



asean
SUSTAINABLE
BUSINESS LEADER



Dow Jones Sustainability Indexes

2012 & 2011: **Global Sector Leader (Building Materials & Fixtures)**

2012 - 2008: **Ranked Gold Class**

2004: **Member since**

Ranking by RobecoSAM (Switzerland)

Bangkok - Thailand Focus 2013
August 29

Toronto, Boston, New York - NDR
September 3-6

- ***Strategy & Key points***
- ***Sustainability***
- ***Business Updates***
- ***Financials***
- ***Appendix***

Cement – Building Materials:

- **Cement plant in Myanmar: 1.8 MT green-field (12,400 MB or \$410 M).**
- *Cement plant in Indonesia: 1.8 MT green-field (11,000 MB or \$370 M).*
- *Second cement line in Cambodia: 0.9 MT expansion (5,500 MB \$185 M).*
- *Ceramic Tiles (Vietnam): 85% stake M&A, 75 Mill sqm. (7,200 MB or \$240 M).*
- *JV in temperature-controlled logistics with Nichirei Logistics Group.*
- *Increased stake in sanitary ware and fitting assets: (2,600 MB or \$90 M).*
 - *71.4% stake (from 35.7%) in Siam Sanitary Ware.*
 - *90.6% stake (from 44.8%) in Siam Sanitary Fittings.*
- *MG Stone Slabs: 400,000 sqm. green-field (1,500 MB or \$50 M).*
- *Roofing business: purchase shares from Monier Group (650 MB or \$22 M).*

Paper:

- *Packaging paper in Thailand: 400,000 tons brown-field (6,700 MB or \$220 M).*
- *Box plant in Thailand: 75% stake M&A, 121,000 tons (888 MB or \$30 M).*

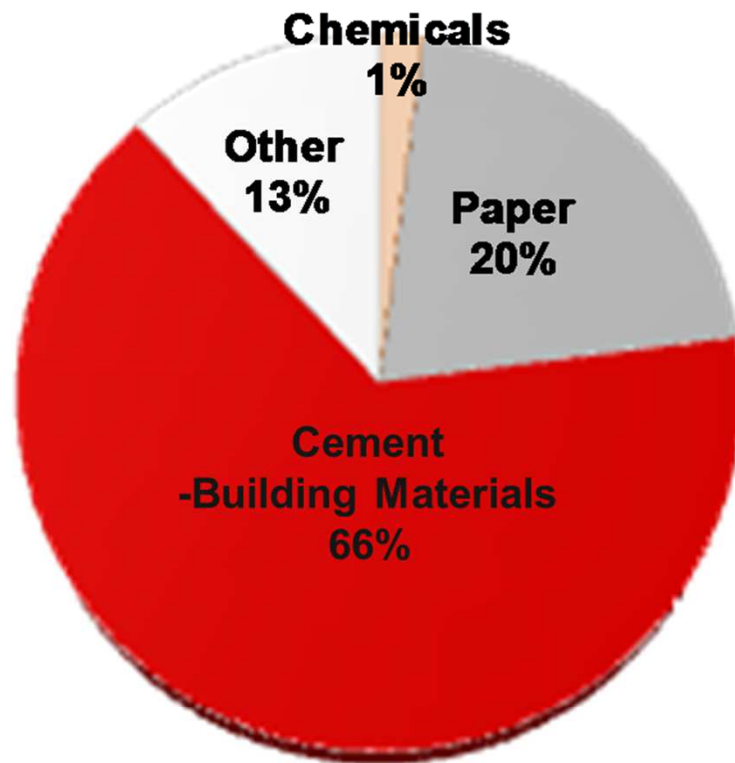
Chemicals:

- *LDPE coating grade (HVA) of 60,000 tons, totaling 152,000 tons per year. Production is expected to commence by mid-2016 in Thailand.*

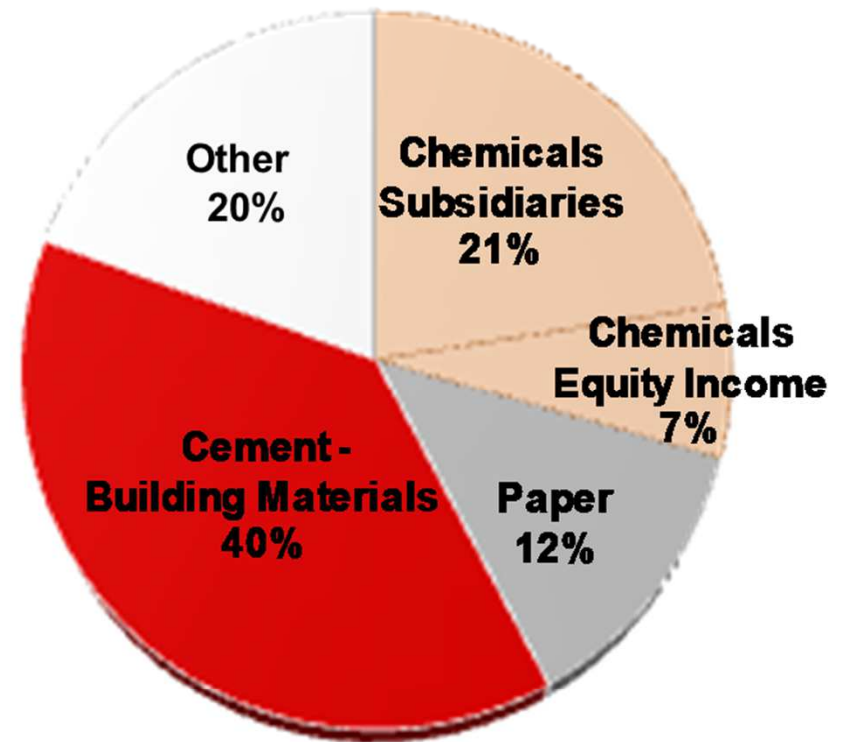
Net profit segment

SCG Cement – Building Materials were 40% of H1/13 earnings.

H1/12
10,252 MB



H1/13
18,720 MB (+83% y-o-y)



Other = Mainly SCG Investment and Corporate

GROWTH

- 1) Expansion in *ASEAN*
- 2) *High Value Added products & services (HVA)*

DISCIPLINED

"Cash return on investment" hurdle of 15%

"Dividend payout" policy of 40-50%

Past

- Mostly green field
- Mostly Thailand
- Cash-flow financed

Current

- *M&A & Green field*
- *Mostly ASEAN*
- Cash-flow financed
- Cash on hand of 40,381 MB

...ASEAN expansion of core businesses

ASEAN assets = 64,400 MB
(\$2.1 Billion or 15% of SCG's assets)

SCG's staffs in ASEAN = 14,902 staffs
(31% of total staffs)



Myanmar (1996)

Total Assets \$4 Mil

- Cement – Building Materials



Vietnam (1996)

Total Assets \$630 Mil

- Cement – Building Materials
- Chemicals
- Paper



Laos & Cambodia (1994)

Total Assets \$160 Mil

- Cement
- Cement – Building Materials



Philippines (1993)

Total Assets \$250 Mil

- Paper
- Cement – Building Materials



Malaysia & Singapore (1996)

Total Assets \$22Mil

- Packaging Paper (Box)
- Cement – Building Materials



Indonesia (1996)

Total Assets \$1,077 Mil

- Chemicals
- Cement – Building Materials

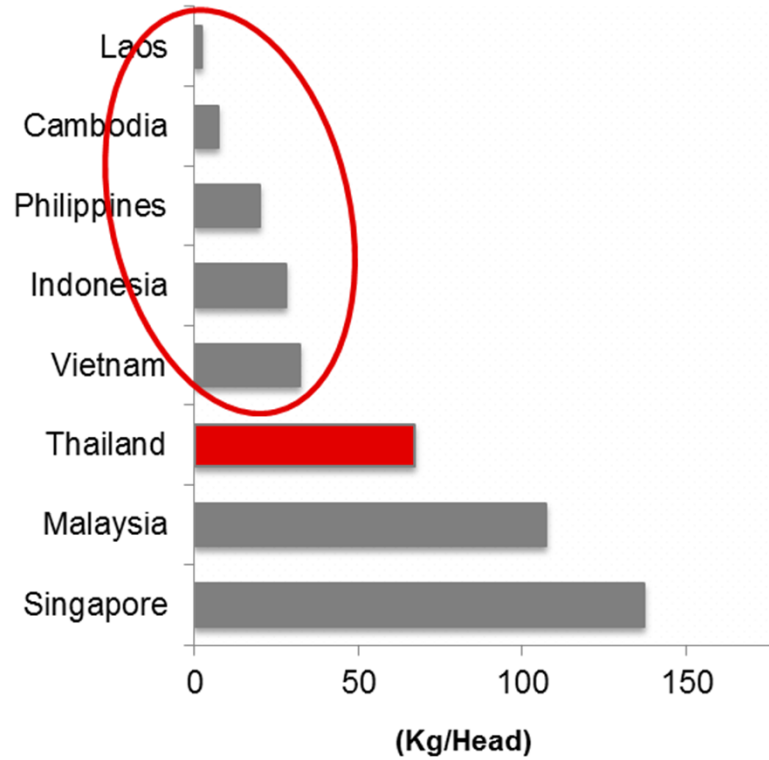
	<u>Thailand</u>	<u>ASEAN</u>
Downstream Chemicals <i>7.2 million tons</i>	1	1
Packaging Paper <i>1.9 million tons</i>	1	1
Cement <i>24 million tons</i>	1	2
Ceramic tiles <i>225 million sqm.</i>	1	1

ASEAN's low consumption per capita

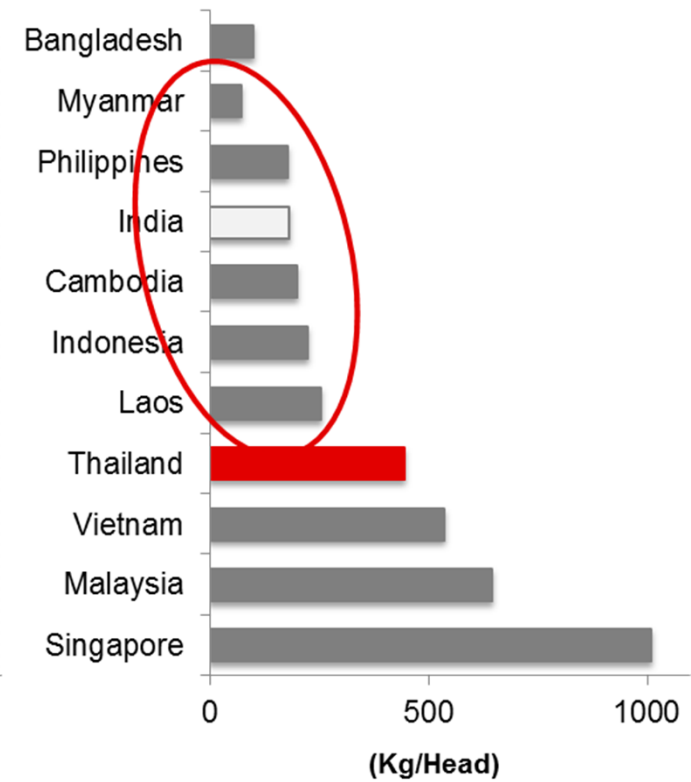
Plastic



Paper



Cement



Note: as of Dec/12

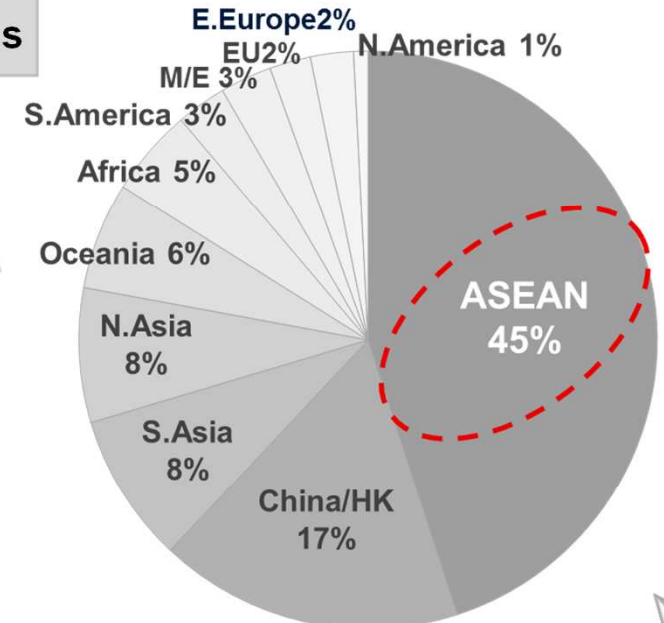
Export destinations in H1/13

ASEAN destinations were 45% of the exports from Thailand.

Revenue from Sales



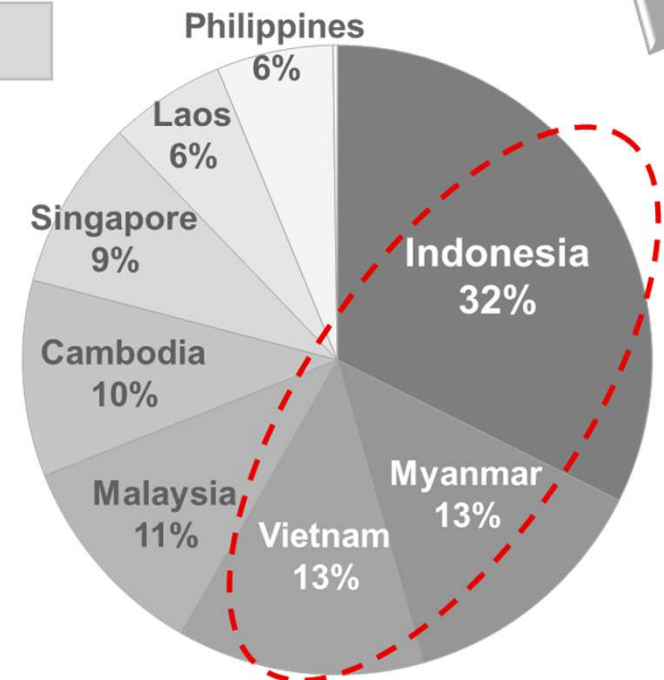
Export Destinations



Sales from ASEAN Operations



Export to ASEAN





Current:

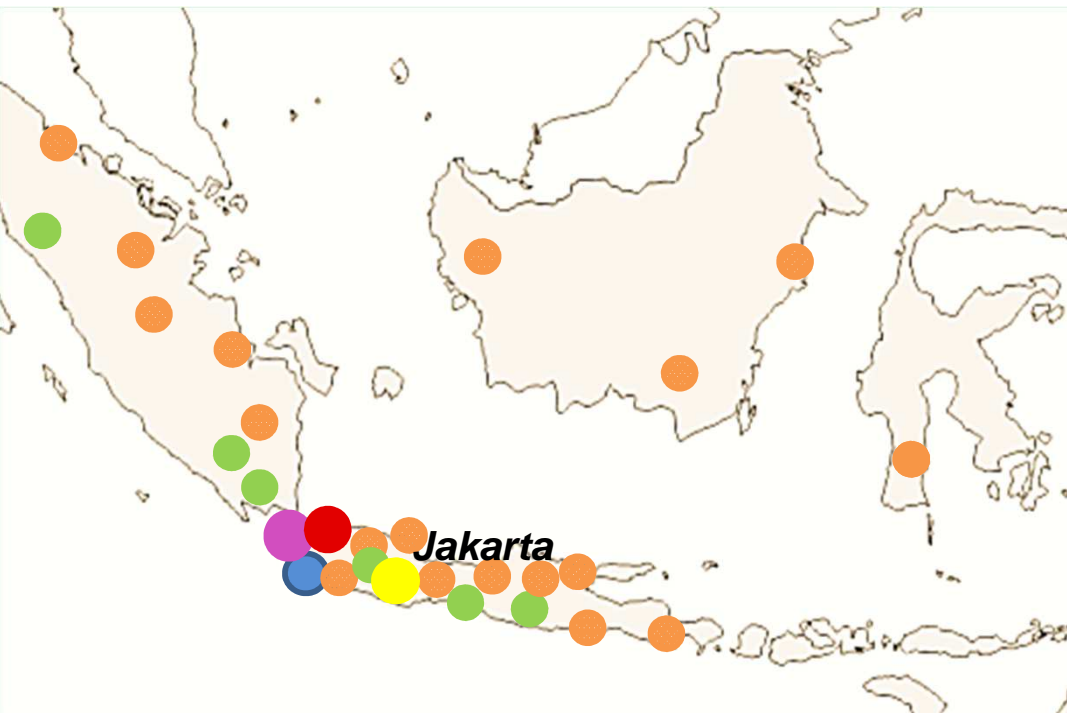
Assets: 32,332 MB (\$1,077 Mill)

Total Sales: 12,268 MB (FY2012)

Total Export from Thailand: 13,258 MB (FY2012)

Operations: (staffs-6,091)

- **Chemicals:** PVC, chemicals complex (30%)
- **Cement – Building Materials:** RMC, ceramics, roofing, and trading.
- Investment offices



Investments since Q1/11:

- **Cement plant** - Oct/12 (11,000 MB)
Greenfield / majority stake
1.8 MT/ mid-2015 start
- **Ready-mixed concrete (RMC)** - Feb/12 (4,300 MB)
M&A / 100% stake
2.2 mill cubic metre of RMC
concrete pipes, precast concrete, quarries, limestone
- **Distribution: Kokoh**
M&A / 99% stake
22 distribution centre,
+10,000 point of sales. } Jun/11 (3,100 MB)
- **Ceramic tiles: KIA**
M&A / 94% stake / 27 mill sqm.
- **Lightweight concrete block** - May/12 (1,250 MB)
Green field / 100% stake
6 mill sqm / Q1/14 start
- **Chemicals Complex: Chandra Asri** – Sep/11 (13,500 MB)
M&A / 30% stake / Ethylene 600 KTA,
Downstream operations, port and pipe facilities.

Future plans:

Debottleneck - Chandra Asri chemicals complex
M&A opportunities - all existing businesses



Current:

Assets: 18,965 MB (\$630 Mill)

Total Sales: 10,100 MB (FY2012)

Total Export from Thailand: 6,448 MB (FY2012)

Operations: (staffs-6,458)

- **Chemicals:** PVC, PP compound
- **Paper:** packaging paper, box plant
- **Cement – Building Materials:** RMC, ceramic tiles, roofing, trading, and product showroom
- Investment offices



Investments since Q1/11:

- **Ceramic tiles (Prime Group)** - Dec/12 (7,200 MB)
M&A / 85% stake / 75 mill sqm.
clay roofing plant and raw materials reserved.
- **White cement grinding plant (Buu Long)** - Jan/12 (200 MB)
M&A / 99% stake / 200,000 tons
- **Chemicals (PVC pipe)** - Mar/12 (1,200 MB)
M&A / 20-30% stake in local pipe makers
150,000 tons
- **Box plant (Alcamax)** – Jan/11 (750 MB)
M&A / 69% stake / 53,000 tons

Future plans:

Chemicals: Integrated Complex

- Green-field / \$4.5 Bn
- JV with QPI (Qatar) and Vietnamese partners
- Flex-feed cracker

M&A opportunities – all existing businesses



Myanmar

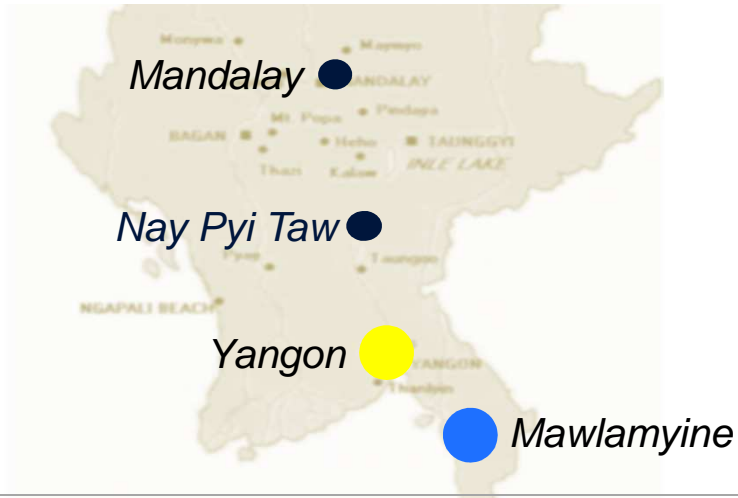
Current:

Assets: 130 MB (\$4 Mill)

Total Export from Thailand: 6,599 MB (FY2012)

Operations:

- Cement-Building Materials: RMC and trading office



- **Cement plant** – Aug/13 (12,400 MB)
Greenfield / majority stake
1.8 MT/ mid-2016 start

Future plans:

Investment opportunities – logistics and others



Philippines

Ceramics: Mariwasa - Mar/12 (150 MB)

- Increased stake to 83% from 46% / 12 mill sqm.



