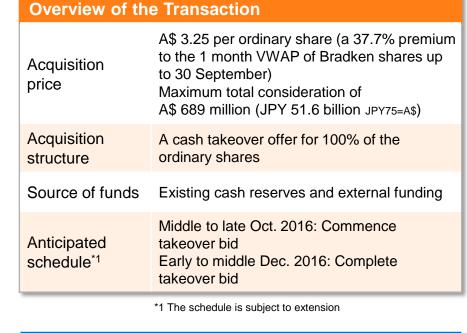
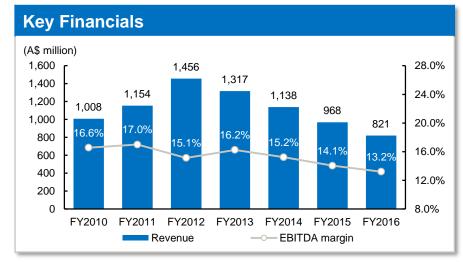
# **Acquisition of Bradken**



Hitachi Construction Machinery Co., Ltd. Yuichi Tsujimoto, President and Chief Executive Officer

Overview of Bradken	
Name	Bradken Limited
Business	Casting, manufacturing and distribution service of casting products
Representative	Paul Zuckerman (CEO)
Headquarters	Newcastle (NSW), Australia
Established	1922
No. of employees	Almost 3,500
Stock listing	Australian Stock Exchange (ASX: BKN)

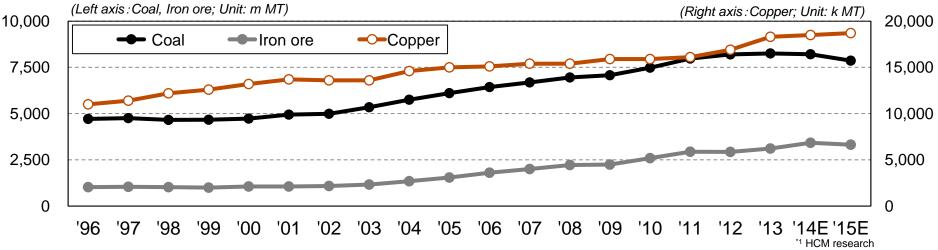






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## Global production of coal & iron ore & copper (1996~)\*1



#### **Industry Trends**

 $\Diamond$ 

Recovery in the demand for mining equipment (medium/long-term)

- Growth market in the medium to longterm
- Increase in customers' needs: improvement in safety and productivity, decrease in life-cycle cost
  - Differentiate by providing value added solutions to customers' challenges
- Innovation led by ICT · IoT
  - Accelerate innovation in production and operating sites

#### **Strategic Rationale of the Acquisition**



Enhance value chain through strengthening of mining wear parts with GET \*2 as a core



Broaden global customer coverage through acquisition of Bradken, the leading mining wear parts brand



Create higher value-added products/services by combining superior technology, product capability and business know-how

GET(Ground Engaging Tools): broadly refers to consumables such as bucket tooth



#### Mining wear parts business



High-precision wear parts for

mobile mining equipment

Revenue: A\$228.4mm

% total revenue: 27.8%



# Wear surface solutions for fixed plant mining equipment

Revenue: A\$349.5mm % total revenue: 42.6%

#### Global leader in crawler systems, GET

- Crawler systems
- GET
- Industrial product for infrastructure

## ✓ Global leader in metallic mill liners

- Metallic mill liners
- Wear surface solutions
- Pipes for oil sands business

#### **Specialty castings business**



# High-spec, specialty castings for the industrial, energy and defence industries

Revenue: A\$227.2mm % total revenue: 27.7%

### Customized specialty castings

 Customized castings for US military, power plants, energy and construction

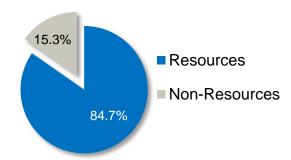
<sup>\*</sup> Revenue and % Total Revenue based on 2016/6A.
In addition to these three businesses, Bradken's total revenue includes Cast Metal Services (A\$13.9 mm, 1.7%), Others (A\$1.6mm, 0.2%).

## Overview of Bradken~Revenue Breakdown~

HITACHI

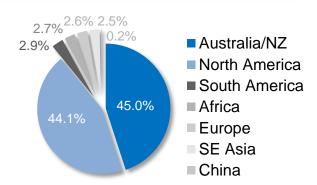
Reliable solutions

#### **REVENUE BY INDUSTRY SECTOR**



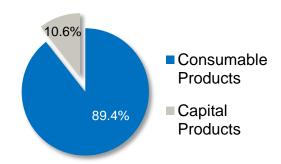
Strong presence in the resources sector

#### **REVENUE BY REGION**



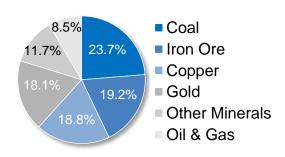
✓ Strong presence in Australia and North America

