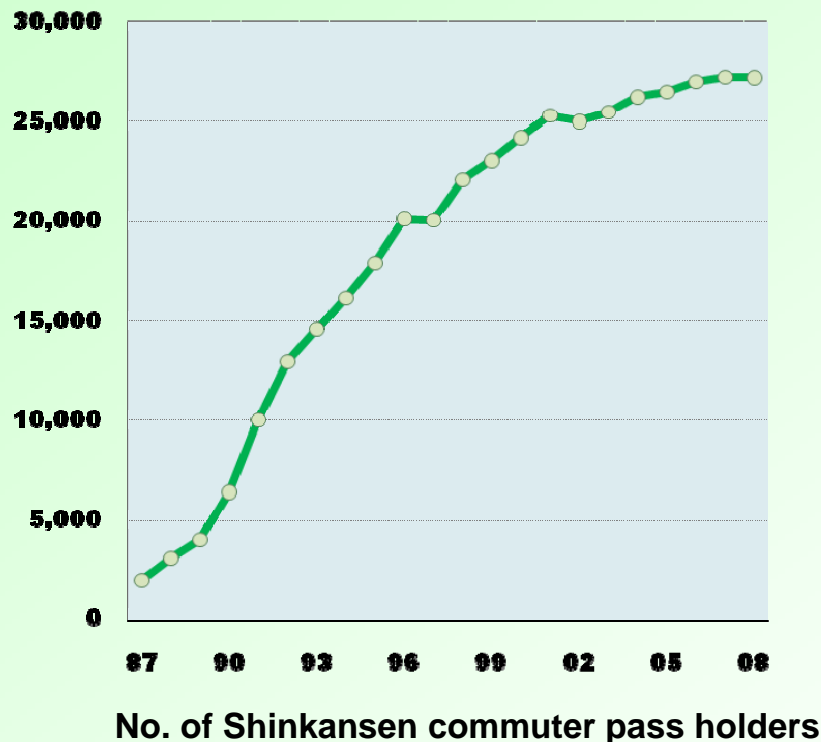
Characteristics of JR East Shinkansen

③ Large Capacity

Series E4 (Double-decker)



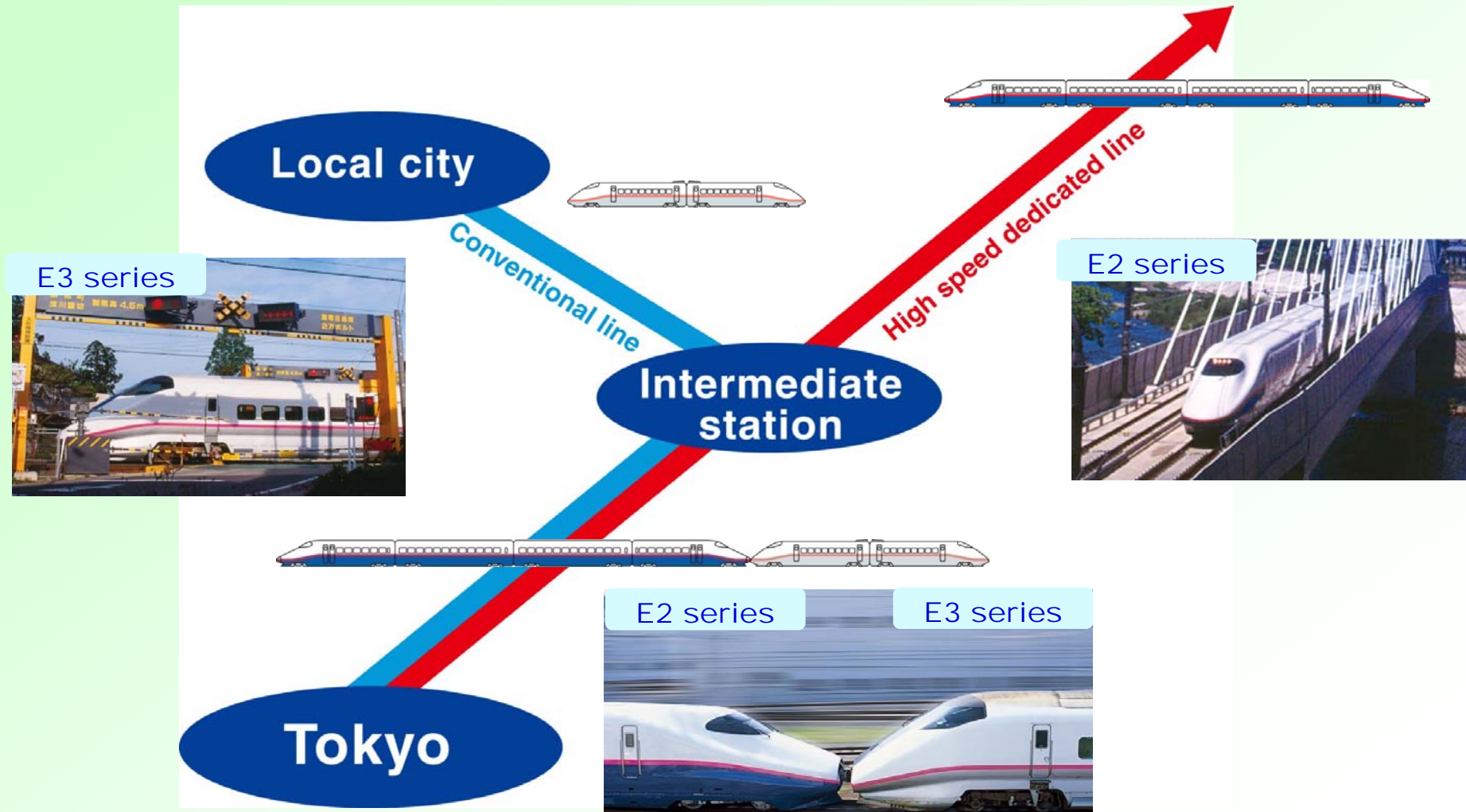
No. of seats : **1,634 seats**
(the world's largest high-speed train)