Cambodia

Cement expansion - Oct/12 (5,500 MB)

- Greenfield 0.9 mill tons / mid-15 start



Cement – Building Materials

- Greenfield **MG Stone Slabs** (400,000 tons), start-up in 2015. (HVA) *July/13 (1,500 MB)*
- Purchased shares from Monier Group. *July/13 (650 MB)*
- Share repurchase from **TOTO group** in sanitary ware (to 71.4% from 35.7%) and fitting assets (to 90.6% from 44.8%). *May/13 (2,600 MB)*
- JV in temperature-controlled logistics with Nichirei Logistics Group. (HVA) *Apr/13 (575MB)*
- Retail business with a 30% stake in “**Siam Global House PLC.**” *Oct/12 (~10,000 MB)*
- Increased mortar capacity by 50% to 3.1 million tons. (HVA) *July/12 (1,000 MB)*
- Increased modular home capacity (JV with Sekisui Heim). (HVA) *May/11 (2,900 MB)*

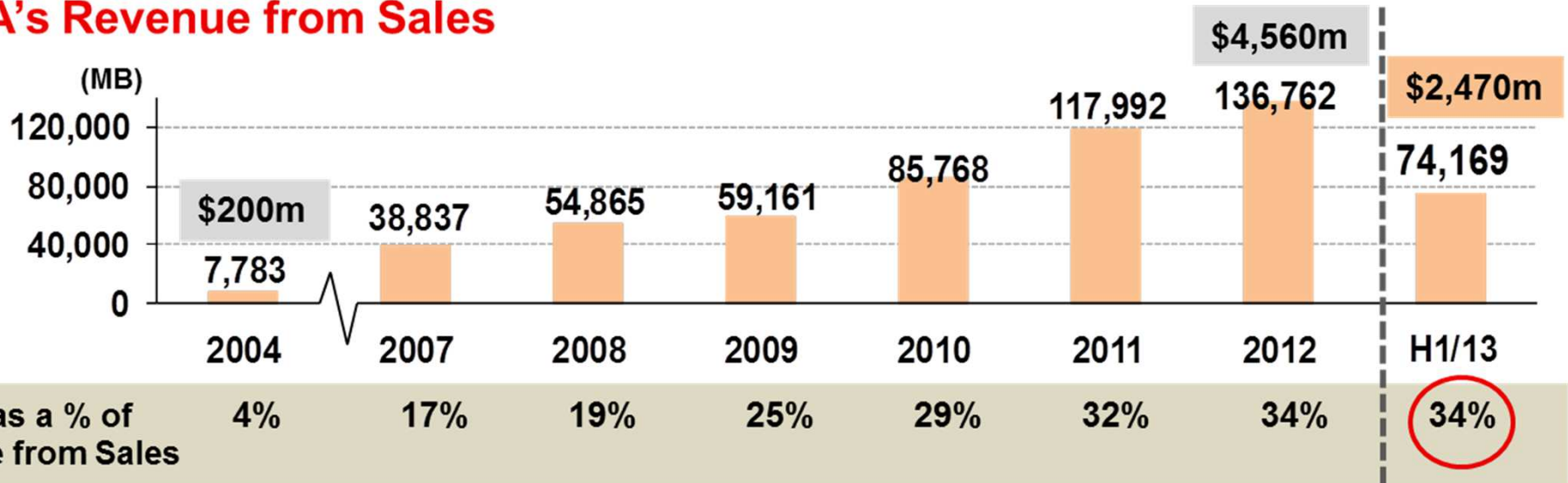
Paper

- M&A (75% stake) of two box plants (capacity of 121,000 tons). *May/13 (888 MB)*
- Greenfield **Packaging Paper** (400,000 tons), start-up within 2014 *Oct/12 (6,700 MB)*
- Greenfield **Machine Glazed Paper** (43,000 tons), 45% JV with Nippon Paper Group. (HVA) *Jun/12 (2,200 MB)*
- Upgrade existing pulp facilities to produce **Dissolving Grade Pulp.** (HVA) *July/12 (400 MB)*
- M&A of box plant (Tawana - capacity of 61,000 tons). *Mar/12 (410 MB)*

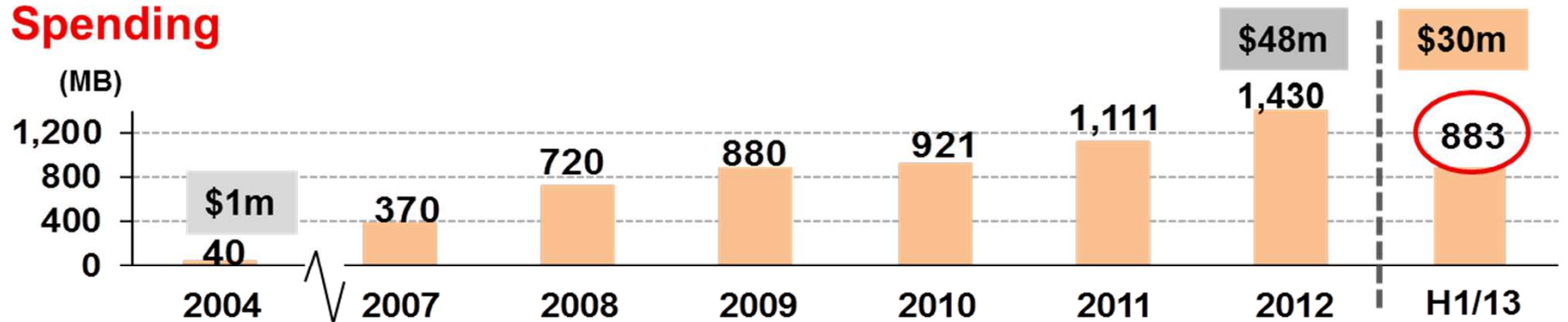
Chemicals

- **LDPE coating grade** of 60,000 tons, totaling 152,000 tons per year. Production is expected to commence by mid-2016. (HVA) *Apr/13 (2,475 MB)*
- Greenfield LLDPE cast sheet film (15,000 tons), 45% JV with Mitsui Chemicals Tohcello. (HVA) *Mar/12 (1,400 MB)*
- Increased stake in Thai Plastic and Chemicals to 91% (from 46%). *Mar/12 (11,500 MB)*

1. HVA's Revenue from Sales



2. R&D Spending



3. R&D and Product Design Team

(staffs / Jun/13)



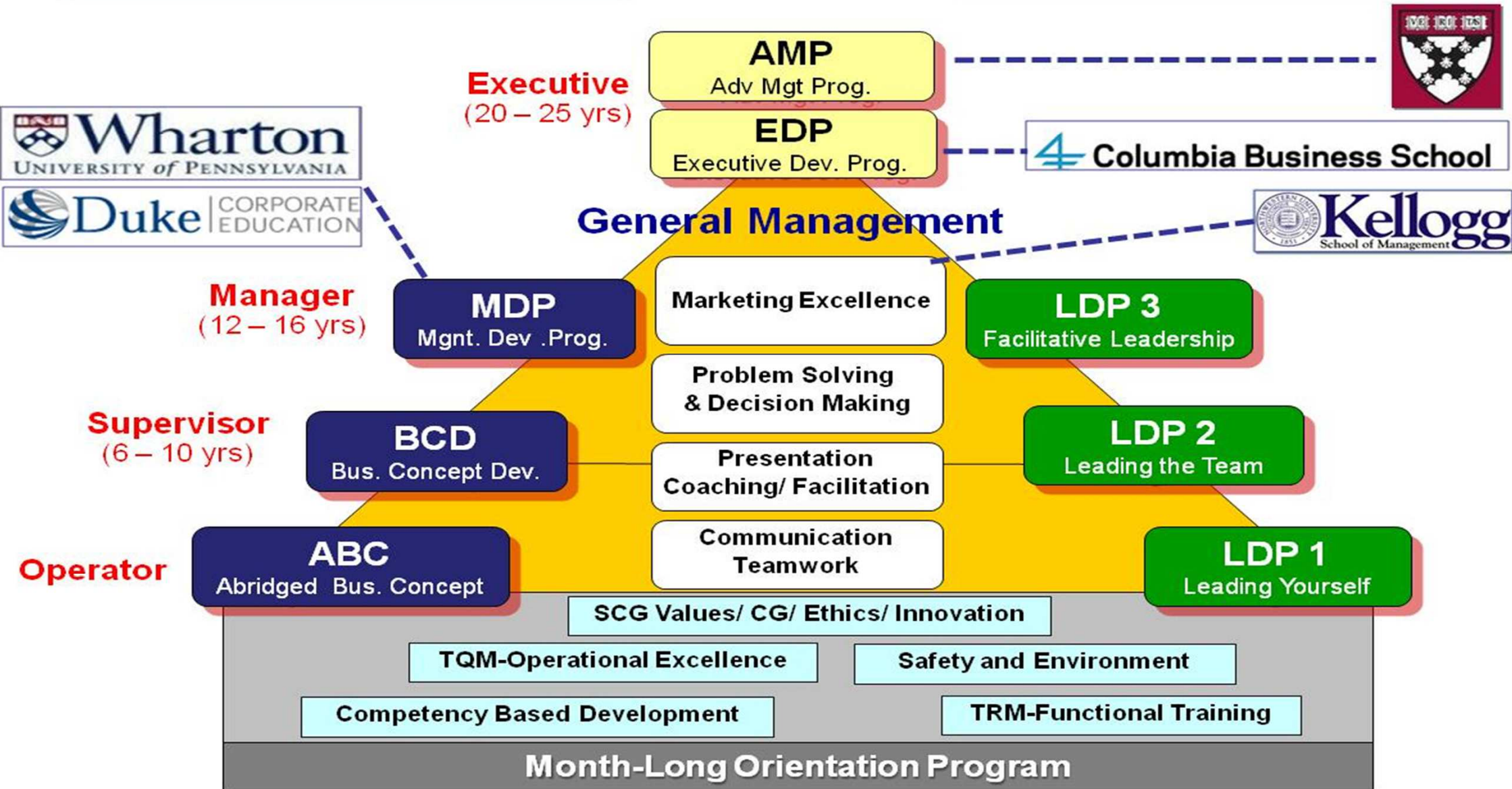
364 (Ph.D. 9)



1,274 (Ph.D. 72)

Business Knowledge

Leadership Skills



Programs	Current	Since	Years	Staffs
AMP - Advanced Management Program	Harvard	1982	32	69
	Wharton	2007	7	17
EDP - Executive Development Program	Columbia	2007	7	177
MDP - Management Development Program	Wharton	1981	33	1,529
	Duke	2011	3	168
Marketing Excellence Program	Kellogg	2006	8	406

Corporate scholarship program

Began in 1973, with 436 scholarships granted.

MBA

US	'09	'10	'11	'12	'13
Harvard	-	-	-	-	-
Chicago	-	-	-	-	-
Stanford	-	-	-	-	-
Wharton	1	1	-	1	1
MIT	2	2	1	-	1
Columbia	-	-	2	2	-
UC Berkeley	-	-	-	-	-
NYU Stern	-	-	-	-	1
Kellogg	2	3	-	1	-
Dartmouth	-	-	-	-	-
Michigan	1	1	-	2	-
Duke	-	1	1	-	1
EU					
IMD	-	-	-	-	-
LBS	1	-	-	1	-
ASIA					
INSEAD	-	1	-	1	-
IIMB (India)	-	-	-	-	-
Tsinghua	-	-	-	-	-
CEIBS	-	-	-	-	-
HK UST	-	-	1	-	-
Sasin	1	2	-	-	1
Total	8	11	5	8	5

Engineering and Specialist

US	'09	'10	'11	'12	'13	EU	'09	'10	'11	'12	'13
MIT	1	-	-	-	-	Oxford	1	-	-	-	-
Stanford	-	-	-	-	-	Imperial College	1	1	1	-	-
UC Berkeley	-	-	-	-	-	RWTH Aachen	1	-	-	-	-
Alfred U	-	-	-	1	-	U of Loughborough	-	-	-	2	-
Illinois	-	-	-	-	-	U. of London	-	1	-	-	-
Cal Tech	-	-	-	-	-	CU-Warwick	-	1	4	-	-
Georgia Tech	3	1	-	-	-	Queen Mary (UK)	-	1	-	-	-
Carnegie Mellon	-	2	2	-	-	Queen's U. Belfast (UK)	-	1	-	-	-
Michigan	1	-	-	-	-	U. Of Southampton (UK)	-	1	-	-	-
NYU	-	-	1	-	-	Brunel U. (UK)	1	-	-	-	-
Northwestern	-	-	1	-	-	UEC, Birmingham (UK)	1	-	-	-	-
Southern Calif	1	-	-	1	-	U. Manchester (UK)	-	-	-	1	-
Penn State	1	1	-	-	-	Cranfield (UK)	-	-	1	-	-
Texas A&M	-	-	-	1	-	U. Aberdeen (Scotland)	1	-	-	-	-
Tennessee	-	-	1	-	-	U. Dundee (Scotland)	1	-	-	-	-
Washington	-	1	-	-	-	IFP School (FR)	-	1	-	2	-
W. Michigan	1	-	-	-	-	Domus Academy (GER)	1	-	-	-	-
U Mass Lowell	1	-	-	-	-	Royal Institute of Tech	-	-	1	-	-
Wisconsin-Madison	1	-	-	-	-	Adelaide	-	-	-	-	1
North Carolina	-	-	-	-	-	Tokyo Int.	-	-	-	1	-
Portland State	-	-	-	-	-	ASIA					
Purdue	-	-	-	-	-	UEC (JAP)	-	-	1	-	-
Clemson (SC)	-	-	1	-	-	Waseda U. (JAP)	1	-	1	-	-
						U. Tsukuba (JAP)	-	-	1	-	-
						Ceramics Tech. (JAP)	-	1	-	-	-
						Japan Advanced Int	-	-	-	1	-
						AIT	-	1	-	-	-
						Total	19	14	16	10	1

Note: 323 scholarships are active, others have mostly retired
 Current 50 students (48 overseas): MBA 16, Engineering 31, Specialist 3

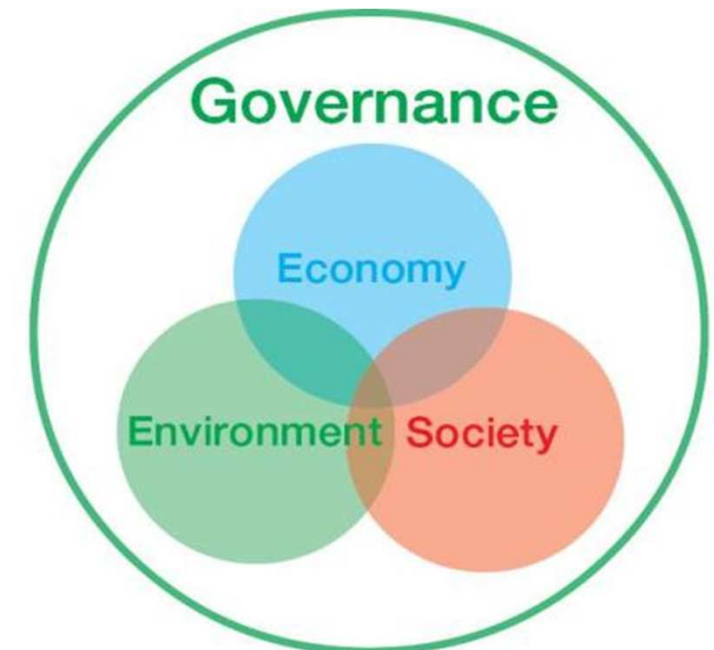
Note: as of Jun/13

- *Strategy & Key points*
- *Sustainability*
- *Business Updates*
- *Financials*
- *Appendix*

“Global Sector Leader” for 2 consecutive years

- 2012 & 2011** : **Global Sector Leader (Building Materials & Fixtures)**
ranked by RobecoSAM, Switzerland
- 2012-2008** : ranked “Gold Class” which is top group for each sector.
- 2004** : initial year of DJSI membership.

- DJSI was established in 1999 as the first global index to monitor sustainability of listed companies.
- +60 global funds in 16 countries follow the DJSI.
- For further details: www.sustainability-index.com



DJSI sector overview

Building Materials & Fixtures

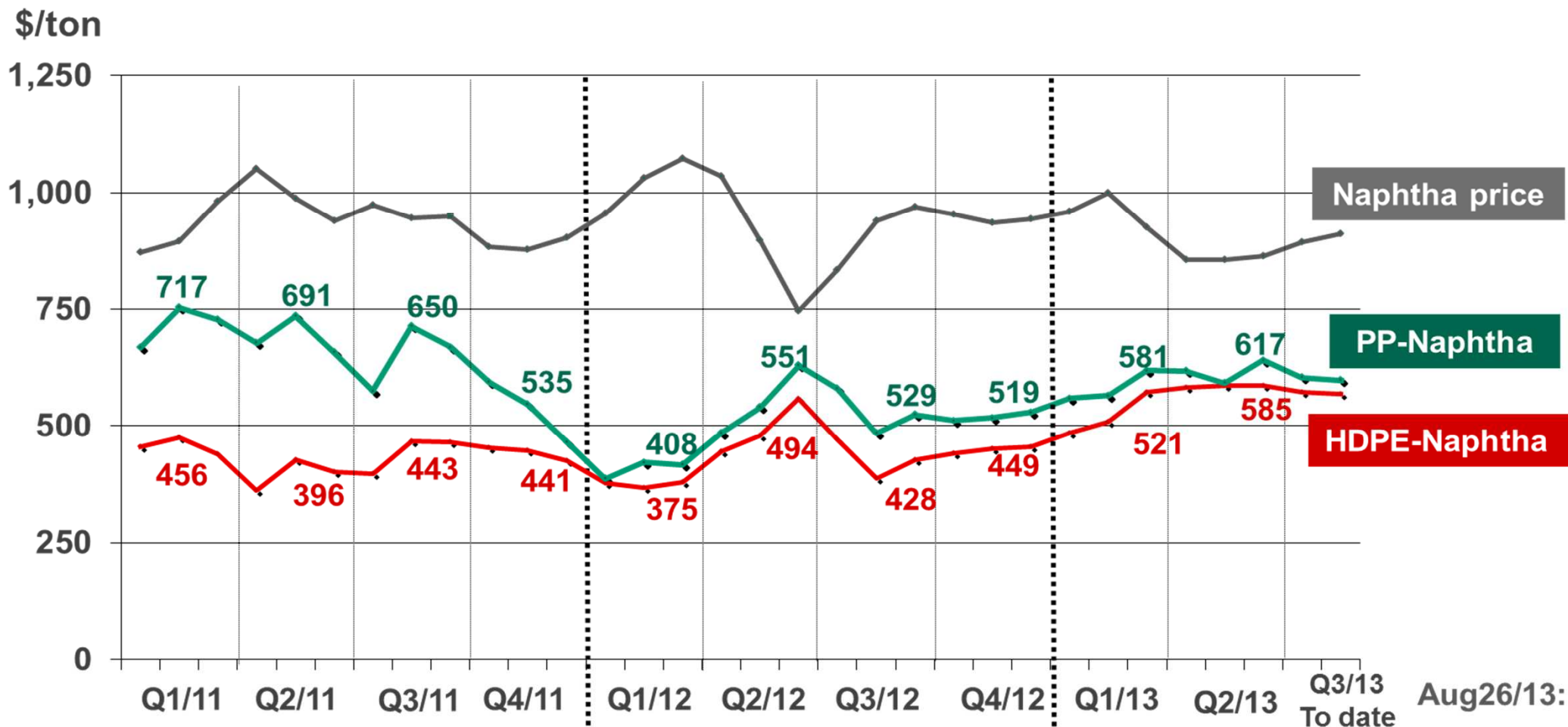
SUSTAINABILITY LEADERS

As of September 13, 2012

Company	Country	Industry Leader	DJSI World		DJSI Europe		DJSI North America		DJSI Asia Pacific	
			Universe	Member	Universe	Member	Universe	Member	Universe	Member
# of Companies			42	8	11	3	2	0	10	3
ASAHI GLASS	Japan		✓	✓					✓	✓
BORAL	Australia		✓						✓	✓
CRH PLC	Ireland		✓	✓	✓	✓				
Duratex SA	Brazil		✓	✓						
HOLCIM	Switzerland		✓	✓	✓	✓				
LAFARGE	France		✓	✓	✓	✓				
OWENS CORNING	USA		✓	✓						
SCG	Thailand	✓	✓	✓						
TOTO	Japan		✓	✓					✓	✓

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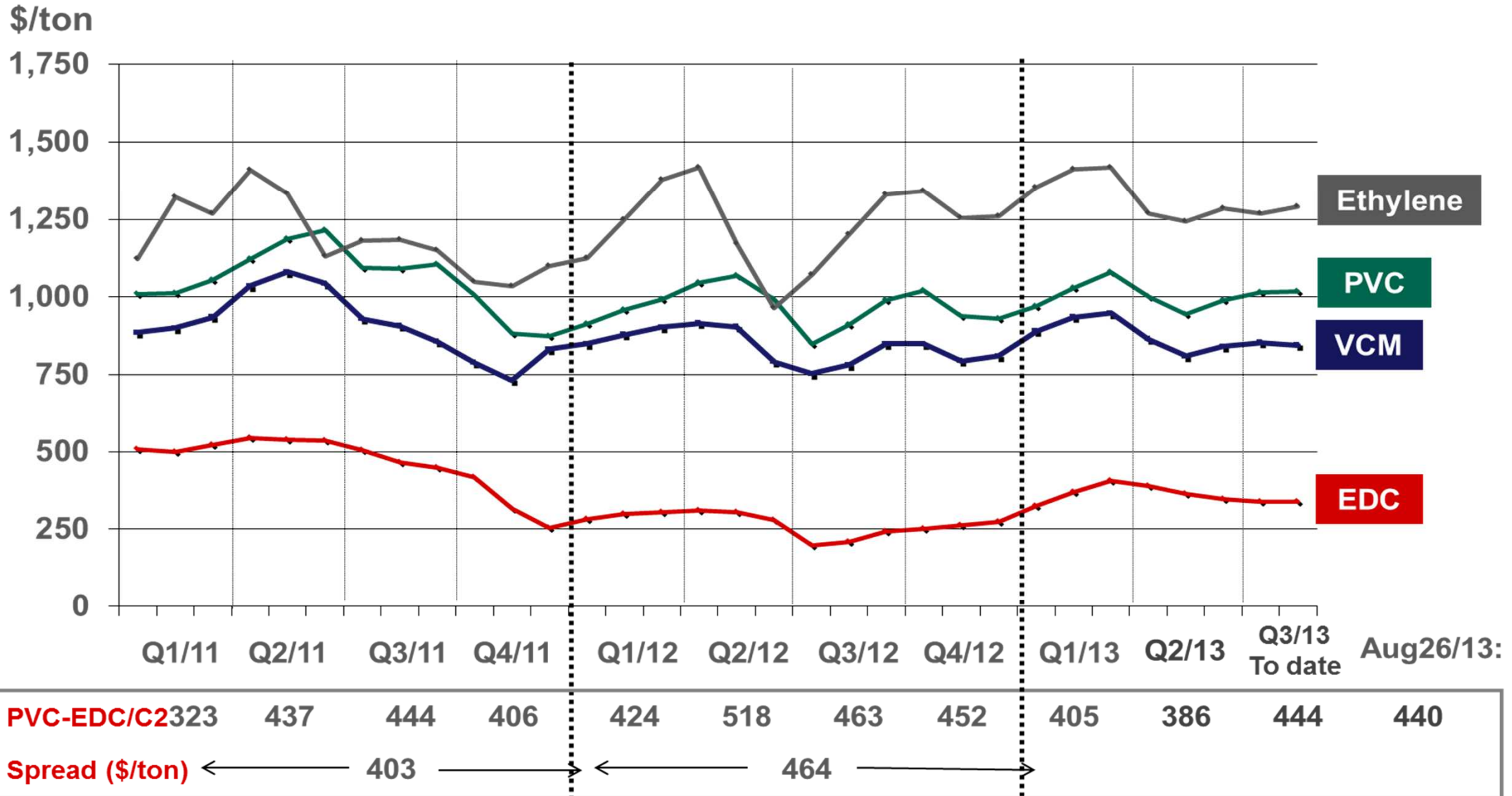
HDPE and PP margins