#### **REVENUE BY PRODUCT**



Consumable products account for c. 90% of total revenue

#### **REVENUE BY COMMODITY**



✓ Well-balanced exposure to commodities

#### Core Products for Bradken

#### Mining wear parts business







**Crawler systems** 



Ground Engaging Tools



Rail couplers and spare parts



Customised mill liners



Wear surface solutions for processing plants



Live, remote wear monitoring technology

#### **Specialty castings business**





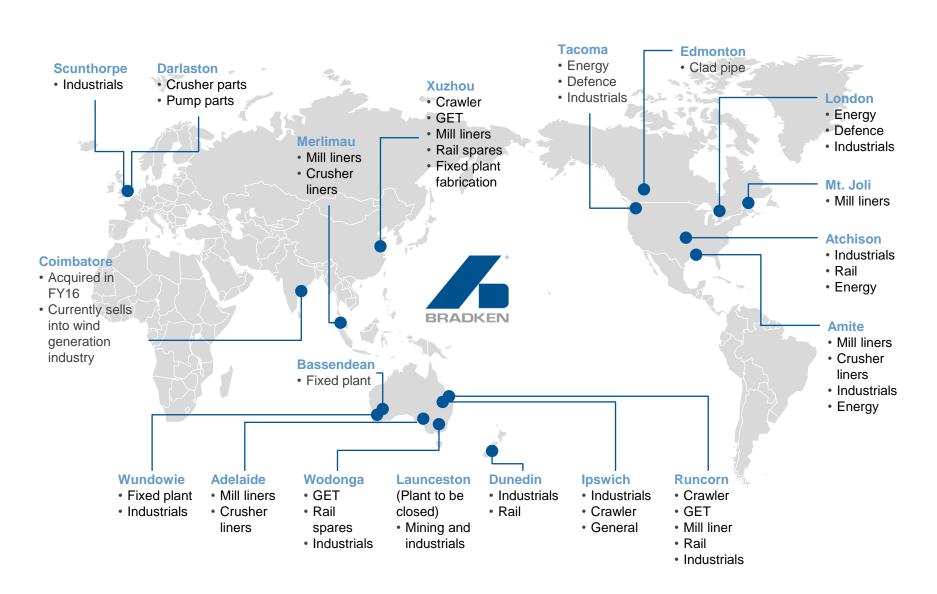
Industrial



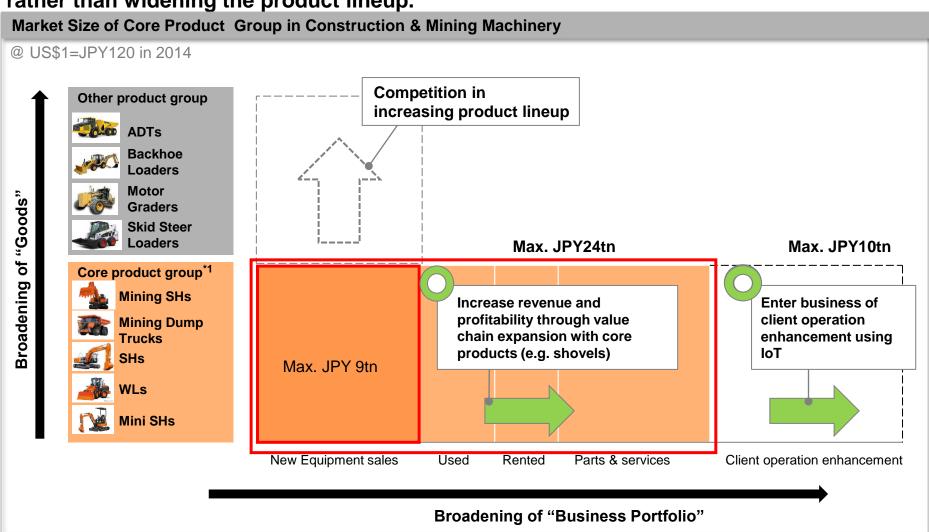
Energy



**Defence** 



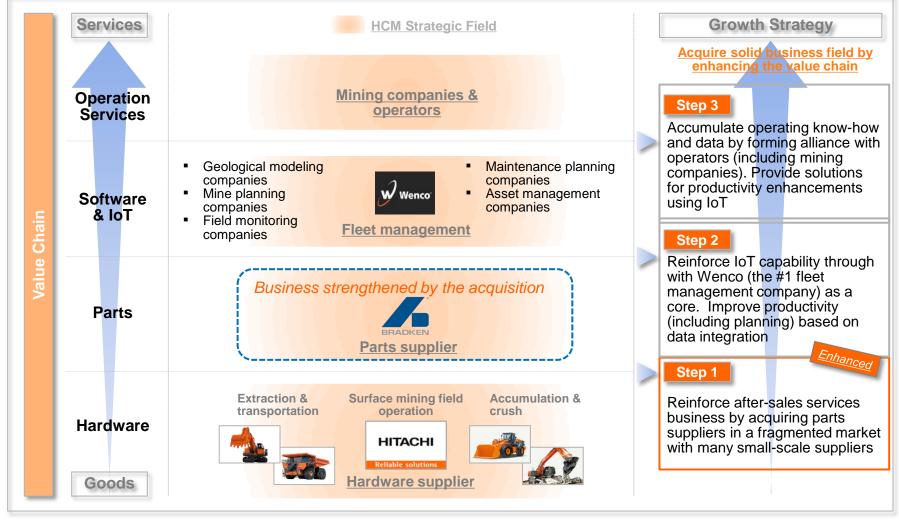
The potential market size will double through initiatives to develop the entire value chain, rather than widening the product lineup.



