



Next Generation Rail Supply Chain Connectivity Forum

The Climate is Right for Trains

**Chicago, Illinois
Tuesday, February 14, 2012**

BOMBARDIER

Bombardier Transportation

- The Global Leader in the supply of passenger rail equipment
- Broadest product portfolio
- *ECO4* technologies for more sustainable mobility
- Worldwide installed base of 100,000+ vehicles; over 5,200 passenger rail vehicles in the US
- Revenues US\$ 9.1 bn¹
- Order backlog US\$ 33.5 bn²

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ECO4 is a trademark of Bombardier Inc. or its subsidiaries.

¹ for fiscal year ended January 31, 2011; ² as of January 31, 2011

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Our Products and Solutions

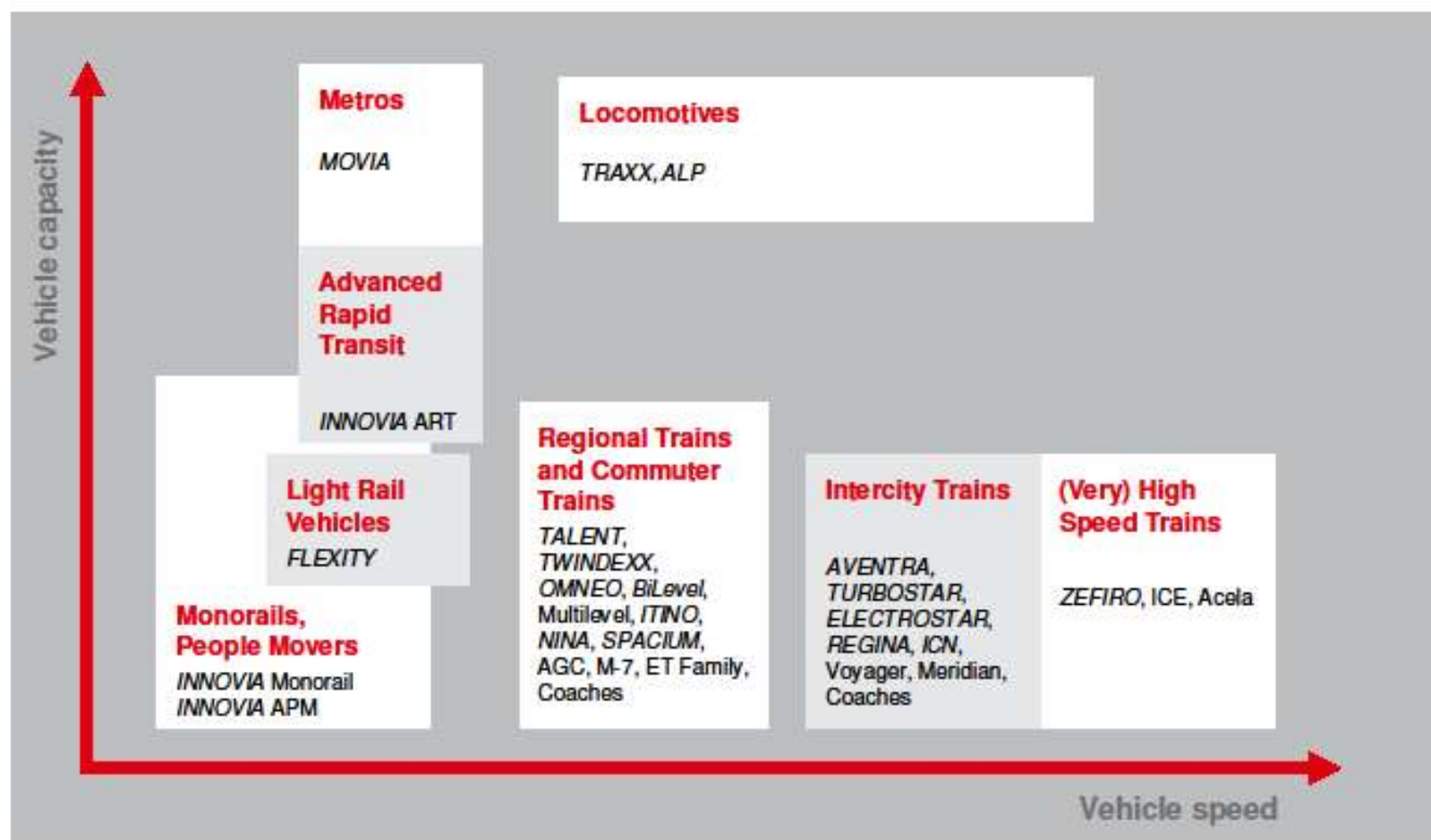
The Broadest Portfolio in the Rail Industry