(\$/T)	Q1/11	Q2/11	Q3/11	Q4/11	Q1/12	Q2/12	Q3/12	Q4/12	Q1/13	Q2/13	Q3/13	Aug 26/13
PP-Naphtha	650	691	650	535	408	551	529	519	581	617	601	596
HDPE-Naphtha	456	396	443	441	375	494	428	449	521	585	570	561

Conversion rate: 1 PE = 1 Ethylene, 1 PP = 1 Propylene

Note: SEA regional prices



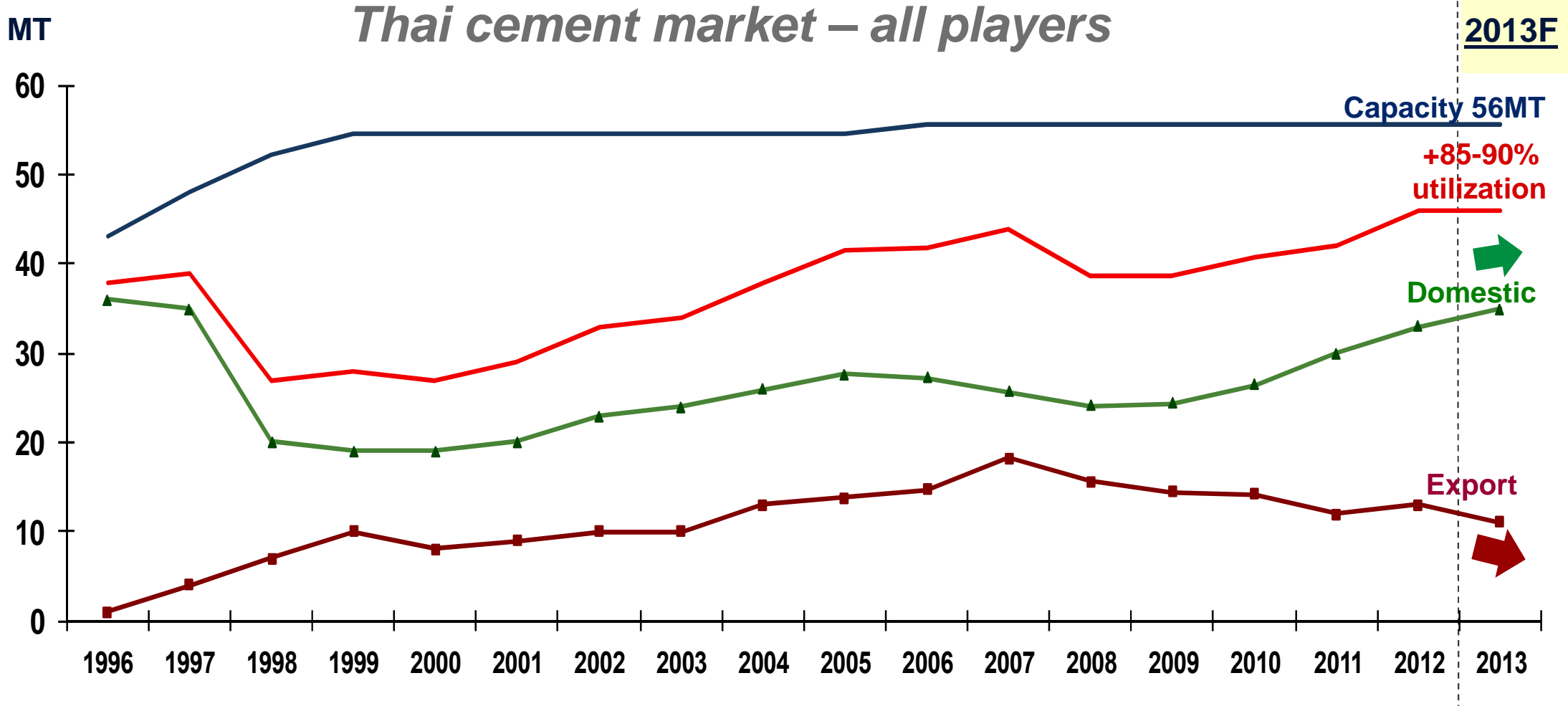
Conversion rate: 1 PVC = 1 VCM = 0.8 EDC + 0.2 Ethylene

Note: FE regional prices

Domestic cement industry

Forecasted 2013 domestic demand growth of approximately 5-10%.

Cement – Building Materials



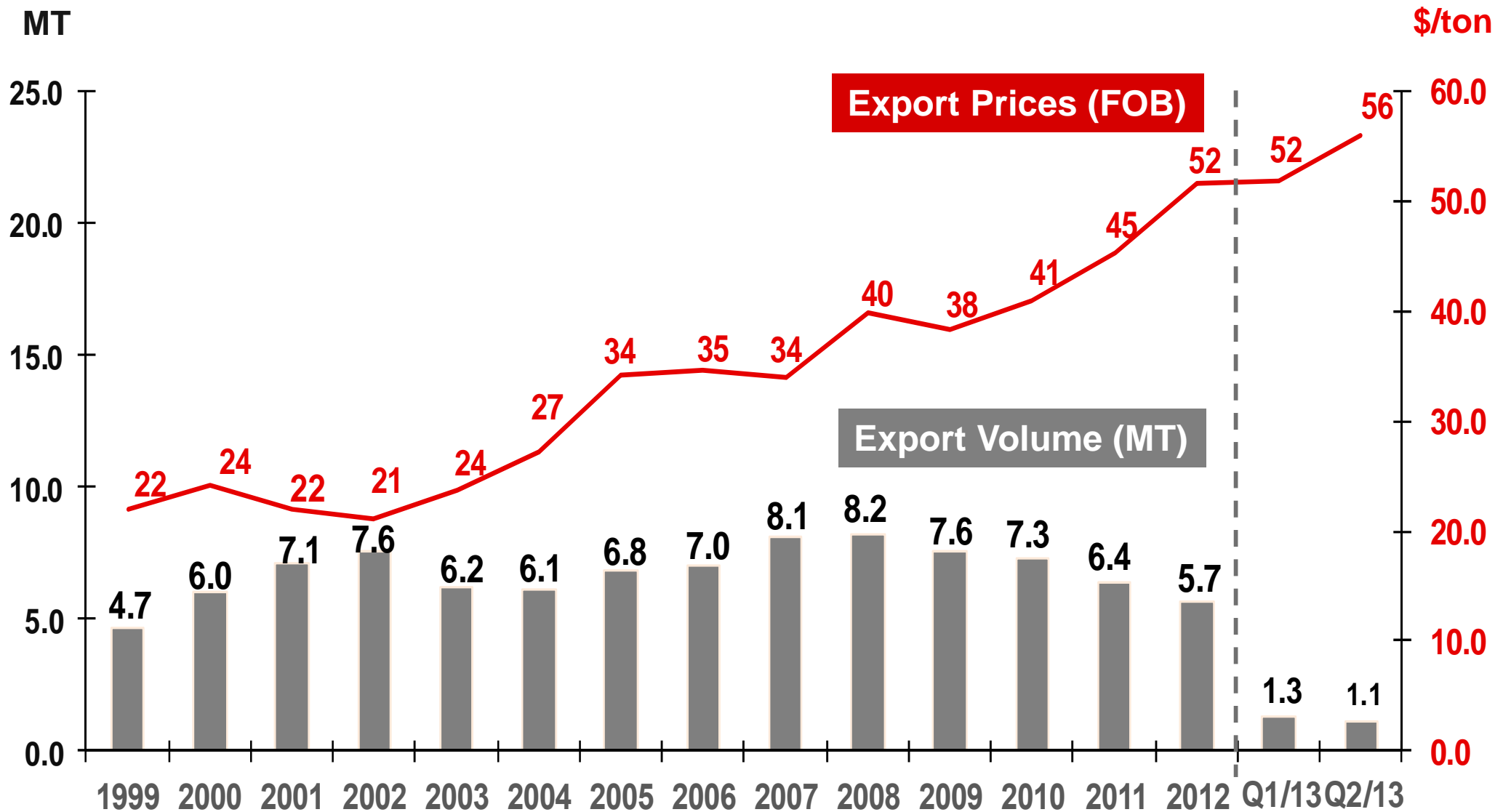
Total Domestic Growth Rate (% y-o-y)

-	10%	-45%	15%	-8%	-1%	23%	6%	11%	9%	-2%	-6%	-6%	1%	10%	3%	12%	5-10%
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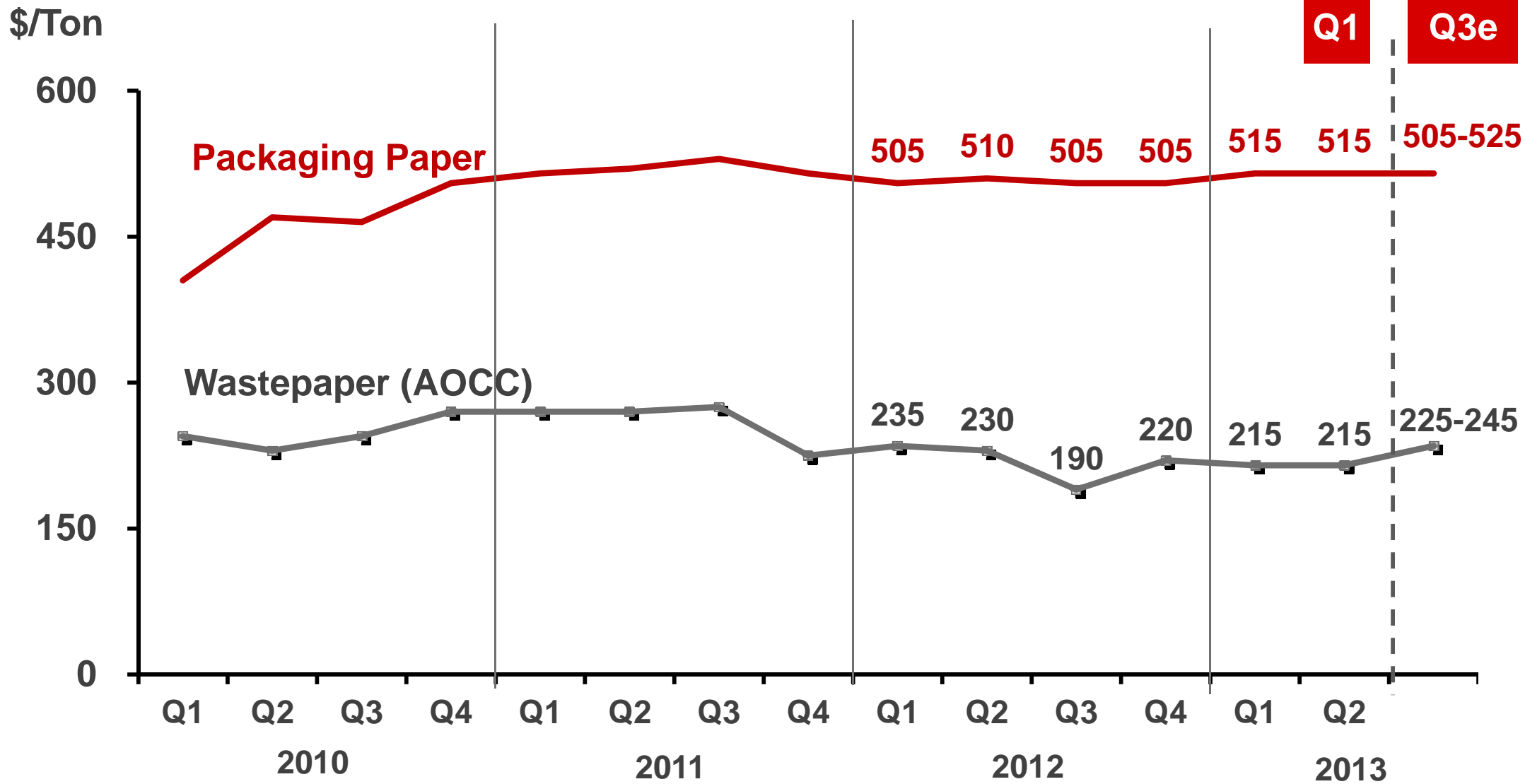
Cement exports

Export prices are FOB.

