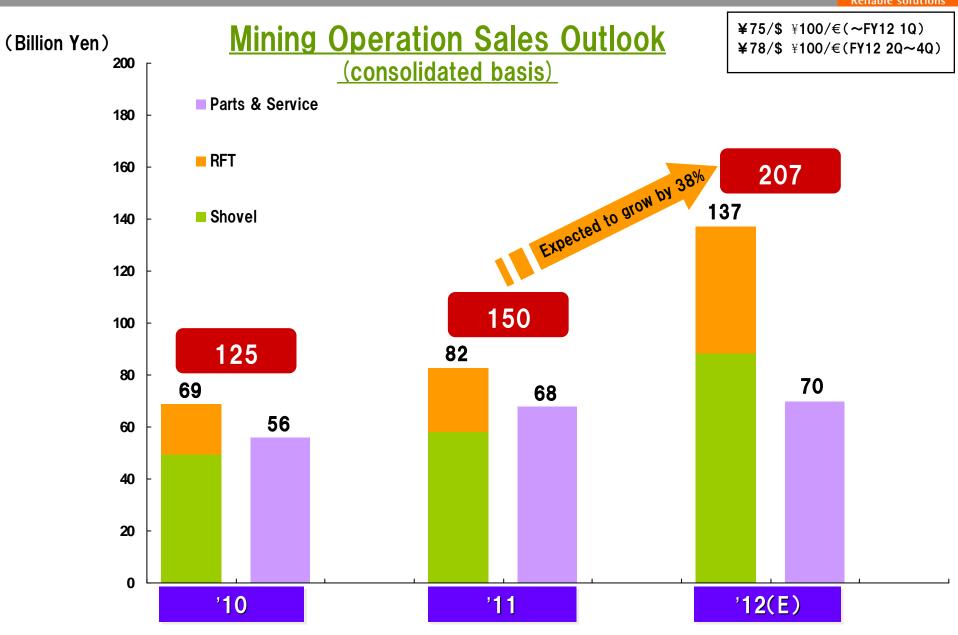


Sales Outlook (Shovel/Truck/Parts/Service)

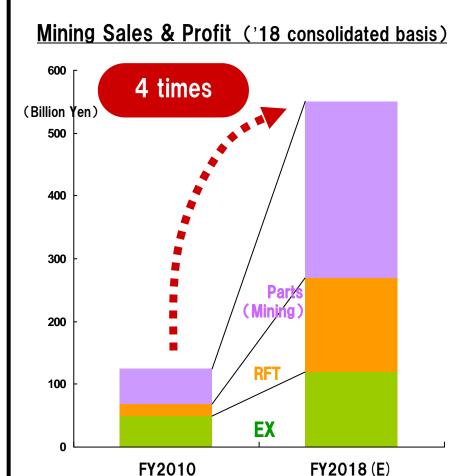


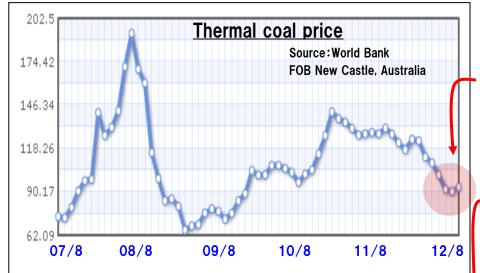


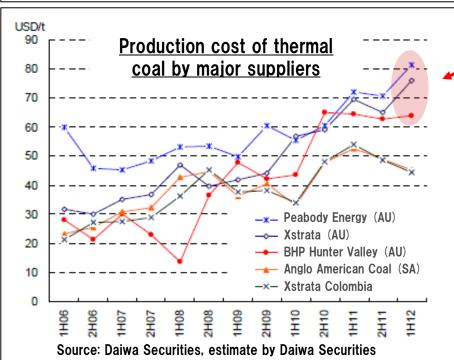
◆Mining market is dominated by 4 major players

HITACHI LIEBHERR 4 Major players **KOMATSU** CAT

With Hitachi hi-tech truck, we plan to expand our sales worldwide







◆Price of Thermal Coal

Price of thermal coal seems to hit the bottom. It is still weak but there is a sign of rebound.

Estimated cost of production by Australian suppliers is approx. US\$70-80 which is squeezing their profit whereas the cost of Colombian and S. African coal is around US\$50 which brings them reasonable profit.