<sup>&</sup>lt;sup>\*</sup>1: Mining shovels, mining RDTs, mini shovels, wheel loaders, medium-sized shovels

Source: Off-Highway, Freedonia, Company Reports, IRN, Expert Interview, Team Analysis, Parkerbay, Capital IQ

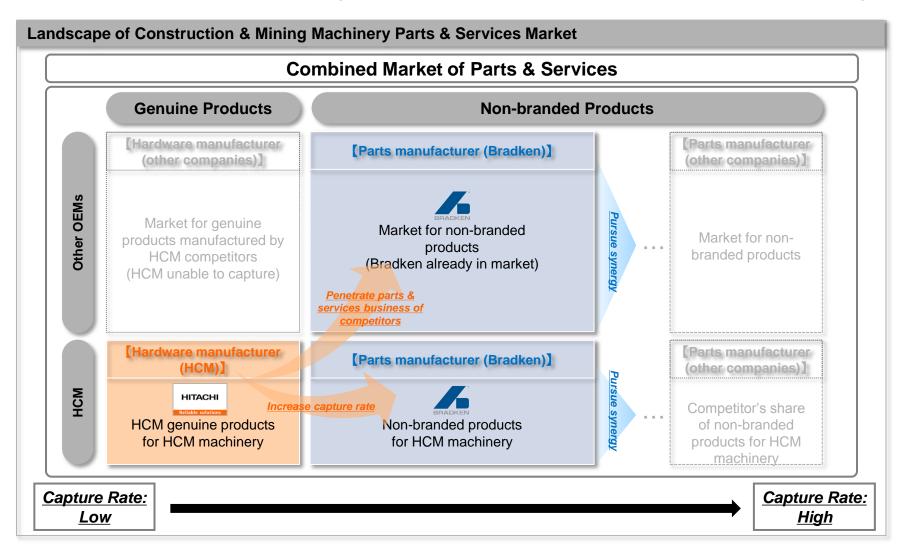
The acquisition of Bradken will enable HCM to provide comprehensive solutions for client productivity enhancements; a stronger after-sales business with Bradken at its core service parts supplier and effective utilization of software and IoT.



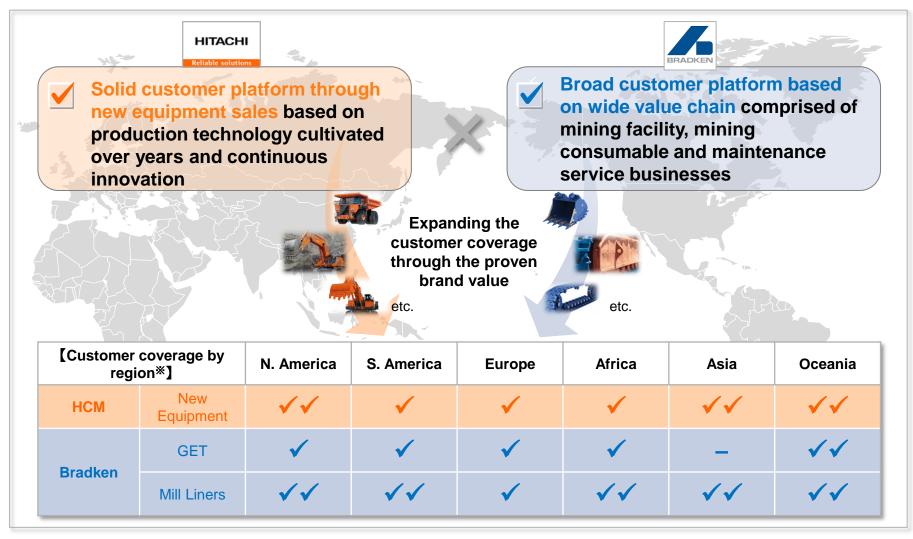
# Anticipated Synergies (1): Enhancement of Value Chain through Reinforcement of the Mining Wear Parts Business

Reliable solutions

The acquisition of Bradken will not only raise the capture rate of mining wear parts used in our own construction machinery, but also raise those in our competitors' machinery.



# Expansion of global customer coverage through the combination of the HCM and Bradken brands



<sup>\*</sup> HCM: Based on the operating unit shares of operating mining equipment. Bradken: Based on units implied by market share by revenue

### Combining Superior Technology, Product Capability and Operational Know-How







**Go Together 2013** 

**GROW TOGETHER2016** 

Step 3

**Encourage Growth and** Seeds for the next

Innovative change for the continuous profitable constitution

Seeds for Growth

**Growth Strategy (Strategic** enhancement)

- Wheel Loaders
- Dump trucks
- Parts & Service
- R & D
- Business Structural Reform
- Cost Structural Reform
- Restructuring of Production
- SCM Reform

Simultaneous