Cement – Building Materials

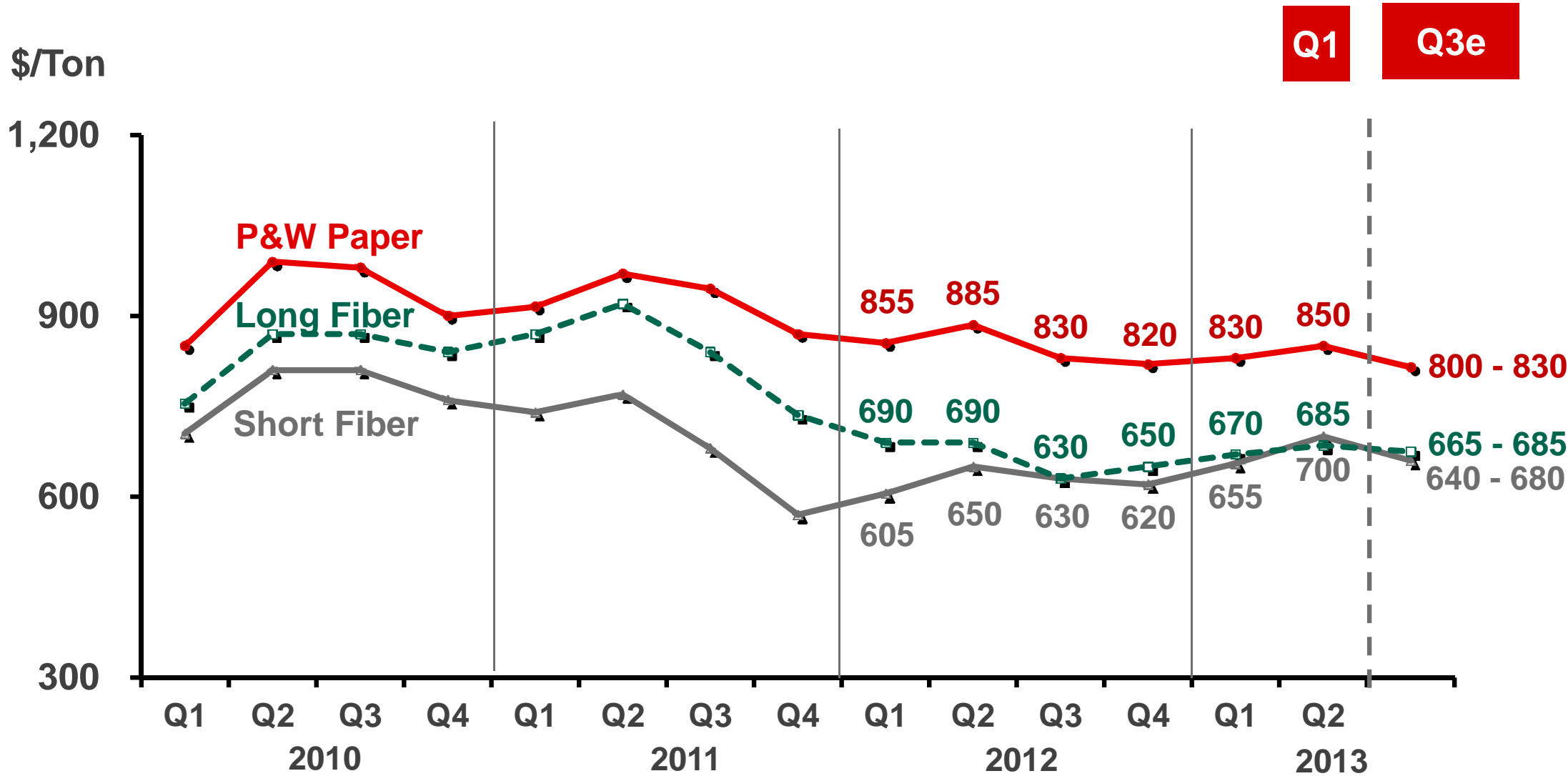


Packaging chain



Note: regional prices

Fibrous chain



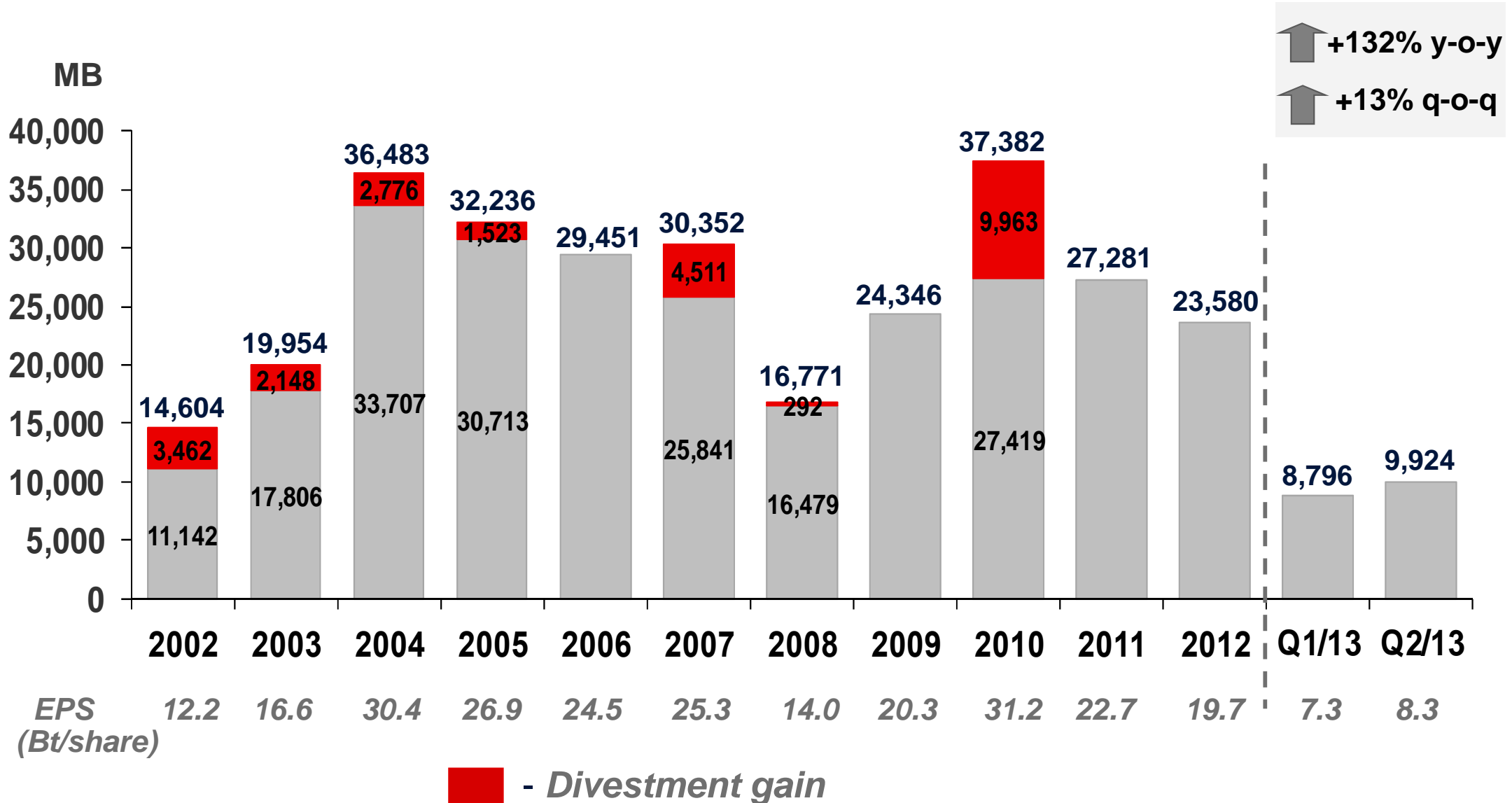
Q1

Q3e

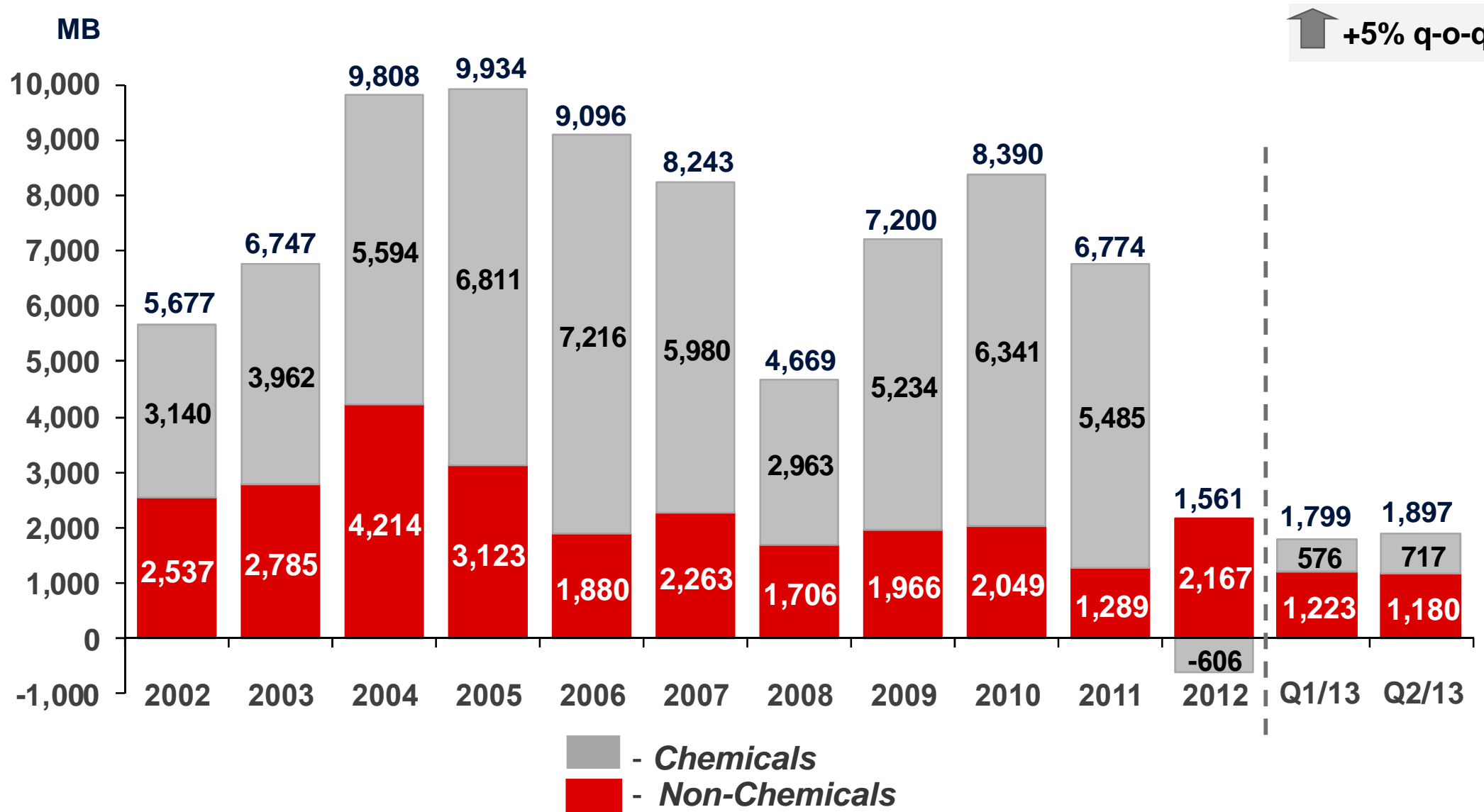
Note: regional prices

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Profit for the period



Equity Income



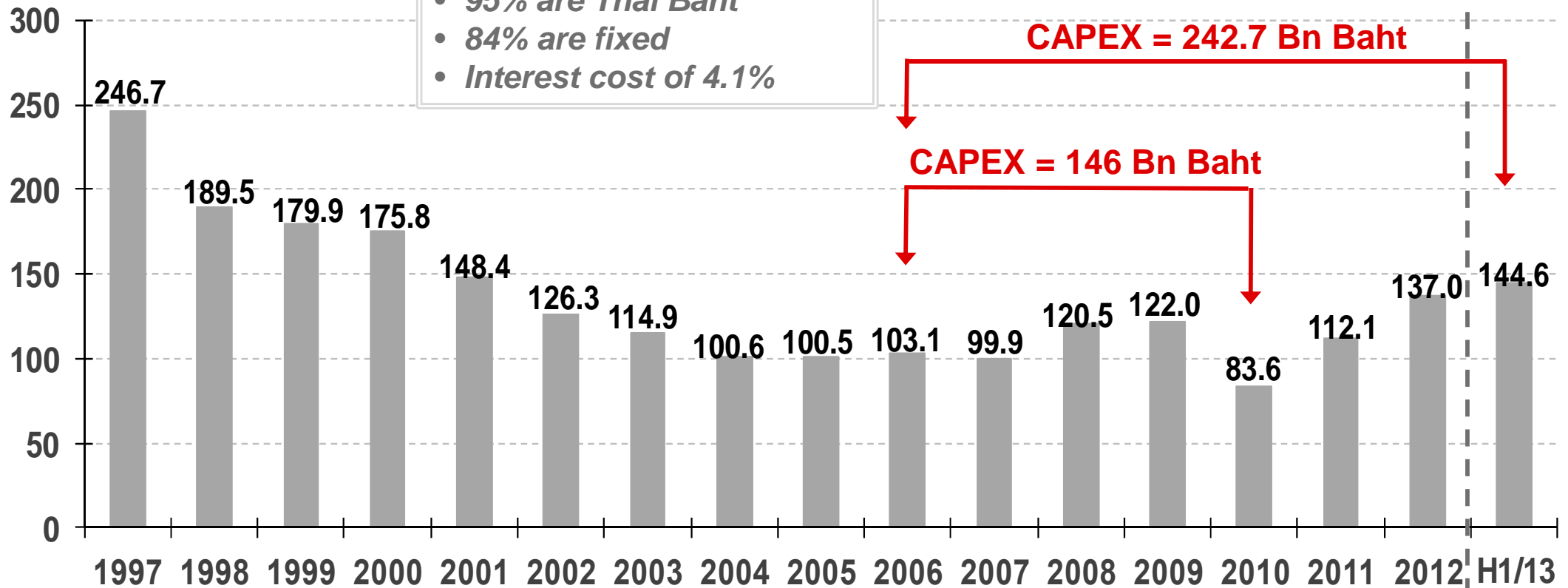
Net debt

Includes cash-on-hand of 40,381 MB (\$1.4 Billion)

Debt profile:

- Net Debt / EBITDA = 2.5x
- Net Debt / Equity = 0.8x
- 95% are Thai Baht
- 84% are fixed
- Interest cost of 4.1%

Billion Baht

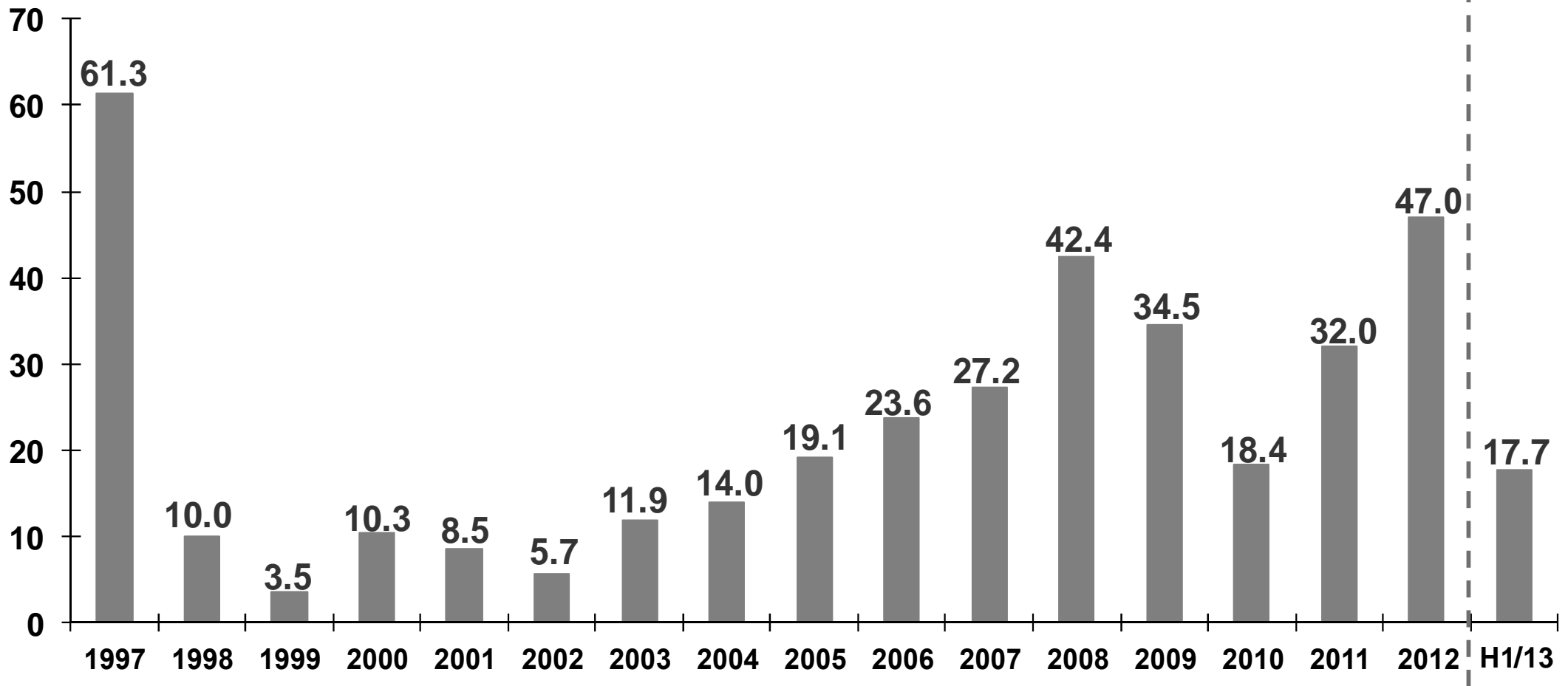


Net Debt on EBITDA: 9.2 (1997), 7.7 (1998), 6.4 (1999), 5.8 (2000), 5.1 (2001), 4.1 (2002), 3.1 (2003), 1.8 (2004), 1.9 (2005), 1.8 (2006), 2.0 (2007), 3.1 (2008), 2.6 (2009), 1.8 (2010), 2.4 (2011), 3.0 (2012), 2.5 (H1/13)

CAPEX & investments

2013 estimate of 40,000-50,000 MB.

Billion Baht



- CAPEX includes debottlenecking, expansion projects, and major turnaround.
- Investments are acquisitions and purchase of shares.

Q&A

Acquisition of assets is just the first step...



Cross-cultural diversity
& to prepare and encourage
Thai staffs to go overseas

Local Staff Engagement

Local Community Concerns

14,077 staffs (of the 42,889 staffs) are outside of Thailand.

Thailand - Fully Integrated

Crackers

Cracker #1 (1999)
1.2 MT C2 & C3

Cracker #2 (2010)
1.7 MT C2 & C3

Downstream

Subsidiaries

PE
PP
PVC
Others

Associates

Dow
Mitsui
Mitsubishi Rayon
Others

+50% of PE/PP are exported
to +110 countries

Regional Player

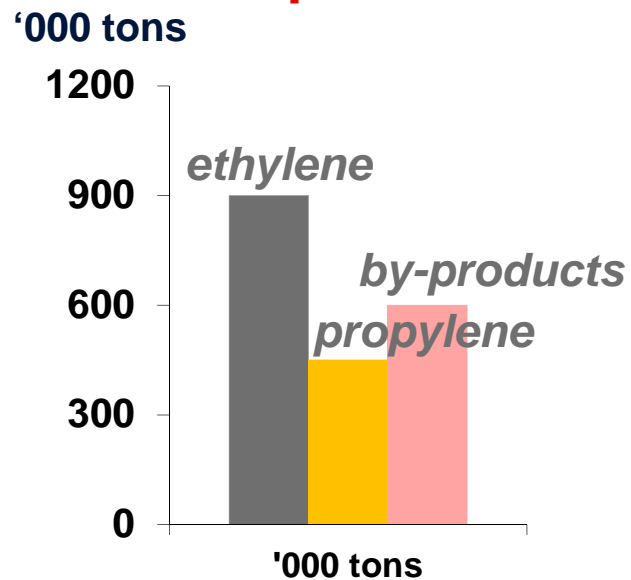
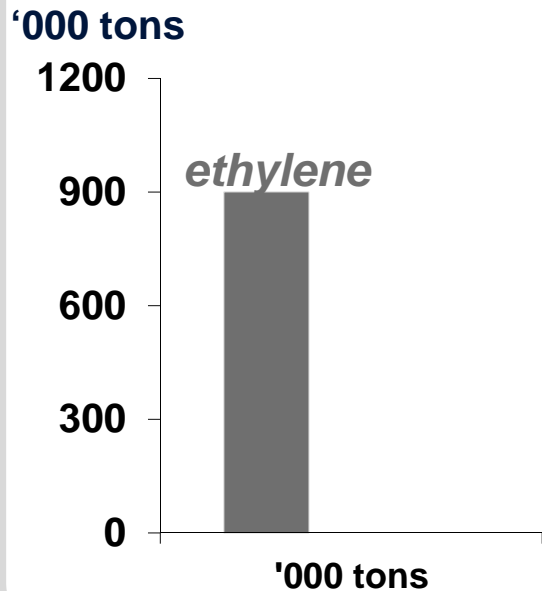


Investment in the propylene-rich cracker.

Typical crackers

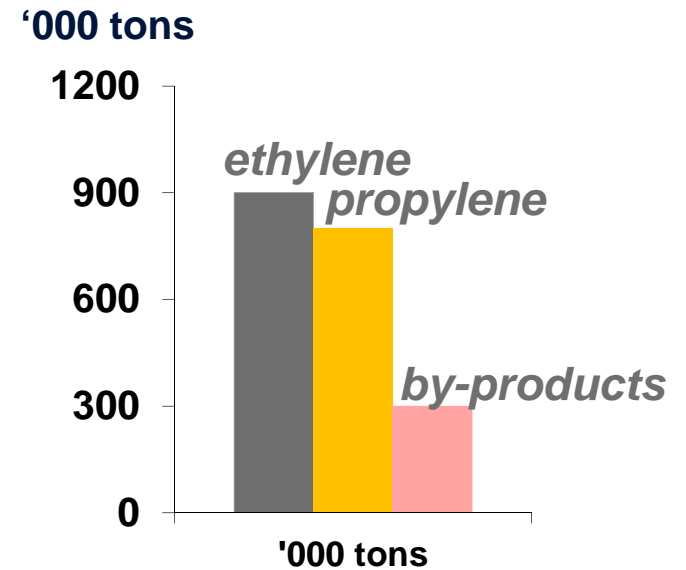
Gas-based

Naphtha-based



Propylene-rich cracker

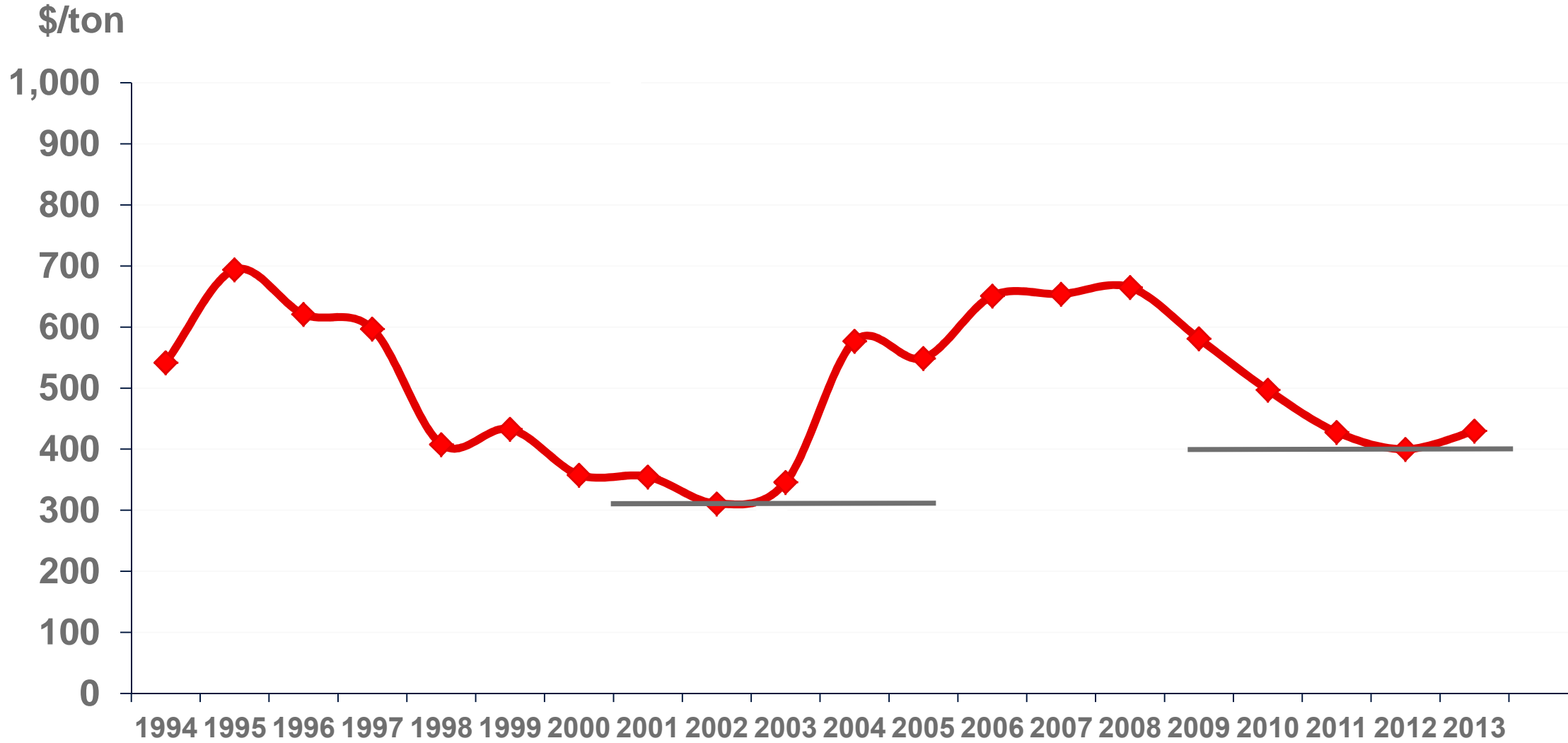
Naphtha-based



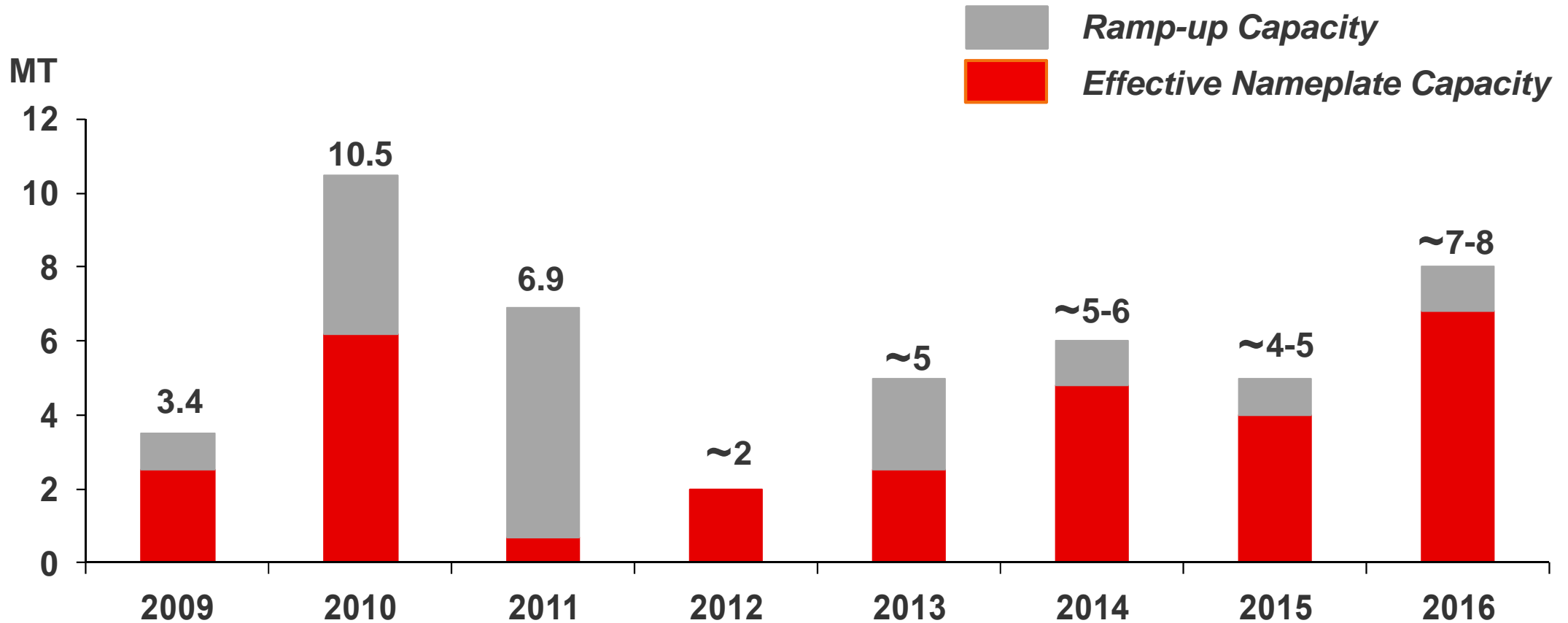
SCG's 1st
cracker
(1999)
1.2 MT

SCG's 2nd
cracker
(2010)
1.7 MT

Historical margin: HDPE – Naphtha



Global ethylene incremental supply growth



Incremental supply growth:

