

Bullet Train/High-Speed Rail Market by Speed in Km/H (200–299, 300–399, Above 400), Track Length, Technology, Application, Propulsion (Electric & Dual), Component (Axle, Transformer, Traction Motor, Traction System), and Region - Global Forecast to 2025

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Abstracts

“The need for rapid mass transit to reduce traffic congestion and journey time is estimated to drive the bullet train/high-speed rail market.”

The bullet train/high-speed rail market, in terms of volume, is projected to grow at a CAGR of 5.54% from 2018 to 2025. The market is estimated to be 3,626 units in 2018 and is projected to reach 5,287 by 2025. The growth of this market is fueled by the rise in demand for mass rapid transit and approval of new HSR lines. However, high capital investment and operating costs of the high-speed rail network is inhibiting the growth of the bullet train/high-speed rail market.

“Increasing number of high-speed rail projects to drive the bullet train/high-speed rail market in Asia Pacific.”

Asia Pacific is expected to be the largest market for bullet train/high-speed rail. It is estimated to hold the largest market share, by volume, in 2018. This can be mainly attributed to the demand for high-speed trains for mass transit, thereby increasing the number of high-speed rail projects in the region. Chinese market in the region is estimated to dominate the bullet train/high-speed rail market due to its proposed projects to expand HSR lines and subsequently the fleet of a high-speed train.

“Growing demand for energy-efficient transport is a key driver for the growth of the electric propulsion segment market.”

The need for reducing carbon emissions results into the growing demand for energy-efficient transport for masses. Since electricity propels the bullet train/high-speed rails for operating at high-speed, it consumes considerably less energy as compared to alternate transporting modes. This factor is majorly responsible for the largest growth of electric propulsion for bullet trains/high-speed trains.

The study contains insights from various industry experts, ranging from component suppliers to Tier 1 companies and OEMs. The break-up of the primaries is as follows:

By Company Type: Tier 1 - 52 %, Tier 2 - 27%, Others - 21%

By Designation: C level - 47%, D level - 37%, Others - 16%

By Region: Asia Pacific - 28%, North America - 22%, Europe - 26%, Middle East – 10%, RoW - 14%,

The report provides detailed profiles of the following companies:

Bombardier (Canada)

Alstom (France)

Siemens (Germany)

Hitachi (Japan)

ABB (Switzerland)

Talgo (Spain)

CRRC (China)

Toshiba (Japan)

Kawasaki (Japan)

CAF (Spain)

Strukton (Netherlands)

Mitsubishi (Japan)

Research Coverage

The report covers the bullet train/high-speed rail market, in terms of volume (units). It explains the quantitative and qualitative aspects of the bullet train/high-speed rail market based on propulsion. The report covers the bullet train/high-speed rail based on Region (Asia Pacific, Europe, North America, Middle East, and Rest of the World), propulsion (diesel, electric and dual power), technology (wheel on rail and maglev), application (passenger and freight), speed (200–299 km/h, 300–399 km/h, 400–499 km/h, and above 500 km/h), and component (axle, wheelset, transformer, converter, traction system, traction motor, and pantograph).

Reasons to Buy the Report:

The report provides insights into the following points:

Market Penetration: The report provides comprehensive information on bullet train/high-speed rail market and the top players in the industry.

Market Development: The report provides comprehensive information on various technologies of bullet train/high-speed rail. The report analyzes the markets for various bullet train/high-speed rail technologies across different countries.

Market Diversification: The report provides exhaustive information about emerging technologies, recent developments, and investments in the global bullet train/high-speed train market.

Competitive Assessment: The report offers an in-depth assessment of strategies, services, and manufacturing capabilities of leading players in the global bullet train/high-speed train market.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 PACKAGE SIZE
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
- 2.2 SECONDARY DATA
 - 2.2.1 KEY DATA FROM SECONDARY SOURCES
- 2.3 PRIMARY DATA
 - 2.3.1 SAMPLING TECHNIQUES & DATA COLLECTION METHODS
 - 2.3.2 PRIMARY PARTICIPANTS
- 2.4 FACTOR ANALYSIS
 - 2.4.1 DEMAND-SIDE ANALYSIS
 - 2.4.1.1 Infrastructure: Rail Network
 - 2.4.1.2 Globalization resulted in increasing demand for high-speed rail
 - 2.4.2 SUPPLY SIDE ANALYSIS
 - 2.4.2.1 Technological advancement
- 2.5 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.6 MARKET SIZE ESTIMATION
 - 2.6.1 BOTTOM-UP APPROACH
 - 2.6.2 TOP-DOWN APPROACH
- 2.7 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE BULLET TRAIN/HIGH-SPEED RAIL MARKET