Characteristics of JR East Shinkansen

④ Through Service

Coupling & Uncoupling capability

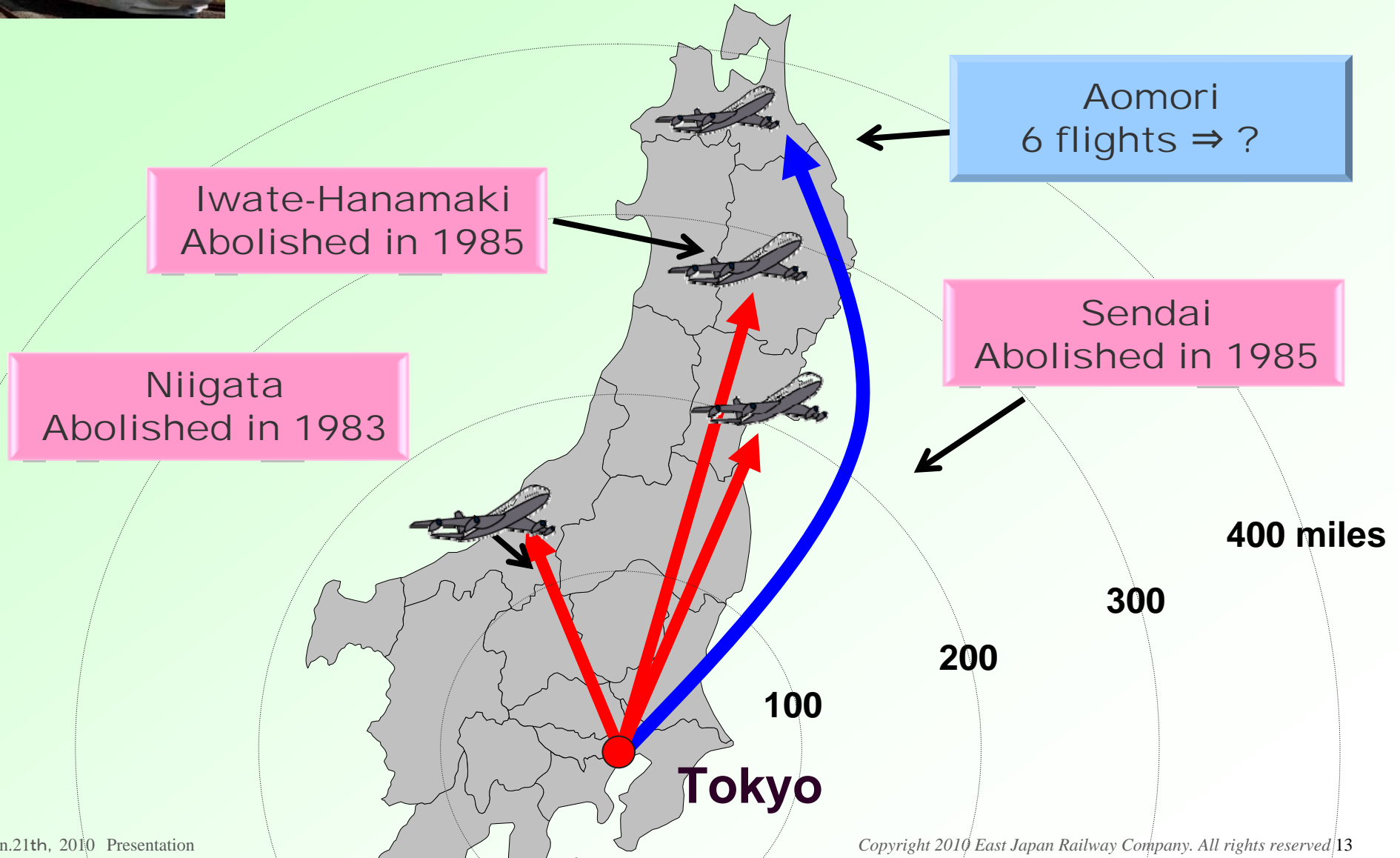


Impact on the Economy

Impact on the economy



Competition with Airlines



Impact on the economy

Shinkansen enhances commercial value of stations