3%

8%

5%

1%

3%

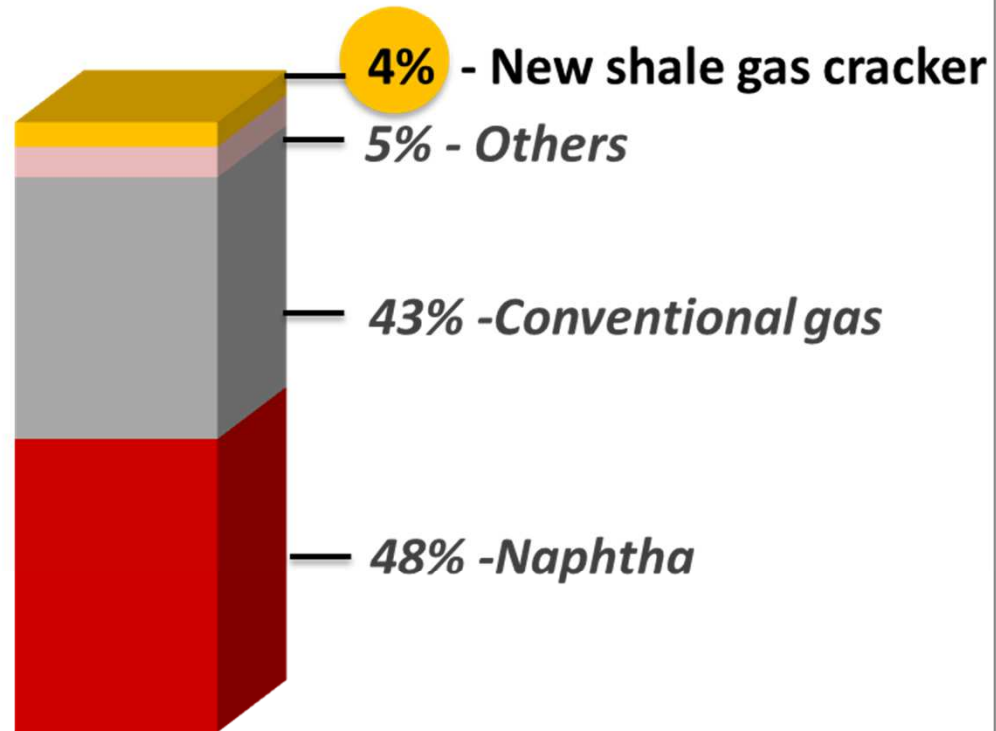
3%

3%

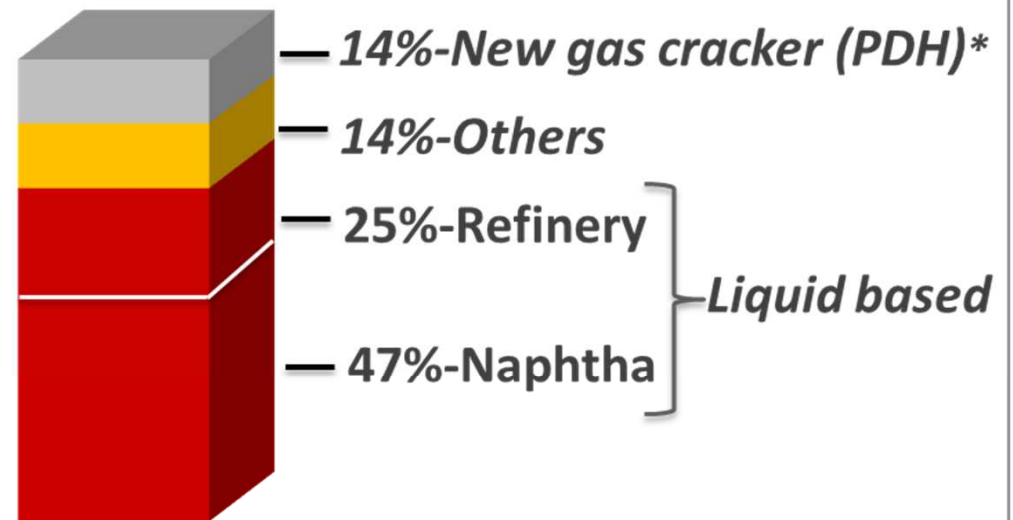
4%

Note: as of Dec/12, estimated by ground breaking basis

Ethylene global supply (200 MT)



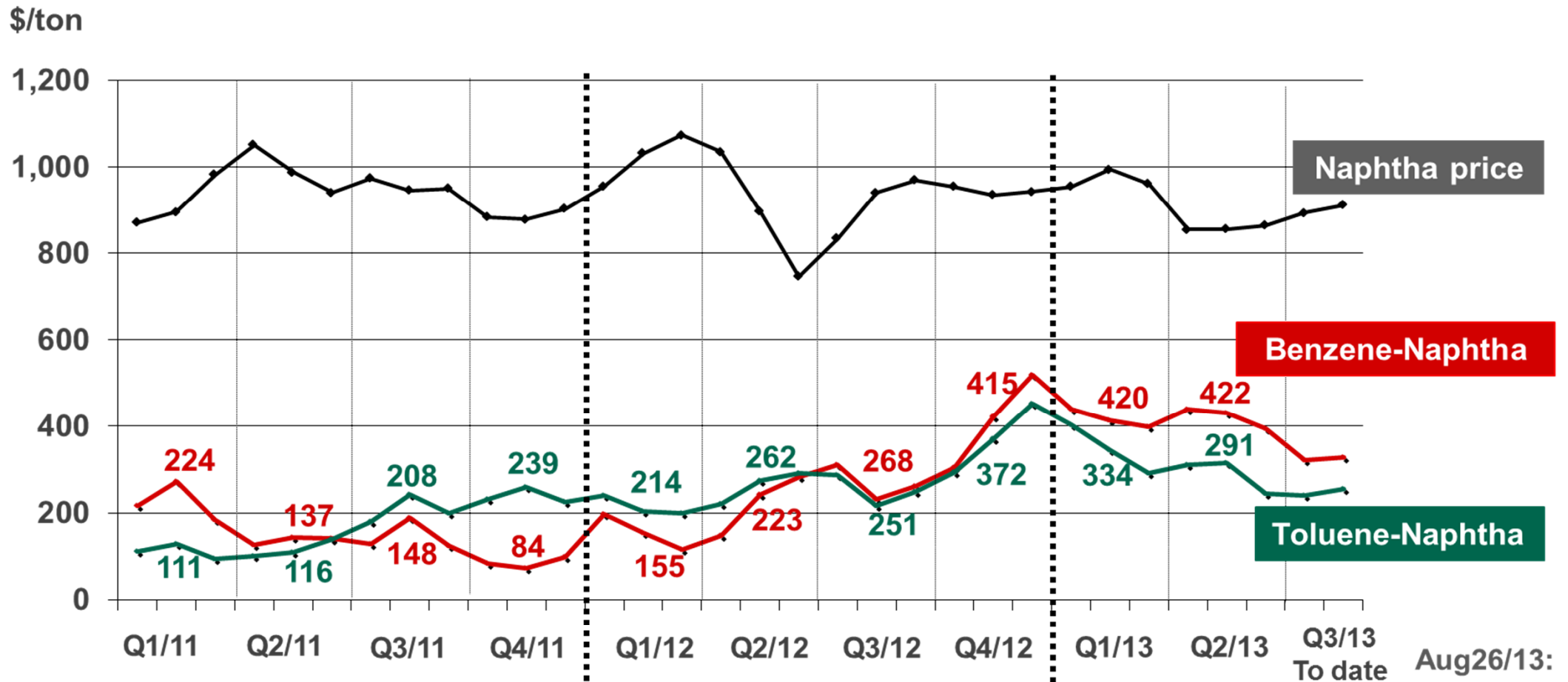
Propylene global supply (140 MT)



Note: *PDH = Propane dehydrogenation

Source: SCG Chemicals

Benzene & Toluene



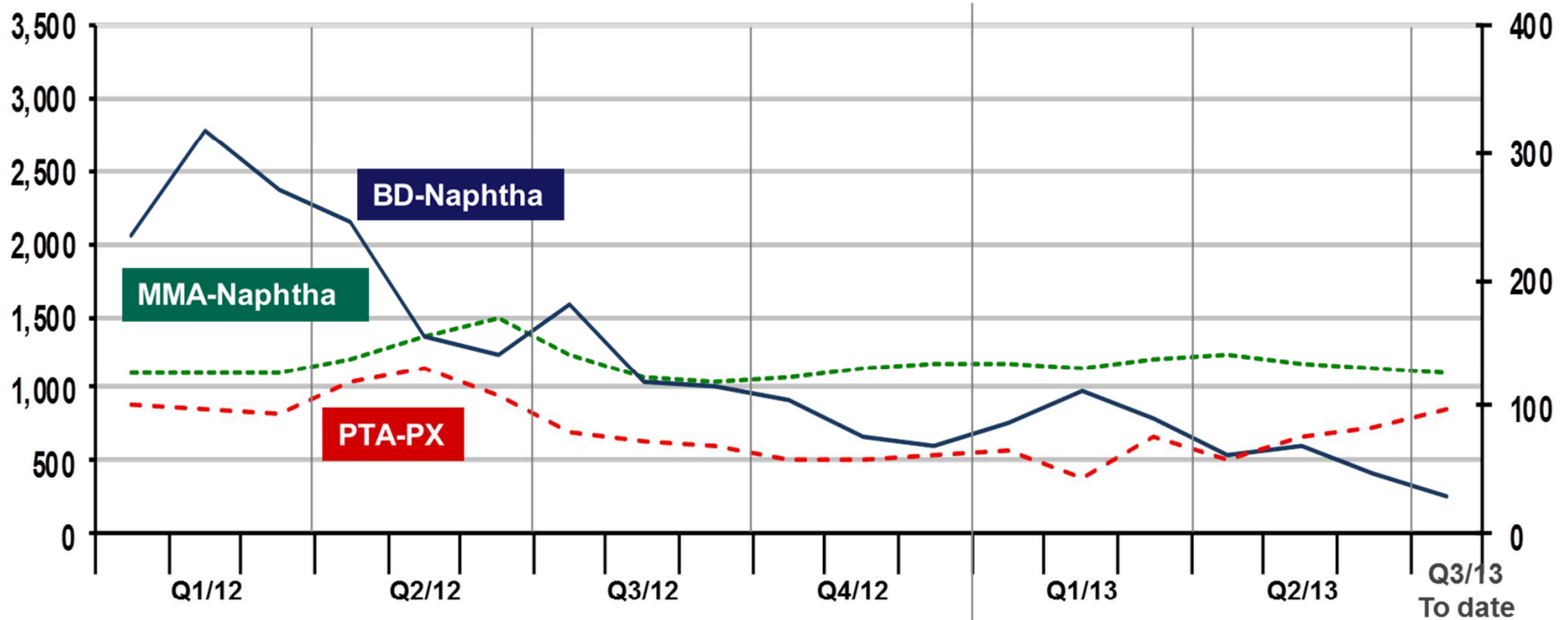
(\$/T)	Q1/11	Q2/11	Q3/11	Q4/11	Q1/12	Q2/12	Q3/12	Q4/12	Q1/13	Q2/13	Q3/13 To date	Aug26/13
BZ-Spread(\$/ton)	224	137	148	84	155	223	268	415	420	422	325	324
TL Spread(\$/ton)	111	116	208	239	214	262	251	372	334	291	247	236

Note: SEA regional prices

Price Gaps of Associates

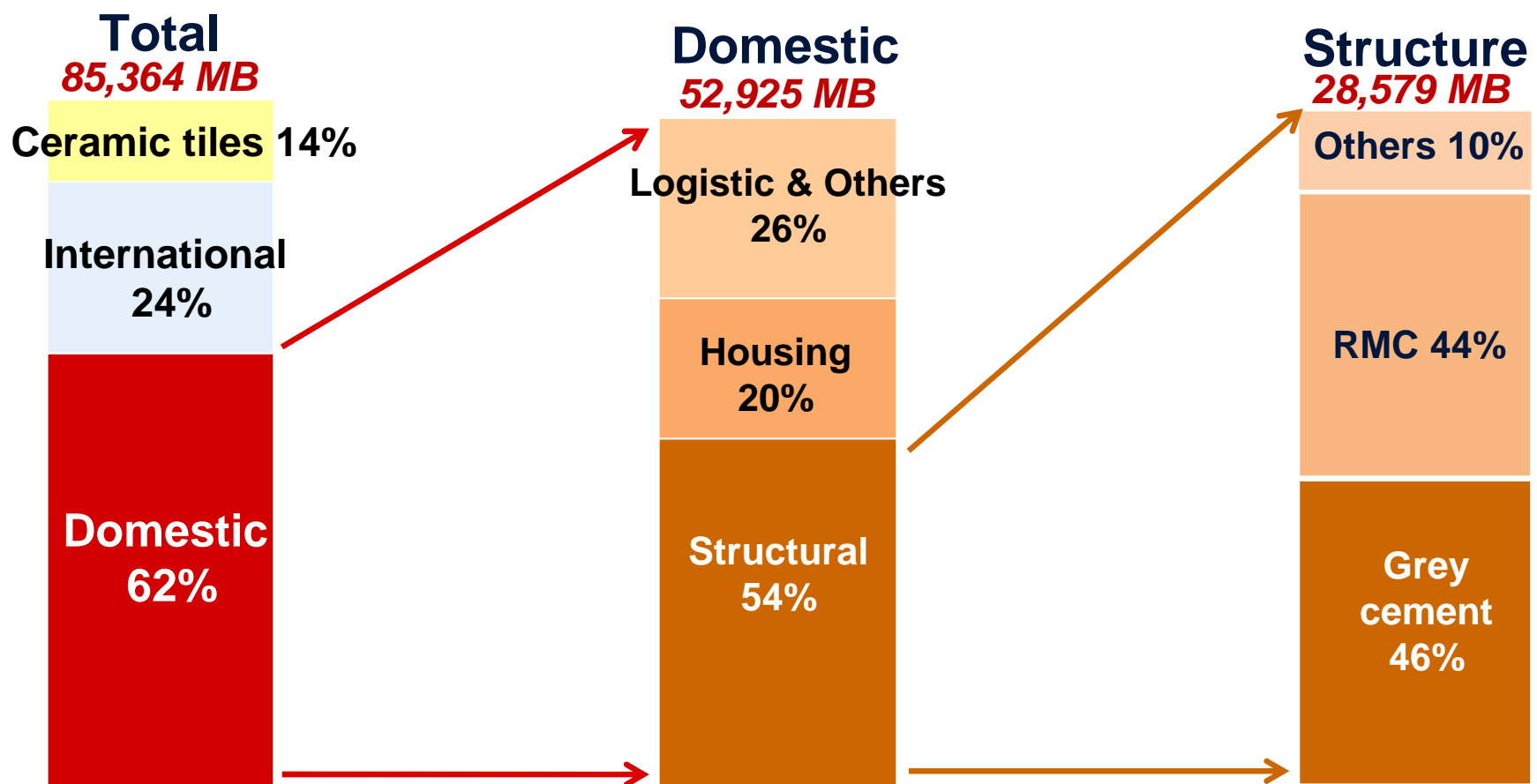
MMA-Naphtha \$/ton
BD-Naphtha \$/ton

PTA-PX \$/ton



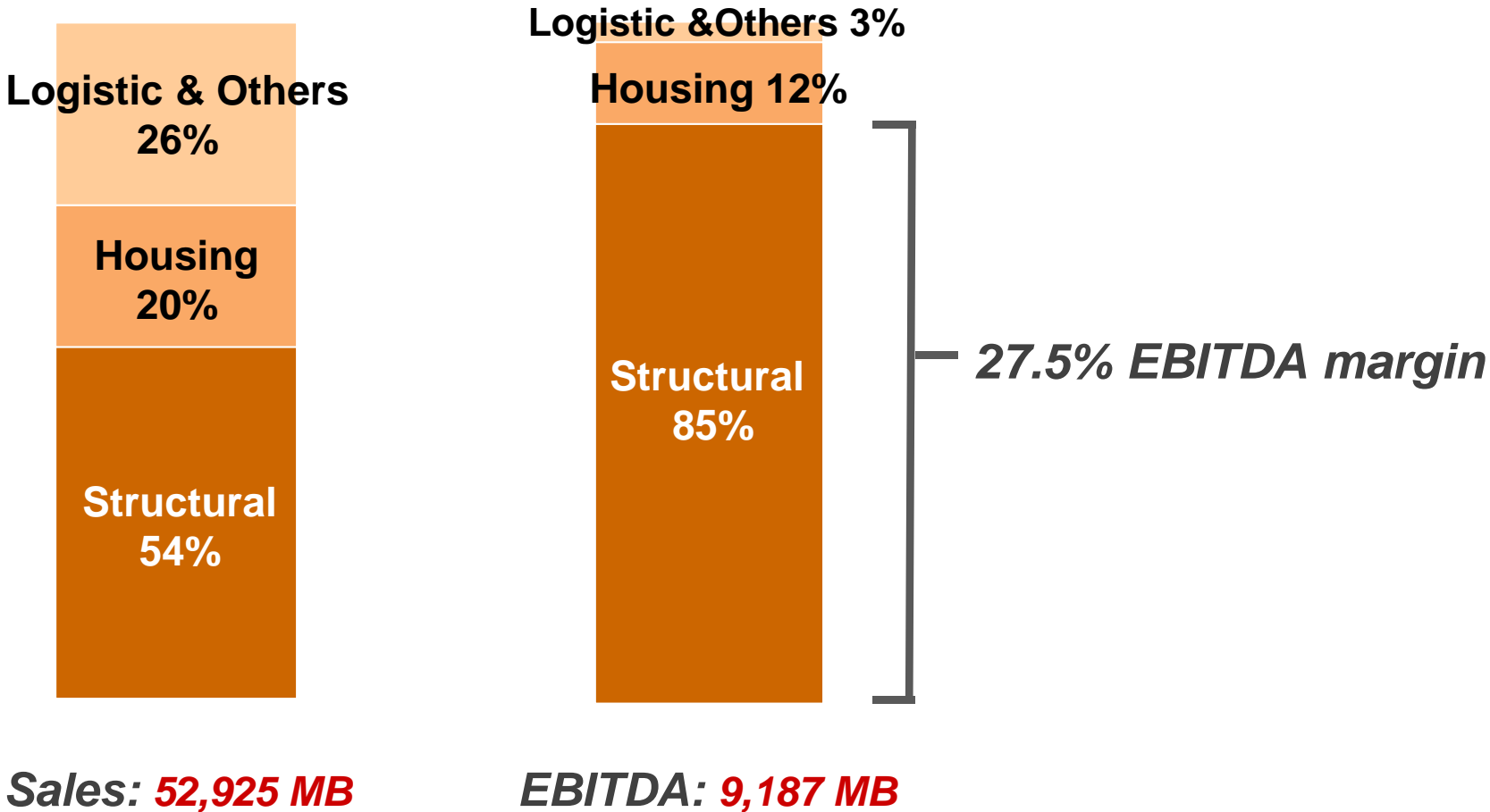
BD-Naphtha	2,405	1,574	1,221	723	844	516	110
Spread (\$/ton)	← 1,481 →						
PTA-PX	98	120	73	58	62	72	96
Spread (\$/ton)	← 87 →						

Cement – Building Materials



- Notes:**
1. **Ceramic tiles:** Thailand, Indonesia, Philippines, and all exports.
 2. **International:** ASEAN operations (sub. outside of Thailand), Exports from Thailand, and Trading business.
 3. **Domestic:**
 - 3.1 **Structural** - Grey cement, RMC, Mortar, White cement, and Lightweight concrete.
 - 3.2 **Housing** - Roofing products, Board & Wood sub, and Home improvement.
 - 3.3 **Logistics and others**

Domestic business: H1/13



Cement plants are strategically located

Domestic market share of approx 40%.

North:

SCG

2 MT



Central:

SCG

14 MT

Other players

33 MT



South:

SCG

7 MT



SCG's ASEAN capacity:

23 MT Thailand

1 MT Cambodia

0.2 MT Vietnam

In process: *Indonesia*

Cambodia

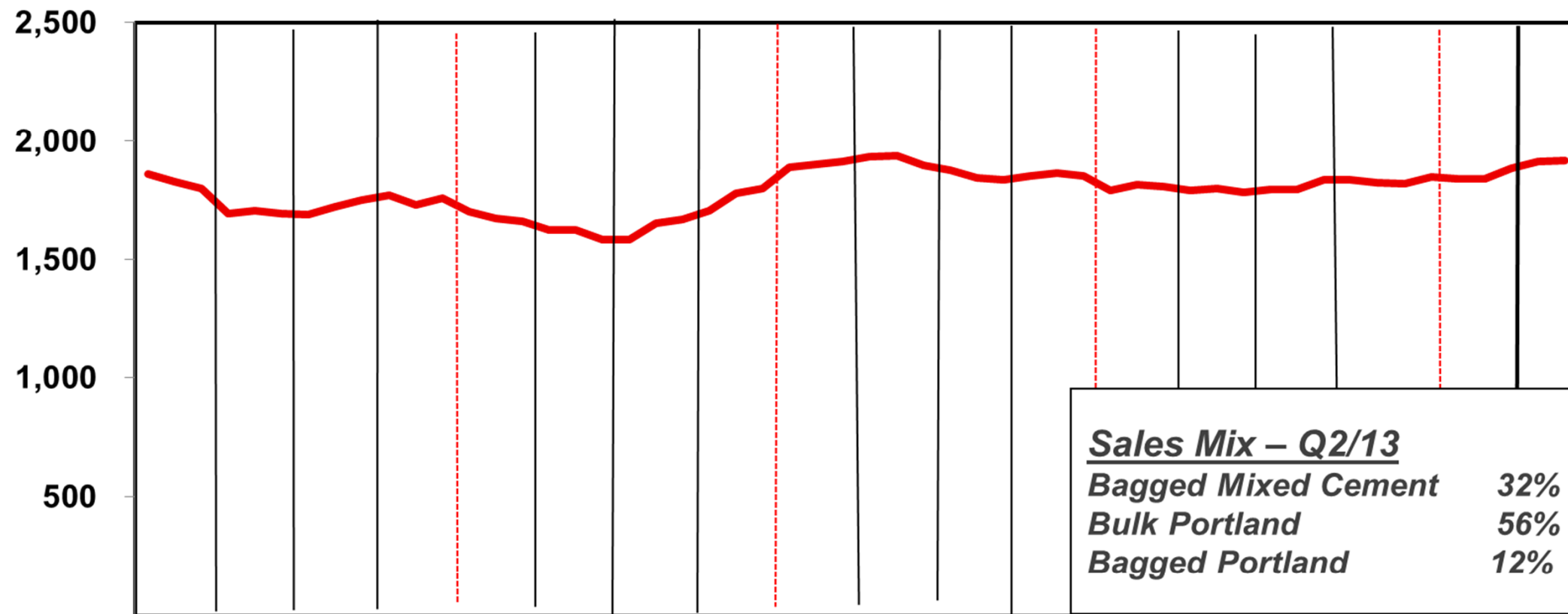
Myanmar

Domestic grey cement prices

Ex-factory price of \$60-63/ton in Q2/13.