- 4.2 BULLET TRAIN/HIGH-SPEED RAIL MARKET SHARE, BY COUNTRY
- 4.3 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY PROPULSION
- 4.4 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY SPEED
- 4.5 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY TECHNOLOGY
- 4.6 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY APPLICATION
- 4.7 BULLET TRAIN/HIGH-SPEED RAIL MARKET FOR AUTOMOTIVE, BY REGION

5 MARKET OVERVIEW

- 5.1 INTRODUCTION
- 5.2 HIGH-SPEED RAIL NETWORK, BY COUNTRY
- 5.3 MARKET DYNAMICS
 - 5.3.1 DRIVERS
 - 5.3.1.1 Need to reduce traffic congestion and journey time
 - 5.3.1.2 Rise in demand for energy efficient transport
 - 5.3.2 RESTRAINTS
 - 5.3.2.1 High capital investment and operating costs of high-speed rail network
 - 5.3.3 OPPORTUNITIES
 - 5.3.3.1 Inclination of emerging countries towards high-speed train for rapid transit
 - 5.3.3.2 Increasing demand for comfort in transportation
 - 5.3.4 CHALLENGES
 - 5.3.4.1 Difficulties in acquiring land for high-speed train infrastructure
- 5.4 MACRO INDICATOR ANALYSIS
 - 5.4.1 INTRODUCTION
 - 5.4.1.1 Need for rapid mass transit through energy efficient transport
 - 5.4.1.2 GDP (USD billion)
 - 5.4.1.3 GNI per capita, Atlas Method (USD)
 - 5.4.1.4 GDP per capita PPP (USD)
 - 5.4.2 MACRO INDICATORS INFLUENCING THE BULLET TRAIN/HIGH-SPEED RAIL MARKET FOR TOP 3 COUNTRIES
 - 5.4.2.1 China
 - 5.4.2.2 France
 - 5.4.2.3 Japan

6 TECHNOLOGY OVERVIEW

- 6.1 HYPERLOOP - THE FUTURE OF TRANSPORTATION
- 6.2 ARTICULATED AND NON-ARTICULATED TRAIN
- 6.3 TILTING AND NON-TILTING TRAIN