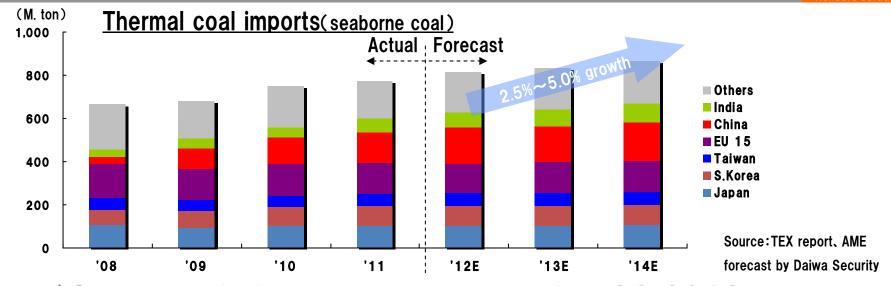
◆Outlook

Recent mass investments in suppliers made the supply shortage situation to a balanced situation. The balance may gradually start to rebound to a shortage of supply in 2H 2013.

China has increased their purchase of coal by 9% on month to month basis due to coming high winter season demand for energy.

Germany has emerged for burning coal due to power price increase.

deliable solutions

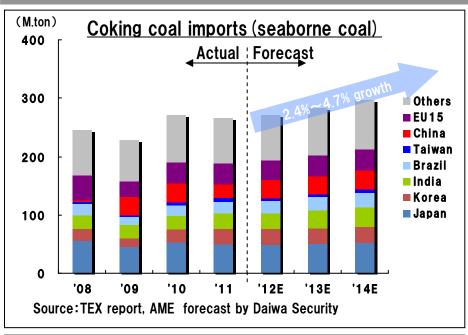


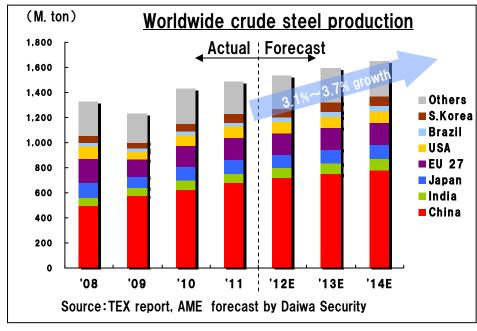
◆Increases in inventory may ease after Q2 2013

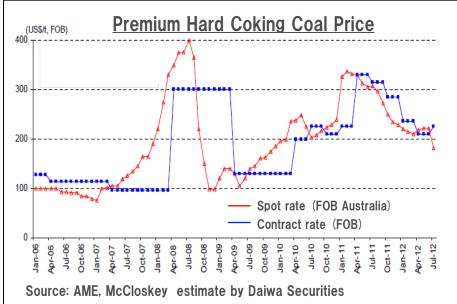
The impact of shale gas made US suppliers to export and extensive investments by global players also brought excess in supplies. A slow down in Chinese economy eased the balance in demand & supply in '12. However, Australian coal still has power to determine the coal price due to its quality. Current price of US\$90 is considered as bottom as their production cost is in a range of US\$70-80.

Chinese economy on the other hand seems to seek for a soft landing but looking at the seriousness of electricity supply, coal demand would naturally increase gradually from Q2 2013 Hitachi Construction Machinery Co., Ltd. 2012. All rights reserved.

Coking Coal Outlook







Outlook on coking coal

<Imports>

Expected to grow by 2.4% to 4.7% annually

<Crude Steel Production>

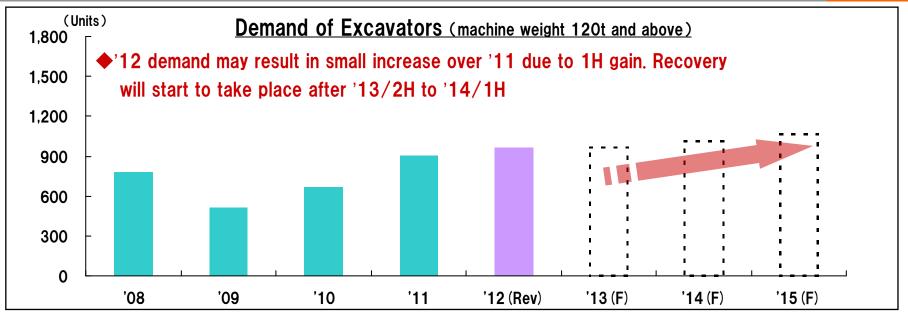
Expected to grow by 3.1% to 3.7% annually