Average Domestic Price of Grey Cement (Net ex-factory)

Baht/Ton

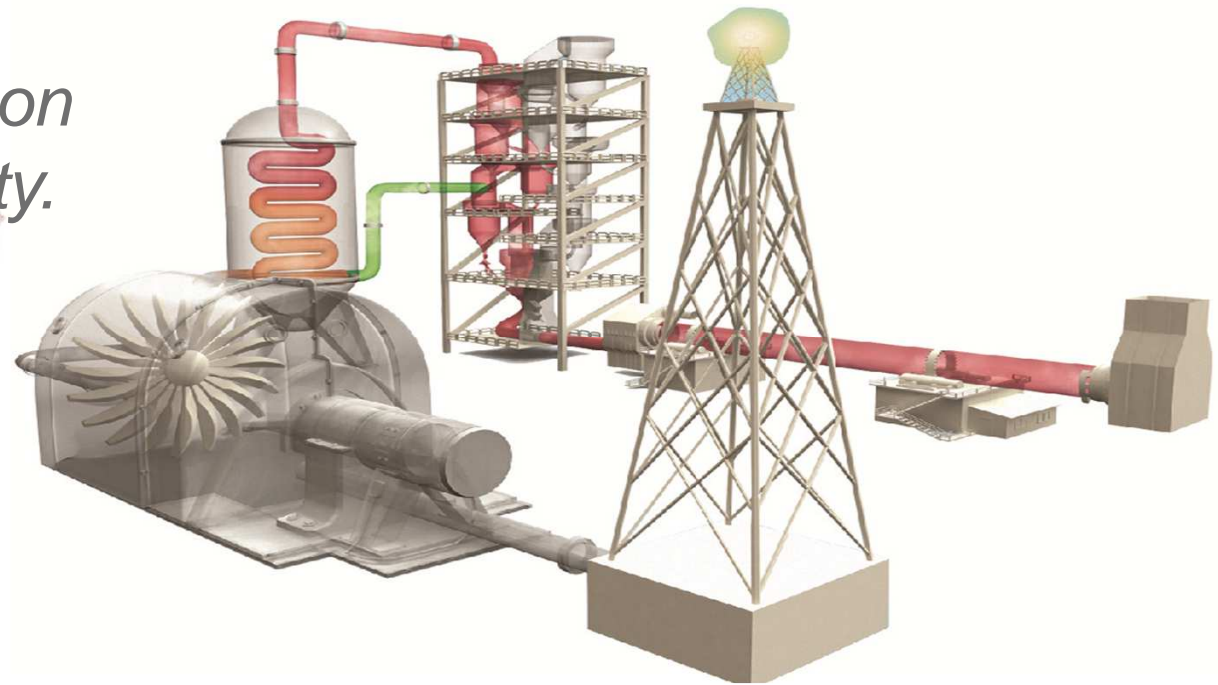


2009	2010	2011	2012	2013
Q1	Q2	Q3	Q4	Q1
Q2	Q3	Q4	Q1	Q2
Q3	Q4	Q1	Q2	Q3
Q4	Q1	Q2	Q3	Q4
Q1	Q2	Q3	Q4	Q1
Q2	Q3	Q4	Q1	Q2

Cement efficiency

Waste-heat power generators.

Utilize heat from the production process to generate electricity.



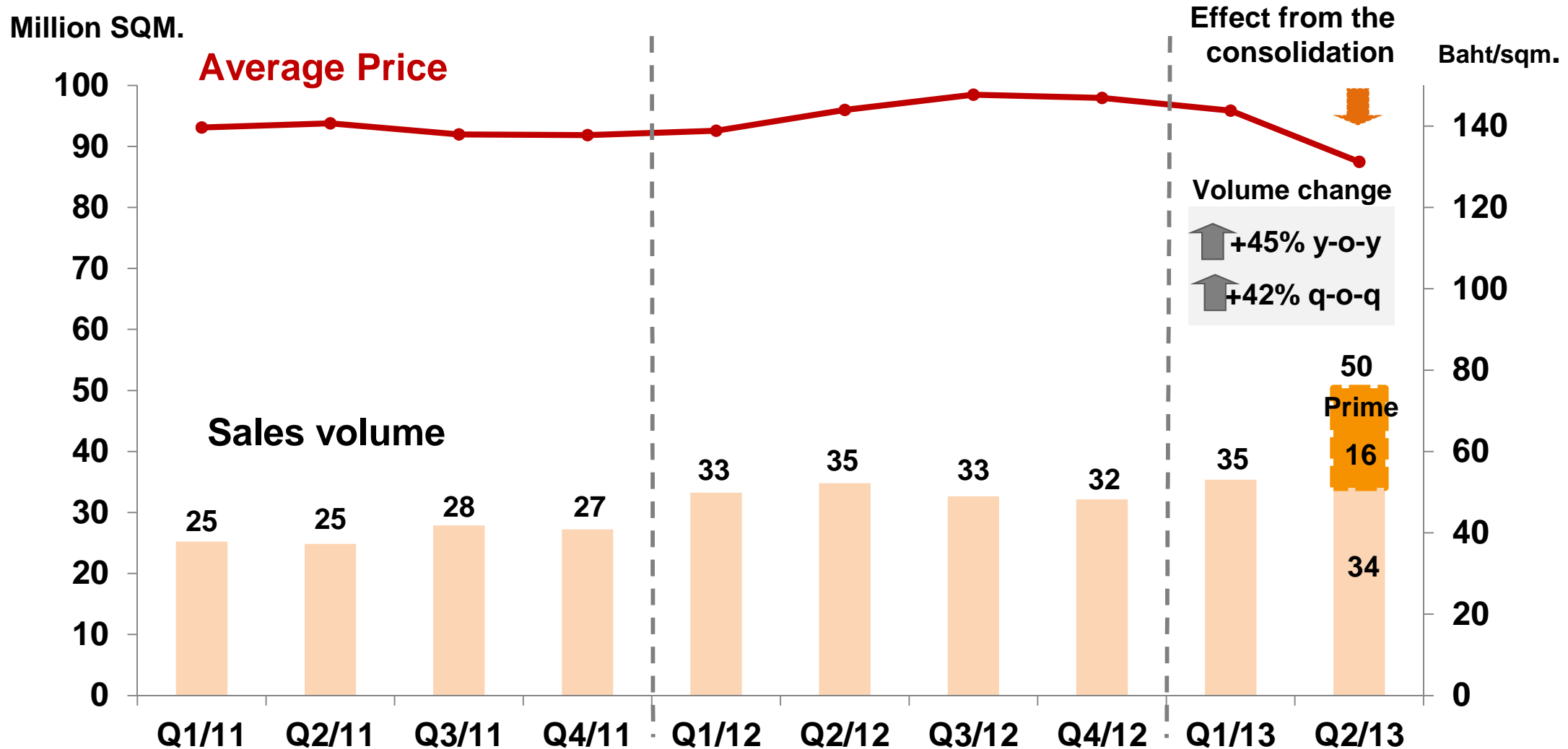
Phase 1	2,000 MB	Thailand	-started in Q1/08
Phase 2	350 MB	Cambodia	-started in Q2/09
Phase 3	3,400 MB	Thailand	-started in Q4/09
total	<u><u>5,750 MB</u></u>		

**Return on investment of 25%
or 1,600 MB per year**

Ceramic tiles' Revenue from Sales

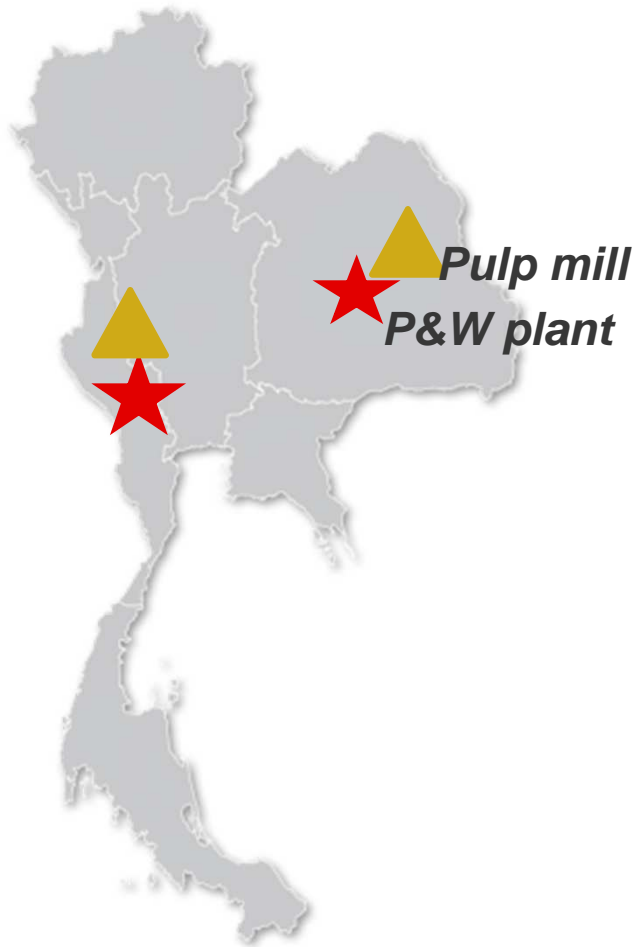
From the operations in Thailand, Indonesia, Philippines, and Vietnam.

Sales volume & prices for all ASEAN subsidiaries



Fibrous chain

Short-fiber pulp: 470,000 tons
P&W paper: 570,000 tons



Packaging chain

Packaging paper: 1,880,000 tons
Box plants: 976,000 tons



Packaging chain



Internal Sales

-Corrugated Box



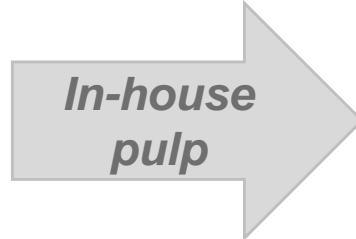
External Sales

-Containerboard
-Paperboard



Fibrous chain

Internal Eucalyptus Pulp



In-house
pulp

P&W Paper



Dissolving Grade Pulp



Company background

...ASEAN Sustainable Business Leader...



Cement- Building Materials



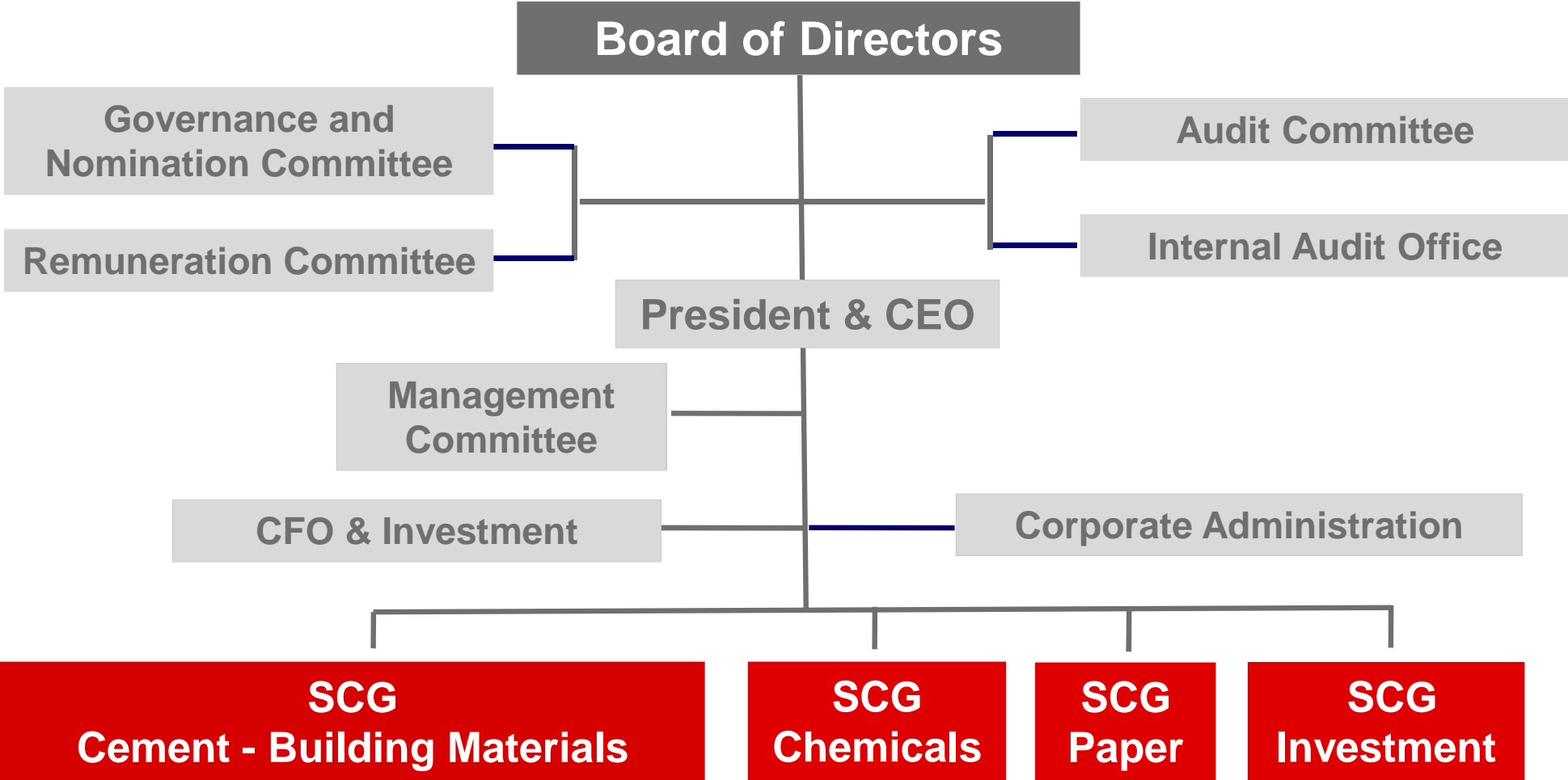
Chemicals

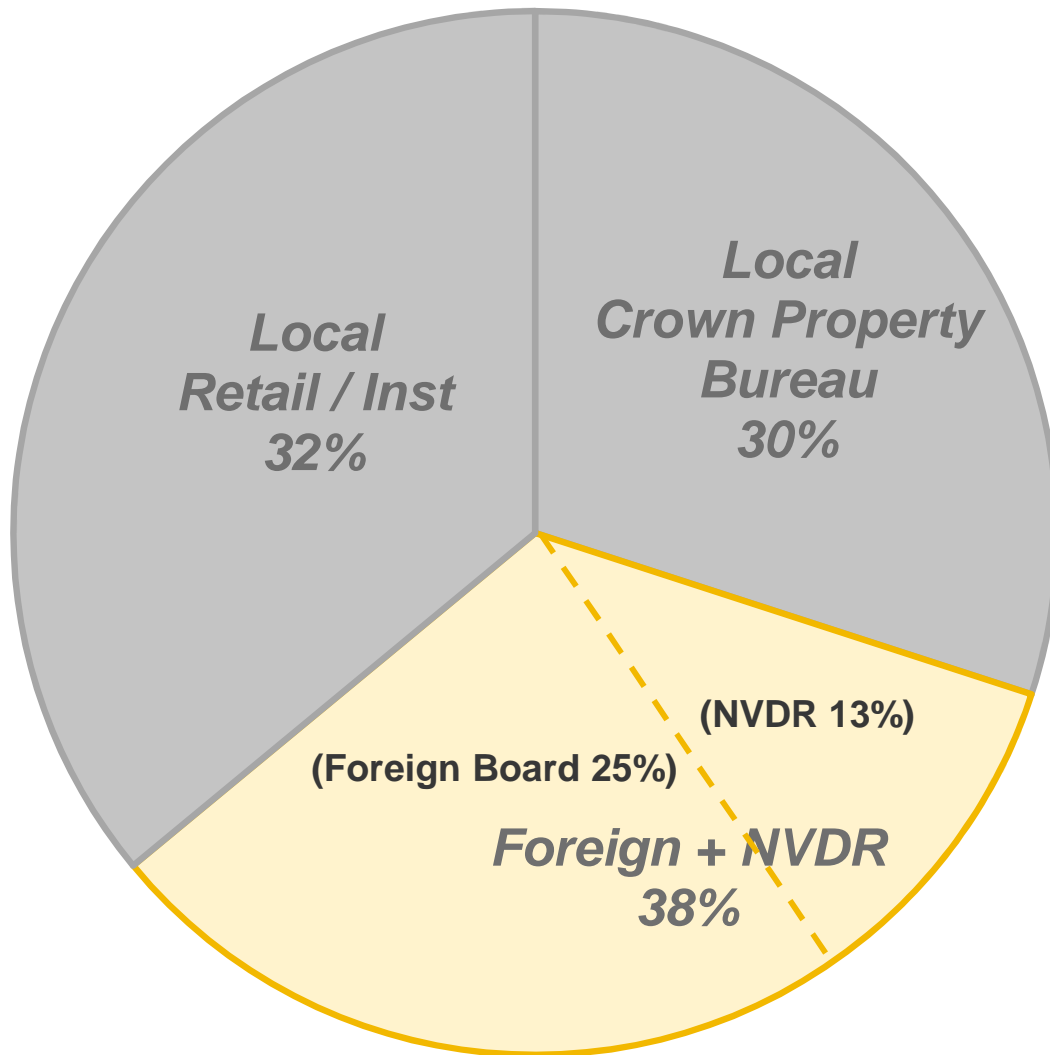


Paper

- *Founded in 1913.*
- *Listed in 1975 on the SET.*
- *Market cap approximately of \$17 Billion*
- *Free float of 70%.*
- *47,673 staffs.*
- *Assets of 421.9 Billion Baht (\$14 Billion)*

- *Key figures (FY2012):*
 - *Net Sales 407.6 Billion Baht (\$13.6 Billion)*
 - *EBITDA 45.7 Billion Baht (\$ 1.5 Billion)*
 - *Net Profit 23.5 Billion Baht (\$ 0.8 Billion)*





Local 62%

- Institution / Retail 32%
- Crown Property Bureau 30%

Foreign 38%

- Foreign Board 25%
- NVDR 13%

Apr 5/13

Live 4 Core Values

- Adherence to **Fairness**
- Dedication to **Excellence**
- Believe in the **Value of the Individual**
- Concern for **Social Responsibility**



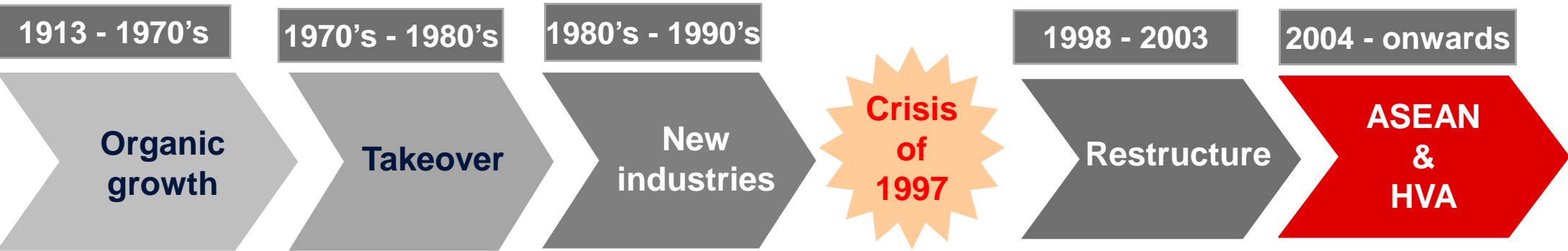
Open & Challenge

Open:

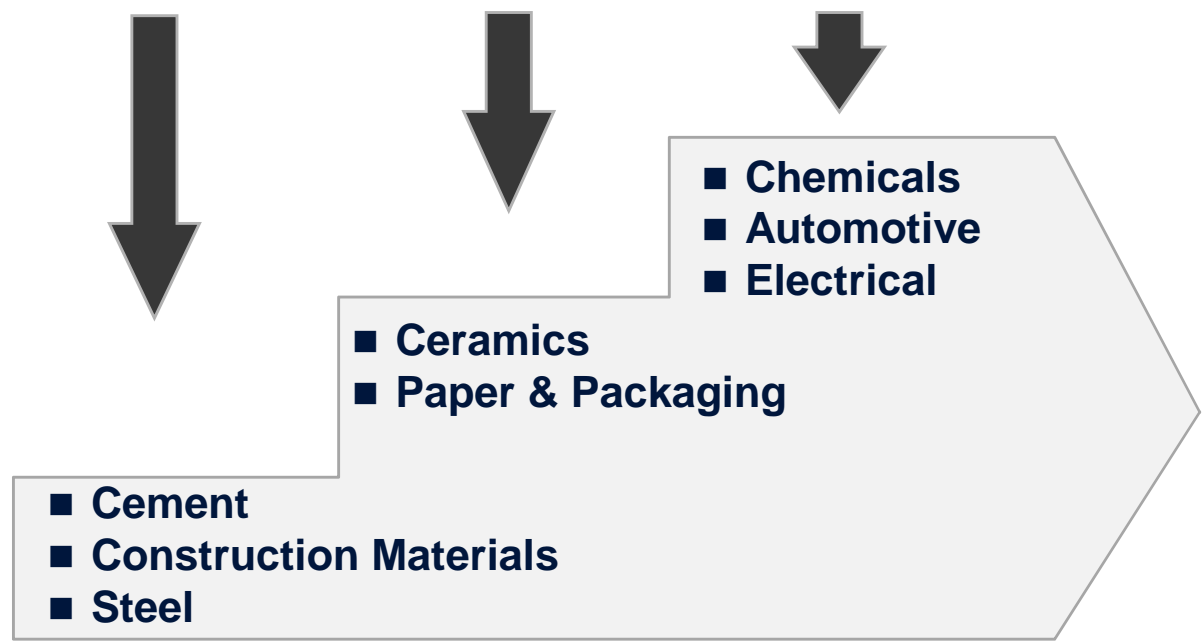
- Open-minded & Deep Listening
- Eager to learn
- Networking & Collaboration
- Learning from mistakes

Challenge:

- Challenge status quo
- Think-out-of the box
- Assertive
- Risk taking
- Willing to take initiatives



“Historic roots” “Opportunistic” “Partner of choice”



Today.....