6.4 AUTONOMOUS TRAIN

7 BULLET TRAIN/ HIGH-SPEED RAIL MARKET, BY APPLICATION

7.1 INTRODUCTION

7.2 PASSENGER

7.3 FREIGHT

8 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY COMPONENT

8.1 INTRODUCTION

8.2 AXLE

8.3 WHEEL SET

8.4 TRANSFORMER

8.5 CONVERTER

8.6 TRACTION MOTOR

8.7 TRACTION SYSTEM

8.8 PANTOGRAPH

9 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY PROPULSION

9.1 INTRODUCTION

9.2 DIESEL

9.3 ELECTRIC

9.4 DUAL

10 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY SPEED

10.1 INTRODUCTION

10.2 200–299 KMPH

10.3 300–399 KMPH

10.4 400–499 KMPH

10.5 ABOVE 500 KMPH

11 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY TECHNOLOGY

11.1 INTRODUCTION

11.2 WHEEL ON RAIL

11.3 MAGLEV

12 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY TRACK LENGTH

12.1 INTRODUCTION

12.2 CHINA

12.2.1 OPERATIONAL HIGH-SPEED RAIL IN CHINA

12.2.2 UNDER CONSTRUCTION HIGH-SPEED RAIL LINES IN CHINA

12.3 JAPAN

12.3.1 OPERATIONAL HIGH-SPEED RAIL IN JAPAN

12.3.2 UNDER CONSTRUCTION HIGH-SPEED RAIL LINES IN JAPAN

12.4 SOUTH KOREA

12.4.1 OPERATIONAL HIGH-SPEED RAIL IN SOUTH KOREA

12.4.2 UNDER CONSTRUCTION HIGH-SPEED RAIL LINES IN SOUTH KOREA

12.4.3 LONG TERM PLAN HIGH-SPEED RAIL LINES IN SOUTH KOREA

12.5 TURKEY

12.5.1 OPERATIONAL HIGH-SPEED RAIL IN TURKEY

12.5.2 UNDER CONSTRUCTION HIGH-SPEED RAIL LINES IN TURKEY

12.5.3 LONG TERM PLAN FOR HIGH-SPEED RAIL LINES IN TURKEY

12.6 FRANCE

12.6.1 OPERATIONAL HIGH-SPEED RAIL IN FRANCE

12.6.2 UNDER CONSTRUCTION HIGH-SPEED RAIL TRAIN LINES IN FRANCE

12.6.3 LONG TERM PLAN FOR HIGH-SPEED RAIL LINES IN FRANCE

12.7 GERMANY

12.7.1 OPERATIONAL HIGH-SPEED RAIL IN GERMANY

12.7.2 UNDER CONSTRUCTION HIGH-SPEED RAIL LINES IN GERMANY

12.7.3 LONG TERM PLAN FOR HIGH-SPEED RAIL LINES IN GERMANY

12.8 ITALY

12.8.1 OPERATIONAL HIGH-SPEED RAIL IN ITALY

12.8.2 UNDER CONSTRUCTION HIGH-SPEED RAIL LINES IN ITALY

12.8.3 LONG TERM PLAN FOR HIGH-SPEED RAIL LINES IN ITALY

12.9 SPAIN

12.9.1 OPERATIONAL HIGH-SPEED RAIL IN SPAIN

12.9.2 UNDER CONSTRUCTION HIGH-SPEED RAIL LINES IN SPAIN

12.9.3 LONG TERM PLAN FOR HIGH-SPEED RAIL LINES IN SPAIN

12.10 UK

12.10.1 OPERATIONAL HIGH-SPEED RAIL IN THE UK

12.10.2 LONG TERM PLAN FOR HIGH-SPEED RAIL LINES IN THE UK

12.11 US

12.11.1 OPERATIONAL HIGH-SPEED RAIL IN THE US

- 12.11.2 UNDER CONSTRUCTION HIGH-SPEED RAIL LINES IN THE US
- 12.11.3 LONG TERM PLAN FOR HIGH-SPEED RAIL LINES IN THE US

13 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY REGION

- 13.1 INTRODUCTION
- 13.2 ASIA PACIFIC
 - 13.2.1 CHINA
 - 13.2.2 INDIA
 - 13.2.3 JAPAN
 - 13.2.4 SOUTH KOREA
 - 13.2.5 TURKEY
 - 13.2.6 AUSTRALIA
- 13.3 EUROPE
 - 13.3.1 GERMANY
 - 13.3.2 FRANCE
 - 13.3.3 ITALY
 - 13.3.4 SPAIN
 - 13.3.5 UK
- 13.4 NORTH AMERICA
 - 13.4.1 CANADA
 - 13.4.2 MEXICO
 - 13.4.3 US
- 13.5 REST OF THE WORLD
 - 13.5.1 BRAZIL
 - 13.5.2 RUSSIA
- 13.6 MIDDLE EAST
 - 13.6.1 SAUDI ARABIA
 - 13.6.2 EGYPT

14 COMPETITIVE LANDSCAPE

- 14.1 OVERVIEW
- 14.2 MARKET RANKING ANALYSIS
- 14.3 COMPETITIVE SCENARIO
 - 14.3.1 NEW PRODUCT DEVELOPMENTS
 - 14.3.2 MERGERS & ACQUISITIONS
 - 14.3.3 PARTNERSHIPS/SUPPLY CONTRACTS/COLLABORATIONS/JOINT VENTURES/LICENSE AGREEMENTS

14.3.4 EXPANSIONS

15 COMPANY PROFILES

(Business overview, Products offered, Recent Developments, SWOT analysis, MNM view)*

15.1 BOMBARDIER

15.2 ALSTOM

15.3 SIEMENS

15.4 HITACHI

15.5 ABB

15.6 CRRC

15.7 TALGO

15.8 KAWASAKI

15.9 TOSHIBA

15.10 MITSUBISHI

15.11 CAF

15.12 STRUKTON

*Details on Business overview, Products offered, Recent Developments, SWOT analysis, MNM view might not be captured in case of unlisted companies.