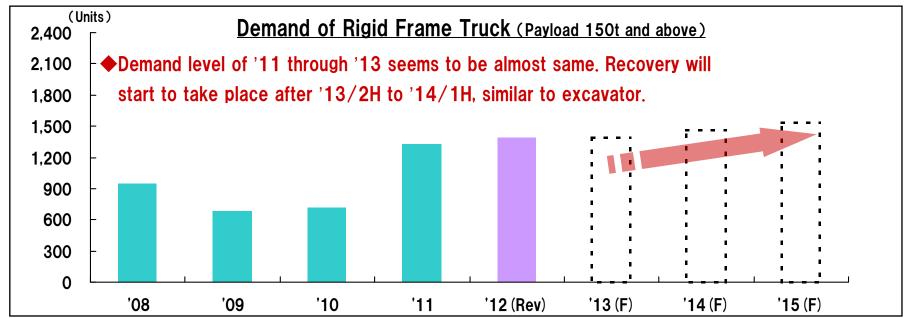
<Coking Coal Price>

Current trend is same as thermal coal and expected to rebound after 2Q 2013

Market Outlook on Mining Equipment

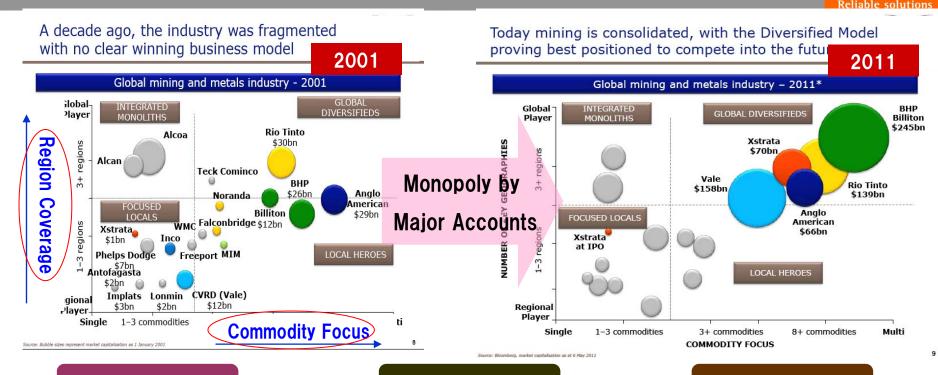
Reliable solutions





A Paradigm Shift in Major Mining Houses

HITACHI



Major Accounts

BHP B (Australia)
VALE (Brazil)
Rio Tinto (Australia)
Anglo American (England)
XSTRATA (Switzerland)

Local Heroes

KPC (Indonesia)
ADARO (Indonesia)
BUMA (Indonesia)
PAMA (Indonesia)
Adani (Australia)
Coal India (India)
Shenhua (China)

SUEK (Russia)
Banpu (Thailand)

Contractors

THIESS (Indonesia/Australia)
LEIGHTON (Australia)
PAMA (Indonesia)

Introduction of New Products/Technologies(Differentiation) 1

HITACHI

(290t)

New products

◆EX2600-6/5600-6:Feb.2012 on Sale Increased Bkt Capacity, Enhanced Engine and pump

◆EH5000AC-3:Sep 2012 Display@Minexpo Proto type Hitachi AC Drive, 3rd Generation Hitachi Drive System

●EX8000 BH type

◆EX8000-6 Line-up of BH front :2012 end

Electric Shovels

♦Line-up of EX-6 Electric Models EX2600~8000-6E:2012 Full Line-up EX1900-6E:2013 end

● (RFT)Trolley Trucks

◆EH3500ACII Trolley: Started Operation Mar 2012

Line-up of Hitachi AC Drive Trucks

EH3500ACII EH4000ACII EH5000AC-3 (190t) (240t) Aug.'08 on Sale Nov.'10 on Sale Jun'12 EXW



Evolution to AC-3 Models

Line-up of Electric Shovels

| | FY'12 | FY'13 |
|-----------|------------|-------|
| EX1900-6E | | Δ |
| EX2600-6E | EXW | |
| EX3600-6E | On Sale | |
| EX5600-6E | | |
| EX8000-6E | A | |

EH3500ACII Trolley Truck started operation in FQM. Zambia

*First Hitachi Trolley Truck 24 units ordered



New Products / New Technology

- Mining Trucks
 - Trolley Assist
 - New Hitachi Drive Control System
- SkyAngle (viewing monitor)
- Autonomous Trucks
- Remote Control ~ Autonomous Excavators

Trolley Assist – Operation Video

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TROLLEY ASSIST PROGRAM

First EH3500ACII trolley truck started test-run in March 2012 in Zambia, and released in July 2012



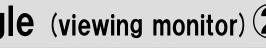
- Jointly developed by HCM & Clarion Co. Ltd. in Hitachi group
- Monitoring system to support and enhance operator safety checks surrounding machinery
- Released in October 2012 on dump trucks as an optional, and plans to release on ultra large hydraulic excavators on 2013





4 x Camera Mounting Positions



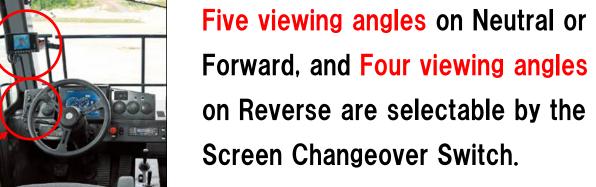




Camera Monitor



Screen Changeover Switch.





Autonomous Dump Truck System Overview





The End

Hitachi Construction Machinery Co., Ltd. Mining Operations Group



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