- **Cement – Building Materials**
- **Chemicals**
- **Paper**
- **Investment**

SCG Investment

Contribution in FY2012 was approx. 1,670 MB in equity income, and another 4,145 MB from dividend income.

SCG Investment

Agricultural business

Siam Kubota Corp (40%)

Siam Kubota Leasing

Siam Kubota Metal Tech

Automotive business

Aisin Takaoka Group (30%)

Michelin Siam Group (10%)

Musashi Auto Parts (21%)

Siam Lemmerz (30%)

Siam Toyota Manufacturing (4%)

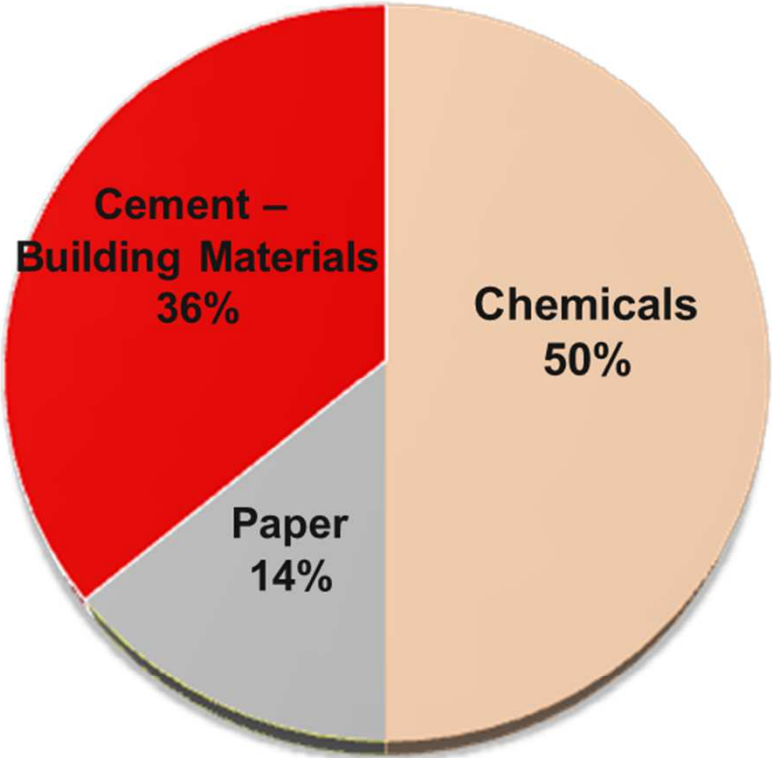
Toyota Motor Thailand (10%)

Others

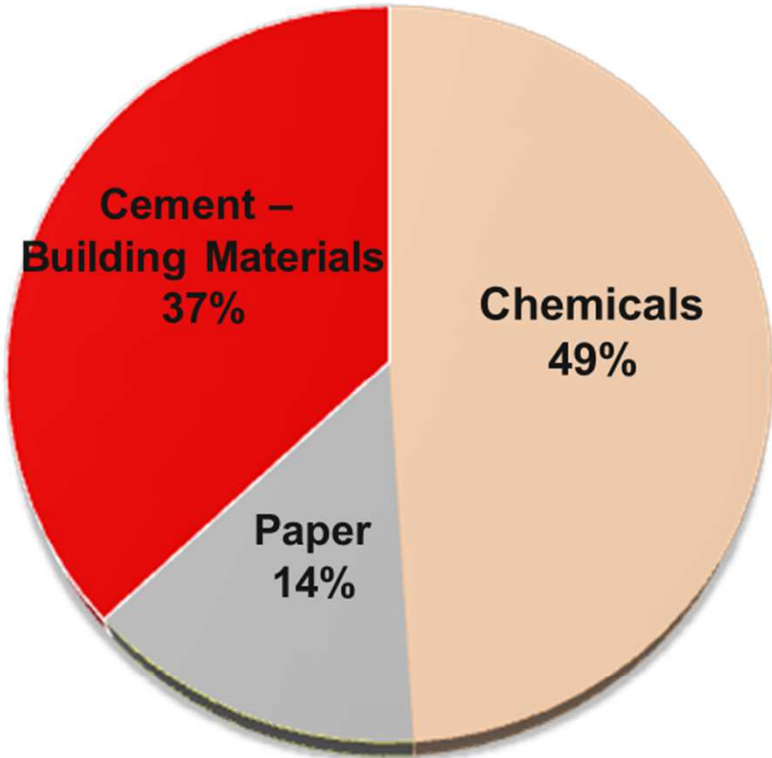
Siam Yamato Steel (10%)

Revenue from sales

H1/12
203,425 MB



H1/13
215,980 MB (+6% y-o-y)



ASEAN segments

ASEAN is an increasing part of SCG.

ASEAN as a % of SCG consolidated

	2006	2007	2008	2009	2010	2011	2012	H1/13
Sales from ASEAN Operations %	3%	5%	5%	7%	7%	7%	8%	8%
MB	7,700	13,400	14,600	16,700	19,000	22,500	31,200	17,790
Assets %	3%	5%	5%	7%	7%	13%	14%	15%
MB	6,800	13,000	14,500	22,500	26,700	47,000	55,300	64,400
HR* %	5%	10%	11%	11%	12%	19%	26%	32%
Staffs	1,180	2,628	2,974	3,225	3,777	6,519	10,037	14,902

* Including SCG's international staff (Thai)

Chemicals - Naphtha Cracker (consolidated)

Ethylene	1,700,000 tons
Propylene	1,200,000 tons

Chemicals - Downstream (consolidated)

HDPE	920,000 tons
LDPE + LLDPE	220,000 tons
PP	720,000 tons
PVC (Thai, Indo, Viet)	886,000 tons

Cement - Building Materials (consolidated)

Grey Cement (Thai, Camb)	24 million tons
Ready-Mixed Concrete (Thai, Camb, Myan, Indo, Laos, Viet)	550 batching plants
White Cement (Thai, Viet)	0.4 million tons
Ceramic Tiles (Thai, Indo, Phil, Viet)	225 M sqm
Roofing Tiles (Thai, Camb, Phil, Viet)	89 M sqm
Ceiling & Wall Products	92 M sqm
Autoclaved Lightweight Concrete	15 M sqm

Paper (consolidated)

Packaging Paper (Thai, Phil, Viet)	1.88 million tons
Box (Thai, Malay, Sing, Viet)	976,000 tons
Printing & Writing Paper	570,000 tons
Short Fibre Pulp	470,000 tons

Chemicals - Associates (equity accounting)

Dow Chemicals JV (50%)

- LLDPE	650,000 tons
- Propylene Oxide	390,000 tons
- Specialty Elastomer	220,000 tons
- PS	140,000 tons
- SM	300,000 tons
- Synthetic Latex	18,000 tons

Mitsui Chemicals JV (20% - 50%)

- PTA (50%)	1,440,000 tons
- PET (20%)	133,000 tons
- PP Compound (46%)	168,000 tons
- LLDPE Cast Film (45%)	15,000 tons

Mitsubishi Rayon JV (47%)

- MMA	175,000 tons
- Cast Sheets	20,000 tons

Chandra Asri JV(30%)

- Ethylene	600,000 tons
- Propylene	320,000 tons
- HDPE / LLDPE	336,000 tons
- PP	480,000 tons
- SM	340,000 tons

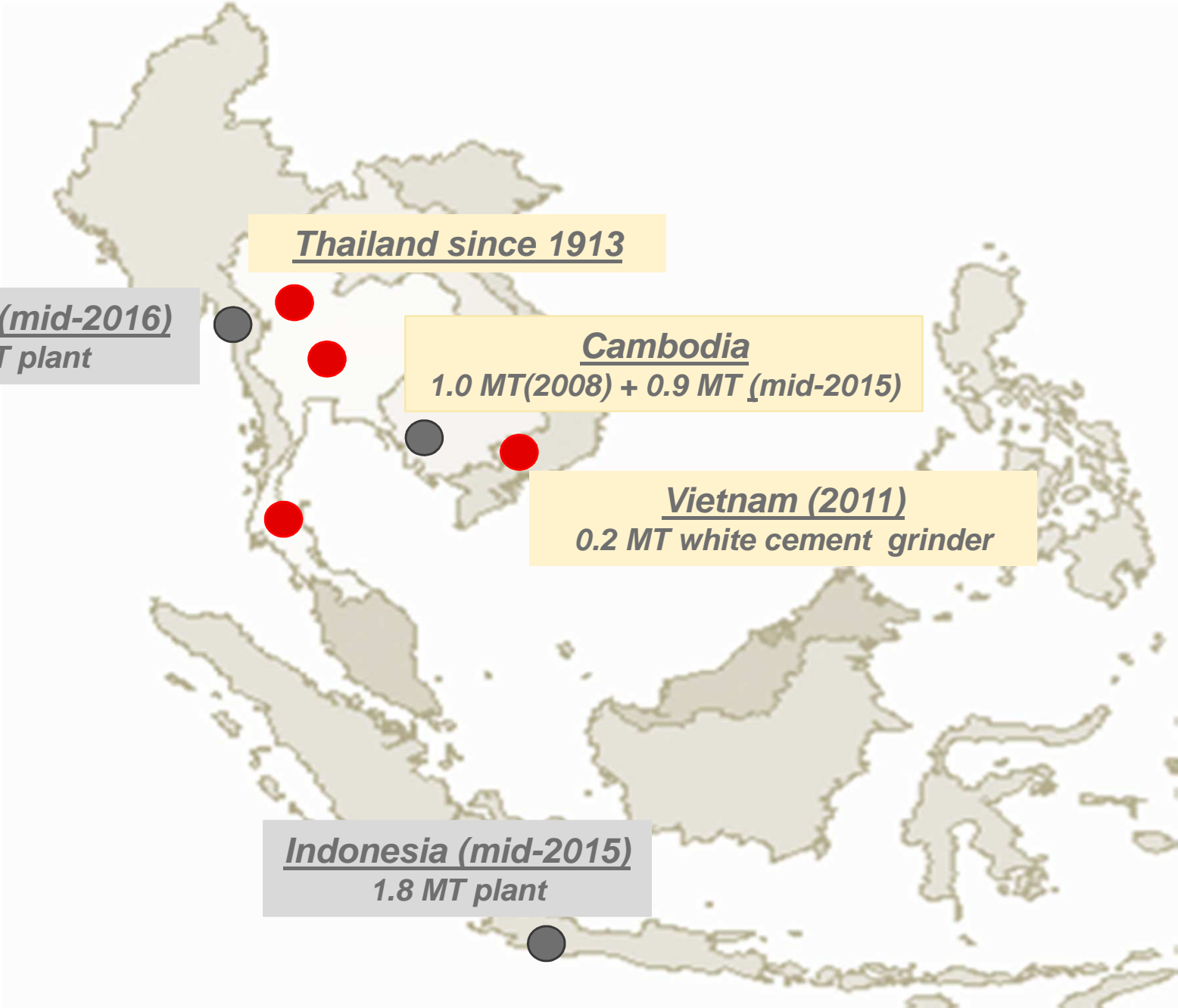
Bangkok Synthetic (26%)

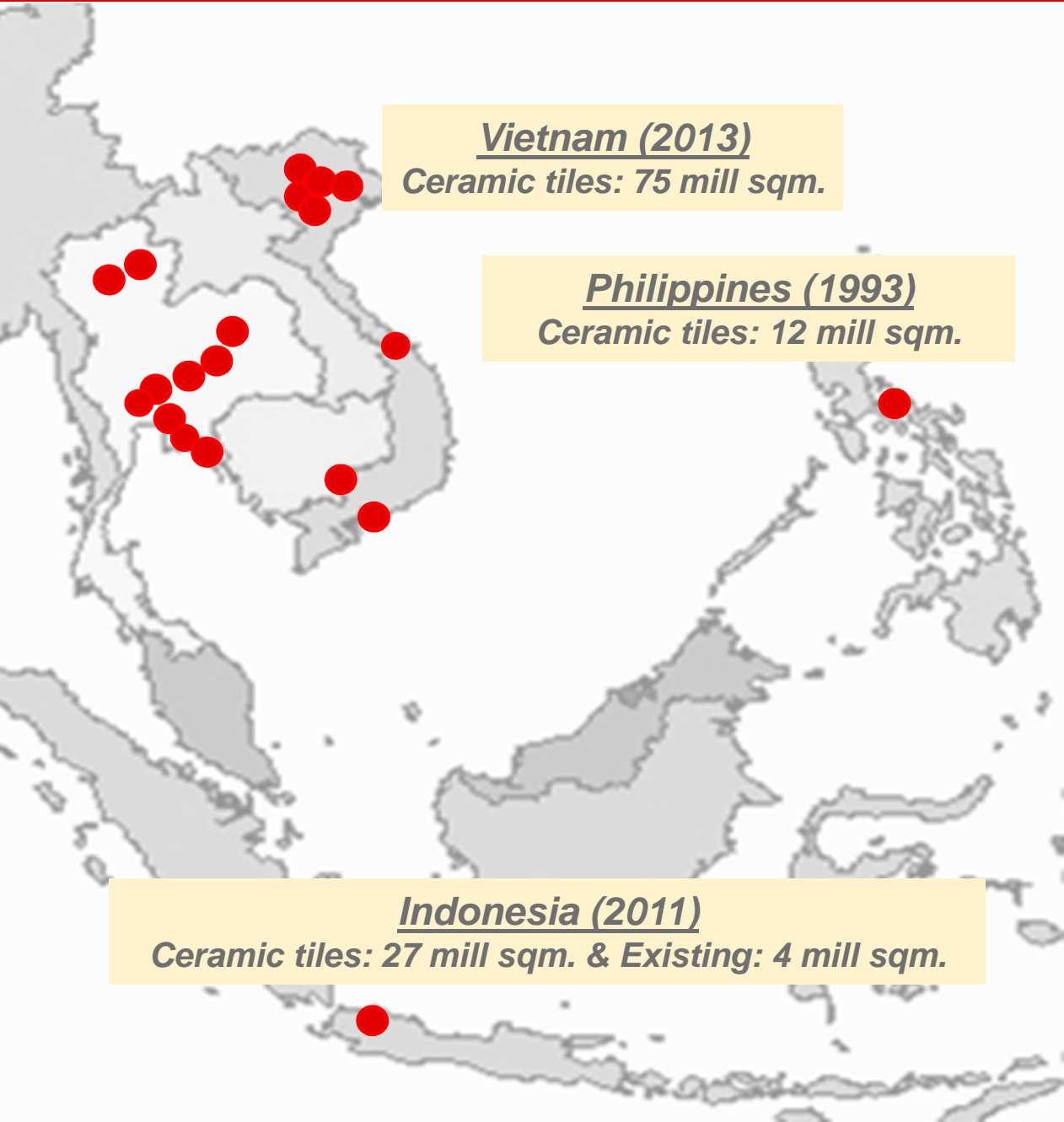
- Butadiene	140,000 tons
- SBR	80,000 tons

Incremental capacity

Capacity at year end	Total Capacity									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	
Chemicals Upstream (Cracker) - ('000 tons)										
Ethylene (subsidiary)	800	800	800	1,700	1,700	1,700	1,700	1,700	1,700	1,700
Propylene (subsidiary)	400	400	400	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Chandra Asri (30% stake)										
Ethylene	-	-	-	-	600	600	600	600	600++	
Propylene	-	-	-	-	320	320	320	320	320++	
Chemicals Downstream - ('000 tons)										
HDPE (subsidiary)	520	520	520	920	920	920	920	920	920	
PP (subsidiary)	320	320	320	720	720	720	720	720	720	
PVC (90% stake in TPC)	858	828	766	886	886	886	886	886	886	
Chemicals Downstream (JV) - ('000 tons)										
LLDPE (Dow JV)	300	300	300	650	650	650	650	650	650	
Specialty Elastomers (Dow JV)	-	-	-	-	220	220	220	220	220	
Propylene Oxide (Dow JV)	-	-	-	-	390	390	390	390	390	
LLDPE cast sheet film (Mitsui Tohcello JV)	-	-	-	-	-	-	-	15	15	
MMA (Mitsubishi Rayon JV)	85	85	85	175	175	175	175	175	175	
Cast Sheets (Mitsubishi Rayon JV)	-	-	20	20	20	20	20	20	20	
HDPE / LLDPE (CAP JV)	-	-	-	-	336	336	336	336	336	
PP (CAP JV)	-	-	-	-	480	480	480	480	480	
SM (CAP JV)	-	-	-	-	340	340	340	340	340	

Capacity at year end	Total Capacity									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	
Paper - ('000 tons)										
Printing & Writing Paper	365	570	570	570	570	570	570	570	570	
Packaging Paper	1,660	1,660	1,880	1,880	1,880	1,880	1,880	1,880	2,280	2,280
Box	550	637	692	741	795	855	976	976	976	
Machine Glazed Paper (Nippon Paper JV)	-	-	-	-	-	43	43	43	43	
Cement - (MT)										
Grey Cement (Camb, Indo)	23	24	24	24	24	24	24	24	27	
White Cement (Thai, Viet)	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	
Mortar	0.9	1.3	1.3	1.3	2.1	2.1	2.1	3.1	3.1	
Building Products - (M sqm)										
Ceramic Tiles	95	122	122	122	149	149	225	225	225	
Ceiling & Wall product	34	50	57	57	65	65	92	92	92	
Lightweight concrete	3	3	3	15	15	15	15	21	21	
Modular Home (Sekisui Heim JV)	-	-	-	200	200	200	1,000	1,000	1,000	





Product types:

Thailand	Roofing Ceramic tiles Others
Indonesia	Roofing Ceramic tiles Others
Philippines	Roofing Ceramic tiles
Cambodia	Roofing
Vietnam	Roofing Ceramic tiles

Capacity:

Ceramic Tiles	225 mill sqm.
Roofing Tiles	89 mill sqm.
Ceiling & Wall Products	92 mill sqm.
Lightweight Concrete	15 mill sqm.

Thailand:
ROC (1999) / MOC (2010) complexes

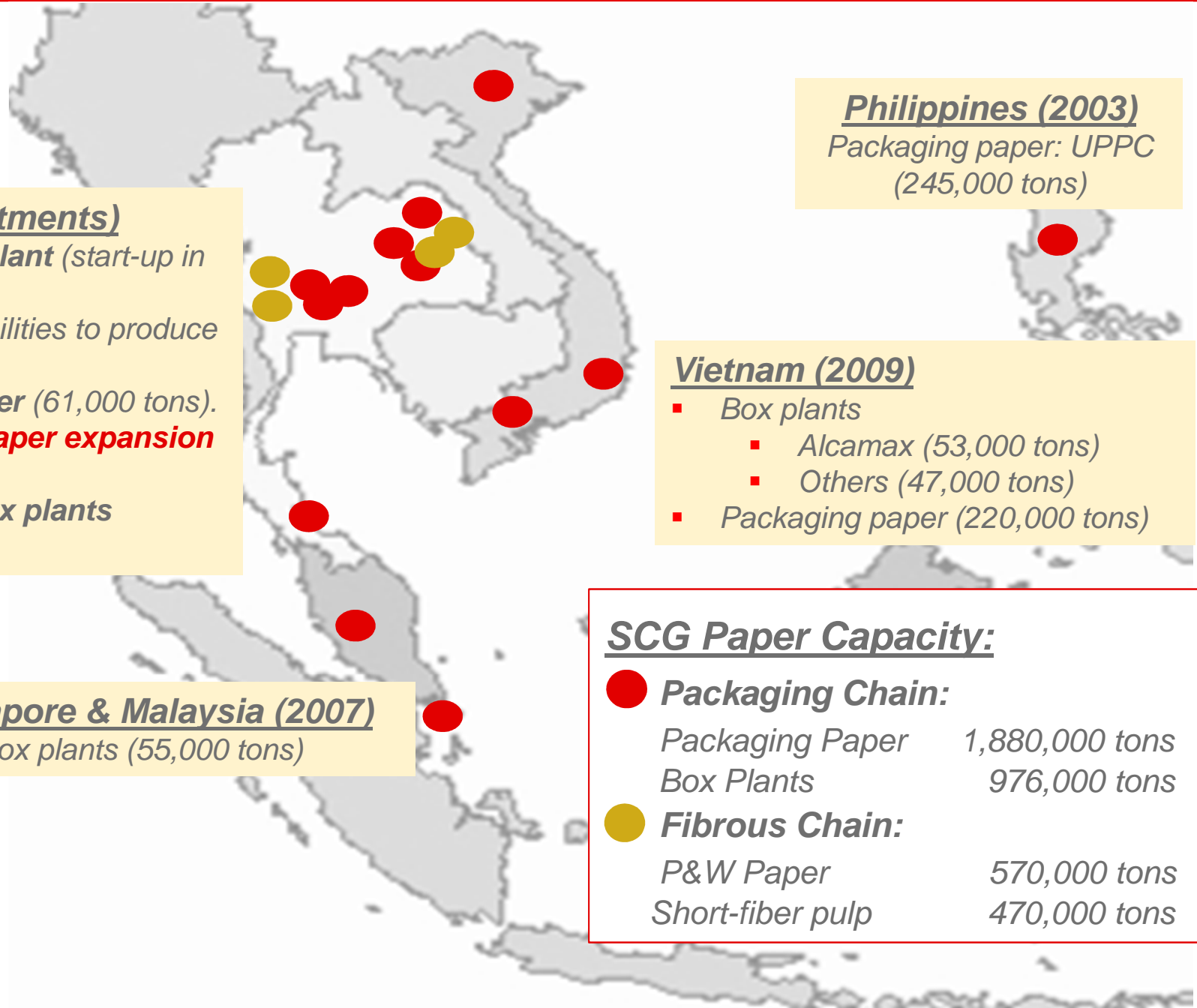
Vietnam Complex (JV Agreement)

- SCG 28%, TPC 18%
- Flex-feed cracker
- Olefins capacity of 1.4 MT

Indonesia:
Chandra Asri (2011) 30% stake

Existing:

Existing	Stake	Olefins Capacity ('000 tons)		
		Ethylene	Propylene	Total
ROC	SCG 64%	800	400	1,200
MOC	SCG 67%	900	800	1,700
Chandra	SCG 30%	600	320	920
Existing total				3,820



Thailand (recent investments)

- Machine glazed paper plant (start-up in mid-2014)
- Upgrade existing pulp facilities to produce **dissolving grade pulp**
- M&A of **Tawana Container** (61,000 tons).
- **Greenfield packaging paper expansion (400,000 tons)**
- M&A of **Dyna / Orient box plants** (121,000 tons).