16 APPENDIX

16.1 KEY INSIGHTS OF INDUSTRY EXPERTS

16.2 DISCUSSION GUIDE

16.3 AVAILABLE CUSTOMIZATIONS

16.4 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

16.5 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE

16.6 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 CURRENCY EXCHANGE RATES (W.R.T. USD)

Table 2 HIGH-SPEED RAIL MARKET SNAPSHOT

Table 3 OPERATIONAL HIGH-SPEED RAIL NETWORK - SPAIN

Table 4 OPERATIONAL HIGH-SPEED RAIL NETWORK – FRANCE

Table 5 OPERATIONAL HIGH-SPEED RAIL NETWORK – JAPAN

Table 6 CHINA: RISING GNI PER CAPITA IS EXPECTED TO DRIVE THE INCREASING RIDERSHIP OF HIGH-SPEED TRAIN DURING THE FORECAST PERIOD

Table 7 FRANCE: RISING GDP IS LIKELY TO HAVE A HIGH IMPACT ON HIGH-SPEED TRAIN SALES

Table 8 JAPAN: INCREASING GNI IS EXPECTED TO PLAY A CRUCIAL ROLE IN BOOSTING THE HIGH-SPEED RAIL MARKET

Table 9 HIGH-SPEED RAIL MARKET SIZE, BY APPLICATION, 2016–2025 (UNITS)

Table 10 PASSENGER: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 11 FREIGHT: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 12 HIGH-SPEED RAIL MARKET SIZE, BY COMPONENT, 2016–2025 (UNITS)

Table 13 AXLE: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 14 WHEEL SET: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 15 TRANSFORMER: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 16 CONVERTER: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 17 TRACTION MOTOR: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 18 TRACTION SYSTEM: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 19 PANTOGRAPH: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 20 HIGH-SPEED RAIL MARKET SIZE, BY PROPULSION, 2016–2025 (UNITS)

Table 21 DIESEL: HIGH-SPEED TRAIN MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 22 ELECTRIC: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025

(UNITS)

Table 23 DUAL: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 24 HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 25 200–299KMPH: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 26 300–399 KMPH: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 27 400–499 KMPH: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 28 ABOVE 500 KMPH: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 29 HIGH-SPEED RAIL MARKET SIZE, BY TECHNOLOGY, 2016–2025 (UNITS)

Table 30 WHEEL ON RAIL: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 31 MAGLEV: HIGH-SPEED RAIL MARKET SIZE, BY REGION, 2016–2025 (UNITS)

Table 32 HIGH-SPEED RAIL MARKET, BY REGION, 2016–2025 (UNITS)

Table 33 ASIA PACIFIC: HIGH-SPEED RAIL MARKET, BY COUNTRY, 2016–2025 (UNITS)

Table 34 CHINA: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 35 INDIA: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 36 JAPAN: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 37 SOUTH KOREA: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 38 TURKEY: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 39 EUROPE: HIGH-SPEED RAIL MARKET, BY COUNTRY, 2016–2025 (UNITS)

Table 40 GERMANY: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 41 FRANCE: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 42 ITALY: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 43 SPAIN: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 44 UK: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 45 NORTH AMERICA: HIGH-SPEED RAIL MARKET, BY COUNTRY, 2016–2025 (UNITS)

Table 46 CANADA: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 47 MEXICO: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025

(UNITS)

Table 48 US: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 49 ROW: HIGH-SPEED RAIL MARKET, BY COUNTRY, 2016–2025 (UNITS)

Table 50 BRAZIL: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 51 RUSSIA: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025

(UNITS)

Table 52 MIDDLE EAST: HIGH-SPEED RAIL MARKET, BY COUNTRY, 2016–2025

(UNITS)

Table 53 SAUDI ARABIA: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025

(UNITS)

Table 54 EGYPT: HIGH-SPEED RAIL MARKET SIZE, BY SPEED, 2016–2025 (UNITS)