Sendai Station

Before Shinkansen



Now

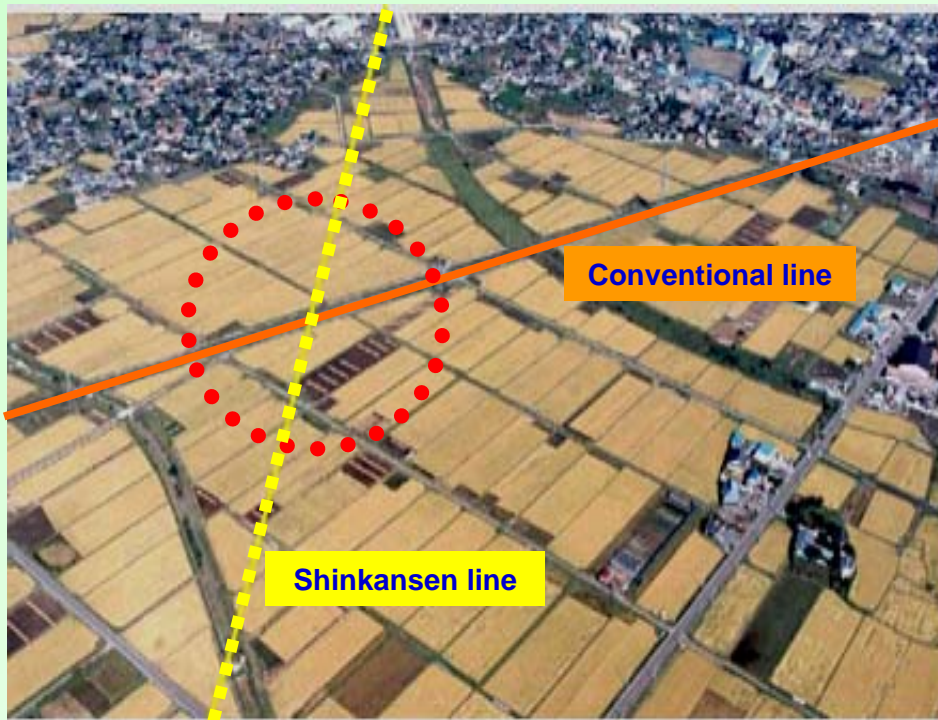


Impact on the economy

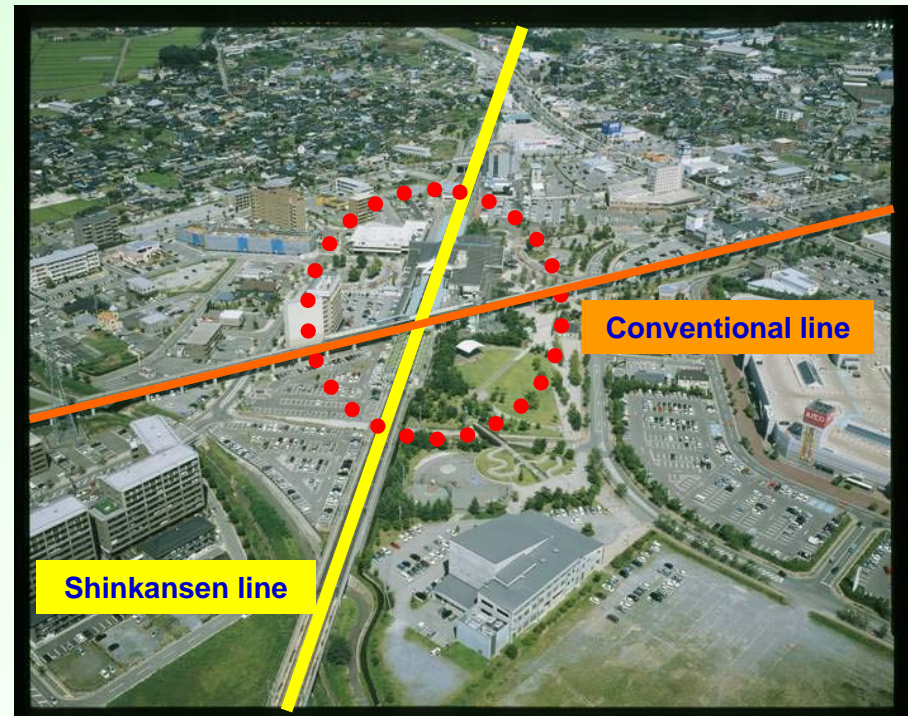
Impact on regional economy

Sakudaira Station

Before shinkansen



Now



Conclusion