Rail Vehicles	Transportation Systems	Services	Rail Control Solutions	Propulsion & Controls	Bogies
					
<ul style="list-style-type: none"> ▪ Intercity trains ▪ High speed trains ▪ Locomotives ▪ Light rail vehicles ▪ Metros ▪ Commuter trains ▪ Regional trains 	<ul style="list-style-type: none"> ▪ Intercity systems ▪ Monorail systems ▪ APM systems ▪ Light rail systems ▪ ART systems ▪ Metro systems ▪ Transit Security 	<ul style="list-style-type: none"> ▪ Fleet management ▪ Operations & maintenance ▪ Material solutions ▪ Vehicle refurbishment ▪ Component reengineering 	<ul style="list-style-type: none"> ▪ Integrated control systems ▪ Automatic train protection and operation ▪ Interlocking systems ▪ Wayside equipment ▪ Services 	<ul style="list-style-type: none"> ▪ Traction converters ▪ Auxiliary converters ▪ Traction drives ▪ Control and communication 	<ul style="list-style-type: none"> ▪ Portfolio to match entire range of rail vehicles ▪ Full scope of service over the lifetime of a bogie

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Our Products and Solutions

A Full Spectrum of Rail Vehicles



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Our Products and Solutions

Excel in Intercity and High Speed Rail

Responsible for over 1,000 trains and vehicles for high speed applications worldwide. As sole supplier or in partnership.



ACELA USA

ETR500 Italy

THALYS F/D/B/NL

TGV France

EUROSTAR France/UK

BM71 Norway

REGINA Sweden

X2000 Sweden

XinShisu China

CRH1 China *

ICE-T/TD Germany

ICE3 Germany

ICE1/2 Germany

ICV Switzerland

AVE S-130 Spain

AVE S-102 Spain

ZEFIRO Sleeper China *

V300 ZEFIRO Italy **

ZEFIRO 380 China *

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* Manufactured by Bombardier Sifang Power (Qingdao) Transportation Ltd.

** Manufactured in cooperation with a strategic partner.

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Bombardier in the United States



▼ Government Affairs Office

AEROSPACE

- Manufacturing Site
- Service Center
- ★ Business Unit Headquarters
- ◆ Business Aircraft Training Center
- ▲ Parts Distribution Center

RAIL TRANSPORTATION

- Manufacturing / Equipment Refurbishment Site
- Fleet Operations, Maintenance and Service Delivery Center
- ▲ Parts Distribution Center

Bombardier Transportation North America

Production Facility: Plattsburgh, NY, USA

- **Manufacturing in operation since 1995 and Testing since 1999**
 - More than 2,400 cars delivered
- **Designated as a Rolling Stock Center of Excellence for Final Assembly & Test**
- **Total area**
 - Manufacturing: 147,439 sq.ft
 - Testing: 22,000 sq.ft
 - Electrical Sub-Assembly: 36,710 sq.ft
- **Certifications**
 - Plant Certifications: ISO 9001:2008, ISO 14001:2004, OHSAS 18001
 - Staff Certifications: CQM; AWS/NDT Level II; APICS; Six Sigma



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Bombardier Transportation North America

Some USA contracts...

- **Metros**
 - Chicago
- **Light Rail Vehicles**
 - Minneapolis
- **Commuter Rail**
 - New York
- **BiLevel Cars**
 - 11 cities/regions
- **MultiLevel Vehicles**
 - New Jersey
- **Amtrak Acela Express**
 - Northeast Corridor



US Locomotive Platform (ALP)



Commuter/High Speed

ALP-46/46A

Market

- Electric traction
- Commuter + IHST

Speed

- 100/125 mph

Operating:

- 29 units at NJT

In delivery

- 36 units for NJT



Dual Powered **ALP-45DP**

Market

- Electric + diesel traction
- Commuter
- Incremental high speed

Speed

- 125 mph

In delivery

- 26 units for NJT
- 20 units for AMT



Diesel-electric **ALP-45DE***

Market

- Diesel traction
- Commuter
- Intercity, Incremental high speed

Speed

- 100/125 mph

* Starting 2012-2013

Being a Bombardier Supplier

Supplier Qualification Website:

http://www2.bombardier.com/en/1_0/supplier_preselection/form.html



Complete the Form

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