Table 55 NEW PRODUCT DEVELOPMENT, 2015–2017

Table 56 MERGERS & ACQUISITIONS, 2017

Table 57 PARTNERSHIPS/SUPPLY CONTRACTS/COLLABORATIONS/JOINT VENTURES/AGREEMENTS, 2017

Table 58 EXPANSIONS, 2016–2017

List Of Figures

LIST OF FIGURES

Figure 1 HIGH-SPEED RAIL MARKET: RESEARCH DESIGN

Figure 2 BREAKDOWN OF PRIMARY INTERVIEWS

Figure 3 HIGH-SPEED RAIL NETWORK, 2016

Figure 4 DATA TRIANGULATION

Figure 5 HIGH-SPEED RAIL MARKET: BOTTOM-UP APPROACH

Figure 6 HIGH-SPEED RAIL MARKET: TOP-DOWN APPROACH

Figure 7 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY PROPULSION (2018 VS 2025)

Figure 8 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY SPEED (2018 VS 2025)

Figure 9 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY COMPONENT (2018 VS 2025)

Figure 10 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY TECHNOLOGY (2018 VS 2025)

Figure 11 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY APPLICATION (2018 VS 2025)

Figure 12 BULLET TRAIN/HIGH-SPEED RAIL MARKET, BY REGION (2018 VS 2025)

Figure 13 NEED TO REDUCE TRAFFIC CONGESTION AND JOURNEY TIME IS LIKELY TO BOOST THE GROWTH OF THE BULLET TRAIN/HIGH-SPEED RAIL MARKET FROM 2018 TO 2025

Figure 14 RUSSIA IS ESTIMATED TO BE THE FASTEST GROWING MARKET FOR BULLET TRAIN/HIGH-SPEED RAIL FROM 2018 TO 2025

Figure 15 ELECTRIC PROPULSION SEGMENT OF BULLET TRAIN/HIGH-SPEED RAIL MARKET TO HAVE THE LARGEST MARKET SIZE BY 2025

Figure 16 300 KMPH TO 399 KMPH SPEED SEGMENT TO HAVE THE LARGEST SHARE OF BULLET TRAIN/HIGH-SPEED RAIL MARKET, 2018 VS. 2025

Figure 17 WHEEL-ON-RAIL SEGMENT TO HAVE THE LARGEST SHARE OF BULLET TRAIN/HIGH-SPEED RAIL MARKET, 2018 VS. 2025

Figure 18 PASSENGER BULLET TRAIN/HIGH-SPEED RAIL TO HOLD THE LARGEST SHARE OF BULLET TRAIN/HIGH-SPEED RAIL MARKET, 2018 VS. 2025 (UNITS)

Figure 19 ASIA PACIFIC TO BE THE LARGEST MARKET FOR BULLET TRAIN/HIGH-SPEED RAIL, 2018 VS. 2025

Figure 20 HIGH-SPEED RAIL: MARKET DYNAMICS

Figure 21 CARBON DIOXIDE & ENERGY CONSUMPTION FROM MADRID TO BARCELONA

Figure 22 HIGH-SPEED TRAIN RAIL, BY APPLICATION, 2018 VS. 2025 (UNITS)

Figure 23 PASSENGER: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS. 2025 (UNITS)

Figure 24 FREIGHT: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS. 2025 (UNITS)

Figure 25 HIGH-SPEED RAIL MARKET, BY COMPONENT, 2018 VS. 2025 (UNITS)

Figure 26 AXLE: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS. 2025 (UNITS)

Figure 27 WHEEL SET: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS. 2025 (UNITS)

Figure 28 TRANSFORMER: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS. 2025 (UNITS)

Figure 29 CONVERTER: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS. 2025 (UNITS)

Figure 30 TRACTION MOTOR: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS. 2025 (UNITS)

Figure 31 TRACTION SYSTEM: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS. 2025 (UNITS)

Figure 32 PANTOGRAPH: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS. 2025 (UNITS)

Figure 33 HIGH-SPEED RAIL MARKET, BY PROPULSION, 2018 VS 2025 (UNITS)

Figure 34 DIESEL: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS 2025 (UNITS)

Figure 35 ELECTRIC: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS 2025 (UNITS)

Figure 36 DUAL: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS 2025 (UNITS)

Figure 37 HIGH-SPEED RAIL MARKET, BY SPEED, 2018 VS. 2025 (UNITS)

Figure 38 200–299KMPH: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS. 2025 (UNITS)

Figure 39 300–399 KMPH: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS. 2025 (UNITS)

Figure 40 400–499 KMPH: HIGH-SPEED RAIL MARKET, BY SPEED, 2018 VS. 2025 (UNITS)

Figure 41 ABOVE 500 KMPH: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS. 2025 (UNITS)

Figure 42 HIGH-SPEED RAIL MARKET, BY TECHNOLOGY, 2018 VS. 2025 (UNITS)

Figure 43 WHEEL ON RAIL: HIGH-SPEED RAIL MARKET, BY REGION, 2018 VS. 2025 (UNITS)

Figure 44 RUSSIA IS ESTIMATED TO BE THE FASTEST-GROWING MARKET FOR HIGH-SPEED RAIL DURING THE FORECAST PERIOD (2018–2025)

Figure 45 ASIA PACIFIC: HIGH-SPEED RAIL MARKET SNAPSHOT

Figure 46 CHINA: HIGH-SPEED RAIL MARKET, BY SPEED, 2018 VS 2025 (UNITS)

Figure 47 JAPAN: HIGH-SPEED RAIL MARKET, BY SPEED, 2018 VS 2025 (UNITS)

Figure 48 SOUTH KOREA: HIGH-SPEED RAIL MARKET, BY SPEED, 2018 VS 2025 (UNITS)

Figure 49 EUROPE: HIGH-SPEED RAIL MARKET SNAPSHOT

Figure 50 GERMANY: HIGH-SPEED RAIL MARKET, BY SPEED, 2018 VS 2025 (UNITS)

Figure 51 FRANCE: HIGH-SPEED RAIL MARKET, BY SPEED, 2018 VS 2025 (UNITS)

Figure 52 ITALY: HIGH-SPEED RAIL MARKET, BY SPEED, 2018 VS 2025 (UNITS)

Figure 53 SPAIN: HIGH-SPEED RAIL MARKET, BY SPEED, 2018 VS 2025 (UNITS)

Figure 54 NORTH AMERICA: HIGH-SPEED RAIL MARKET, BY COUNTRY, 2018–2025 (UNITS)

Figure 55 US: HIGH-SPEED RAIL MARKET, BY SPEED, 2018 VS 2025 (UNITS)

Figure 56 ROW: HIGH-SPEED RAIL MARKET, 2018 VS 2025 (UNITS)

Figure 57 RUSSIA: HIGH-SPEED RAIL MARKET, BY SPEED, 2018 VS 2025 (UNITS)

Figure 58 MIDDLE EAST: HIGH-SPEED RAIL MARKET, 2018 VS 2025 (UNITS)

Figure 59 SAUDI ARABIA: HIGH-SPEED RAIL MARKET, BY SPEED, 2018 VS 2025 (UNITS)

Figure 60 KEY DEVELOPMENTS BY LEADING PLAYERS IN THE BULLET TRAIN/ HIGH-SPEED RAIL MARKET, 2015–2018

Figure 61 BULLET TRAIN/HIGH-SPEED RAIL MARKET RANKING: 2017

Figure 62 COMPANY SNAPSHOT: BOMBARDIER

Figure 63 BOMBARDIER: SWOT ANALYSIS

Figure 64 COMPANY SNAPSHOT: ALSTOM

Figure 65 ALSTOM: SWOT ANALYSIS

Figure 66 COMPANY SNAPSHOT: SIEMENS

Figure 67 SIEMENS: SWOT ANALYSIS

Figure 68 COMPANY SNAPSHOT: HITACHI

Figure 69 HITACHI: SWOT ANALYSIS

Figure 70 COMPANY SNAPSHOT: ABB

Figure 71 ABB: SWOT ANALYSIS

Figure 72 COMPANY SNAPSHOT: CRRC

Figure 73 COMPANY SNAPSHOT: TALGO

Figure 74 COMPANY SNAPSHOT: KAWASAKI

Figure 75 COMPANY SNAPSHOT: TOSHIBA

Figure 76 COMPANY SNAPSHOT: MITSUBISHI

Figure 77 COMPANY SNAPSHOT: CAF

Figure 78 COMPANY SNAPSHOT: STRUKTON

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