Philippines (2003)
Packaging paper: UPPC
(245,000 tons)

Vietnam (2009)

- Box plants
 - Alcamax (53,000 tons)
 - Others (47,000 tons)
- Packaging paper (220,000 tons)

Singapore & Malaysia (2007)

Box plants (55,000 tons)

SCG Paper Capacity:

● Packaging Chain:

Packaging Paper	1,880,000 tons
Box Plants	976,000 tons

● Fibrous Chain:

P&W Paper	570,000 tons
Short-fiber pulp	470,000 tons

Distribution's network coverage

Overseas network coverage with 34 offices in 22 countries, in addition to ASEAN base in distribution, logistics and retail sales.

North America:

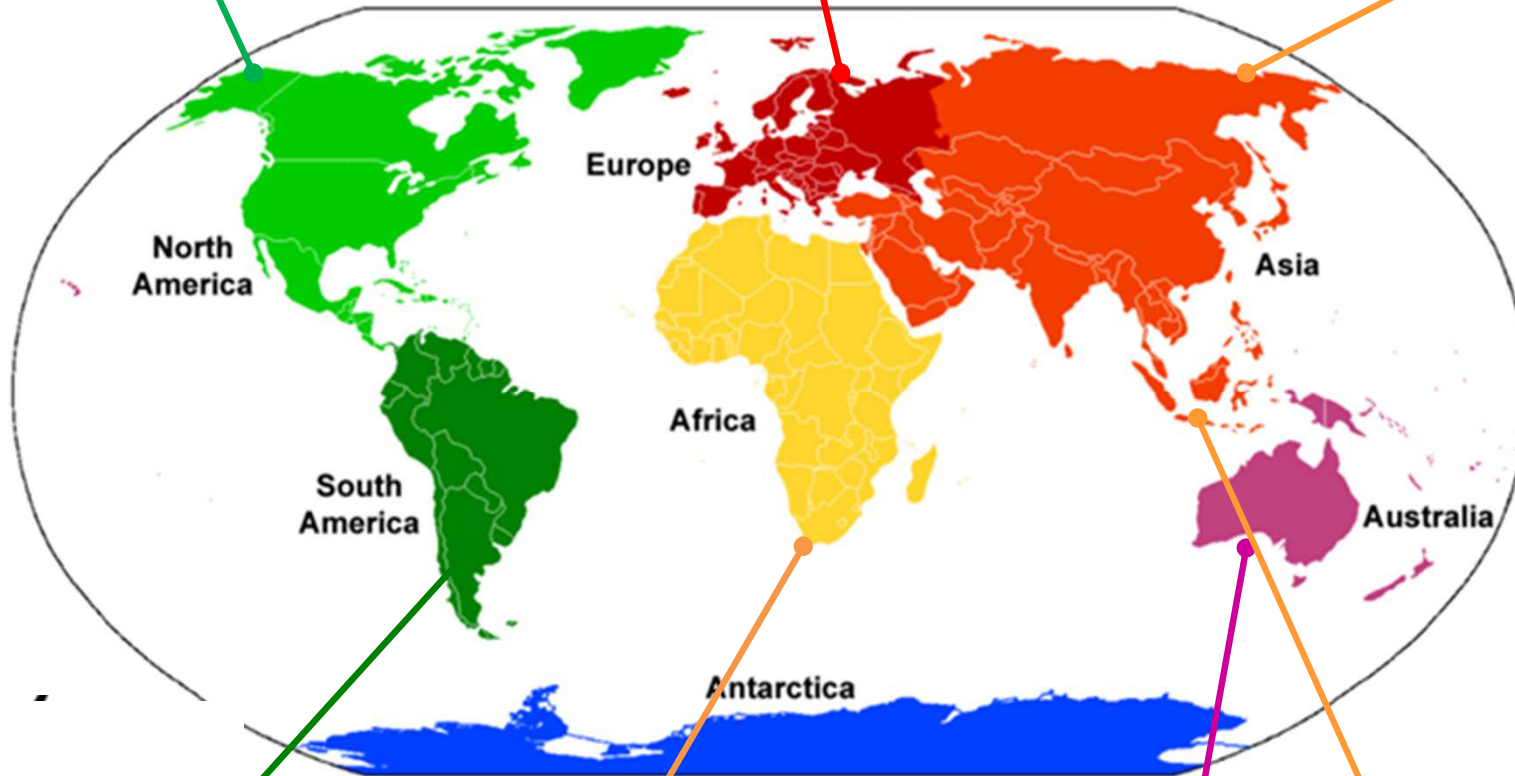
- U.S.A. L.A. , Philadelphia
Dallas
- Canada Vancouver

Europe:

- Hungary Budapest
- France Paris

Asia:

- Philippines Manila
- Malaysia Kuala Lumpur
- Singapore Singapore
- Indonesia Jakarta
- Vietnam Ho Chi Minh City,
Hanoi,
Danang
- Cambodia Phnom Penh
- Myanmar Yangon
- Laos Vientiane
- China Shanghai,
Foshan,
Kunming,
Guangzhou,
Nanning
- Hong Kong Hong Kong
- Taiwan Taipei
- India Chennai,
Mumbai,
- Bangladesh Dhaka
Chittagong
- U.A.E. Dubai
- Jordan Amman
- Russia Moscow



South America:

- Brazil Rio de Janeiro

Africa:

- South Africa Johannesburg
- Tanzania Dares Salaam

Australia:

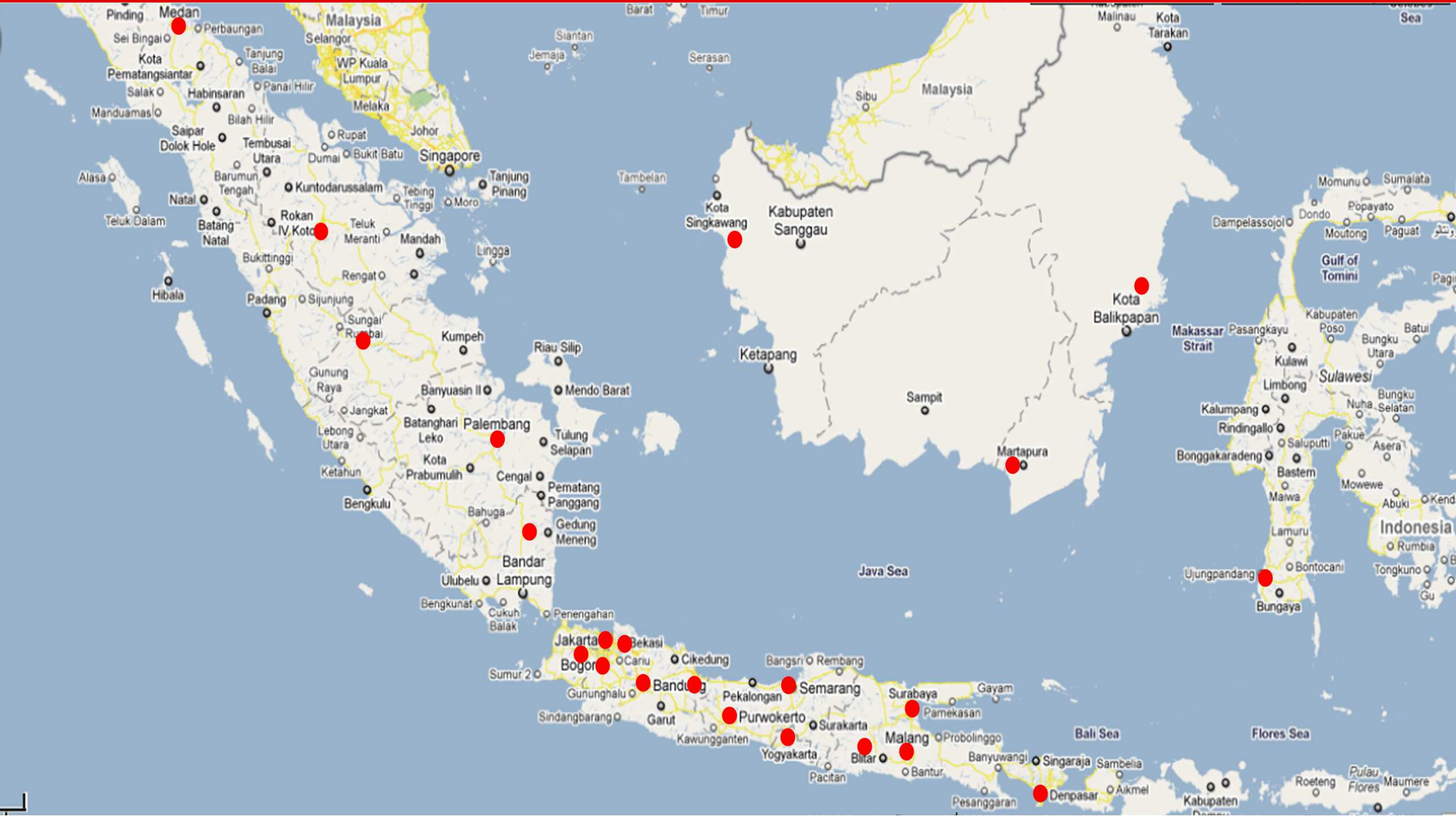
- Australia Sydney

*Excluded Thailand

KOKOH: 22 distribution centre in Indonesia

Indonesian distribution channels

Kokoh's 22 distribution centre.



SCG eco value

Thailand's first eco label, accounting for 24% of SCG's H1/13 sales, or approx. 50,800 MB.



Cool Roofing System
40% Energy Reduction



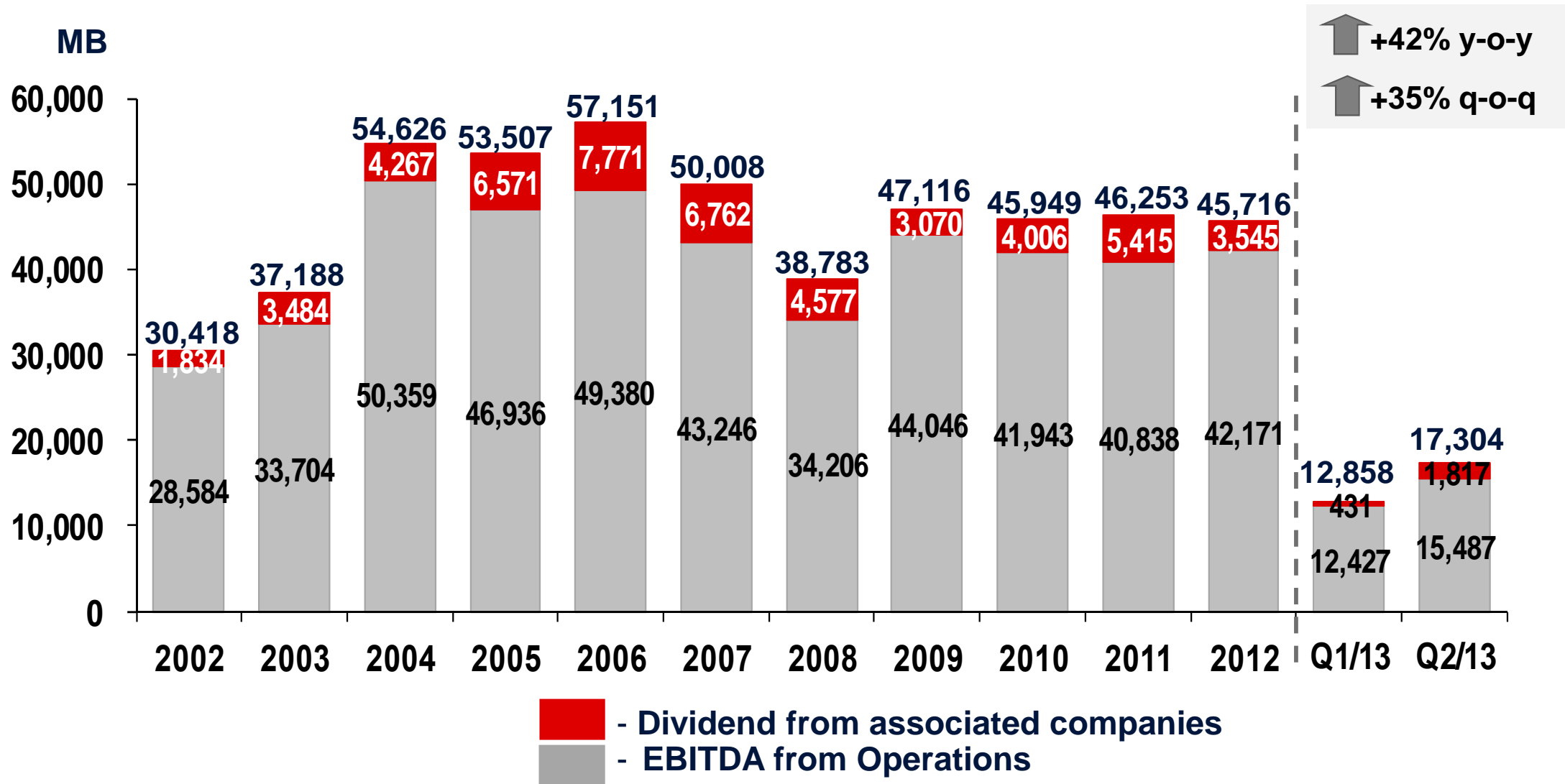
Cerafino Solar Roof Tiles
Solar Power



Heat Insulation STAYCOOL
Recycled Contents > 80%



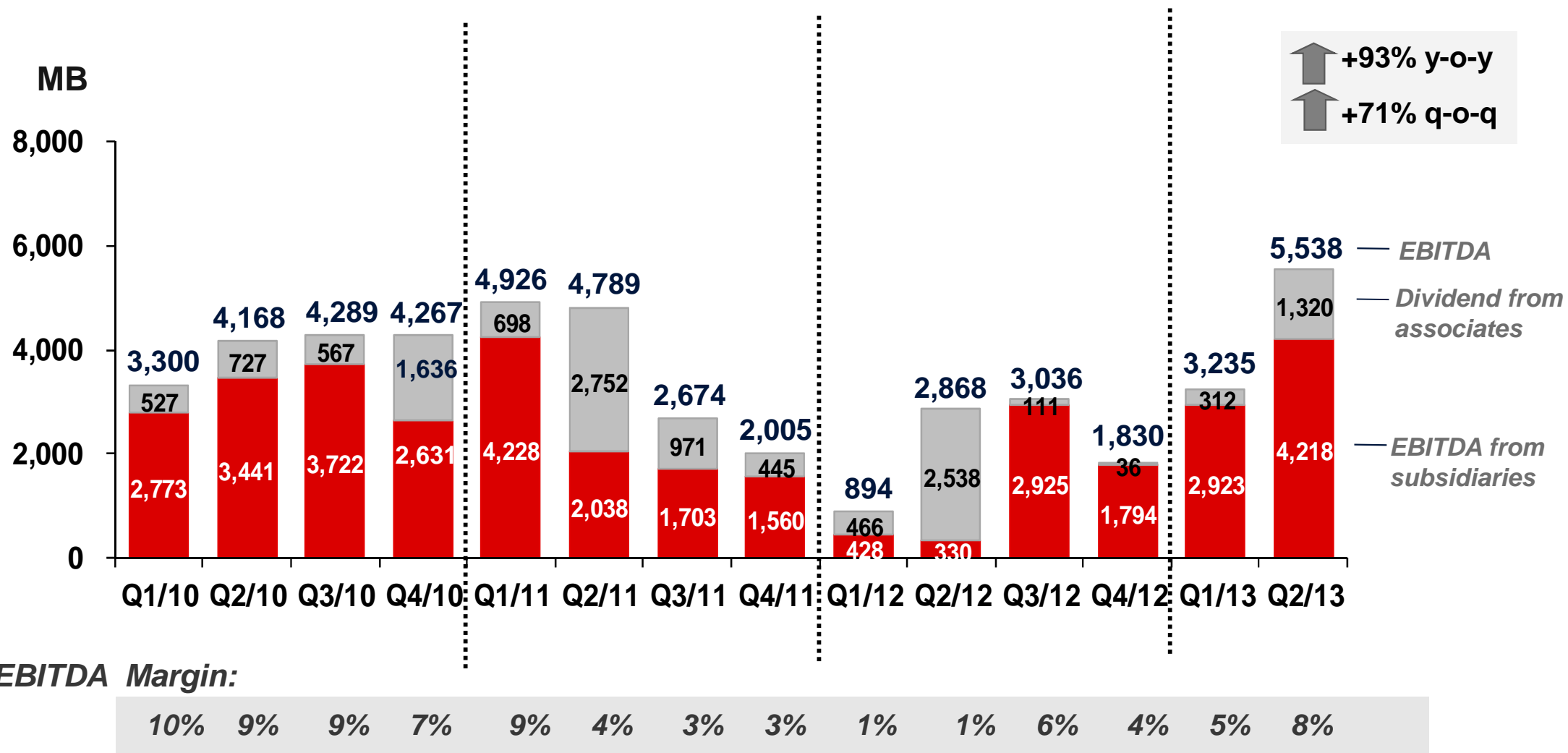
COTTO Sanitary Ware and Fittings
Reduces Water Usage by 25%



+42% y-o-y
 +35% q-o-q

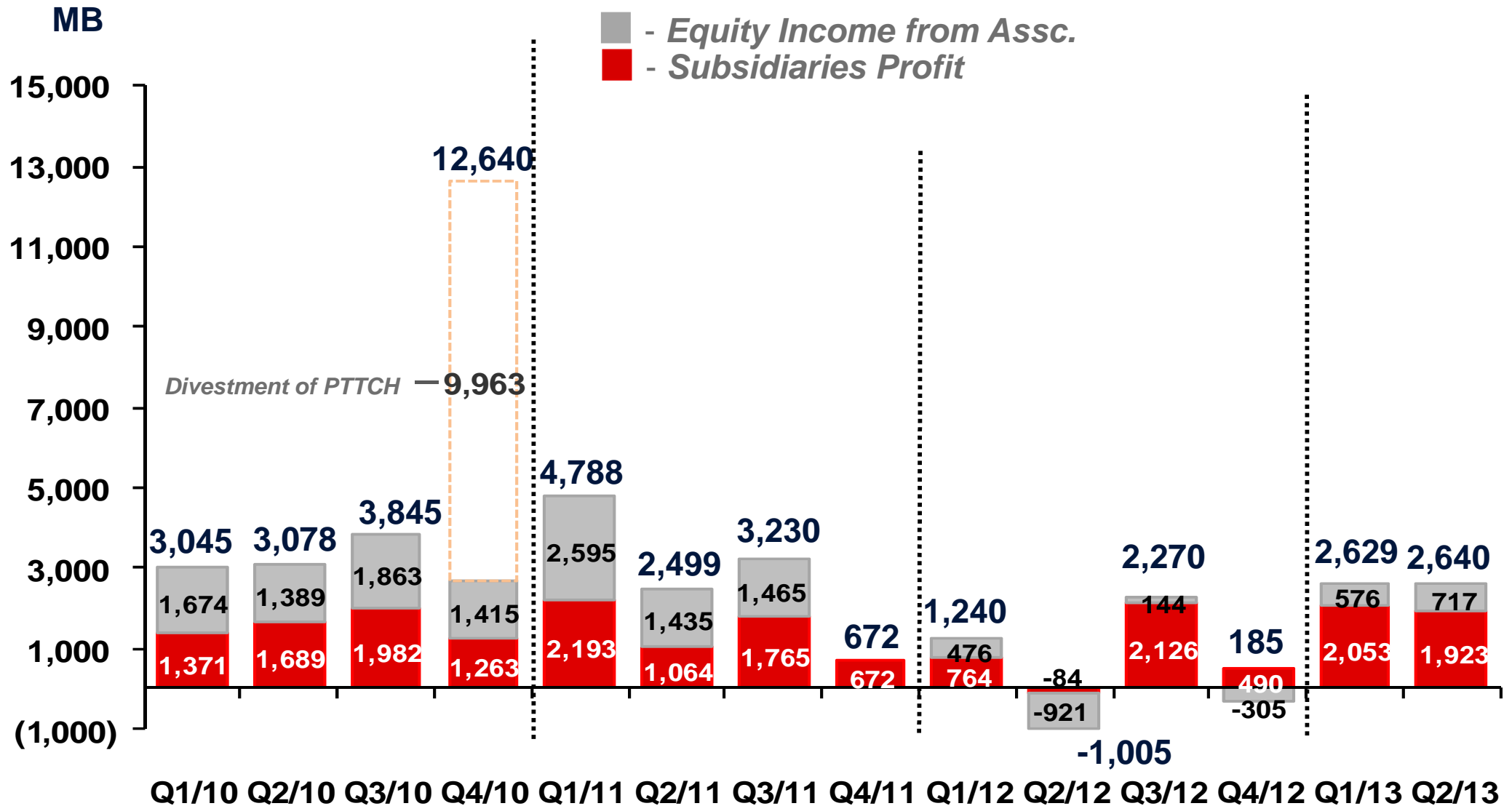
Note: EBITDA includes dividend received

Chemicals EBITDA

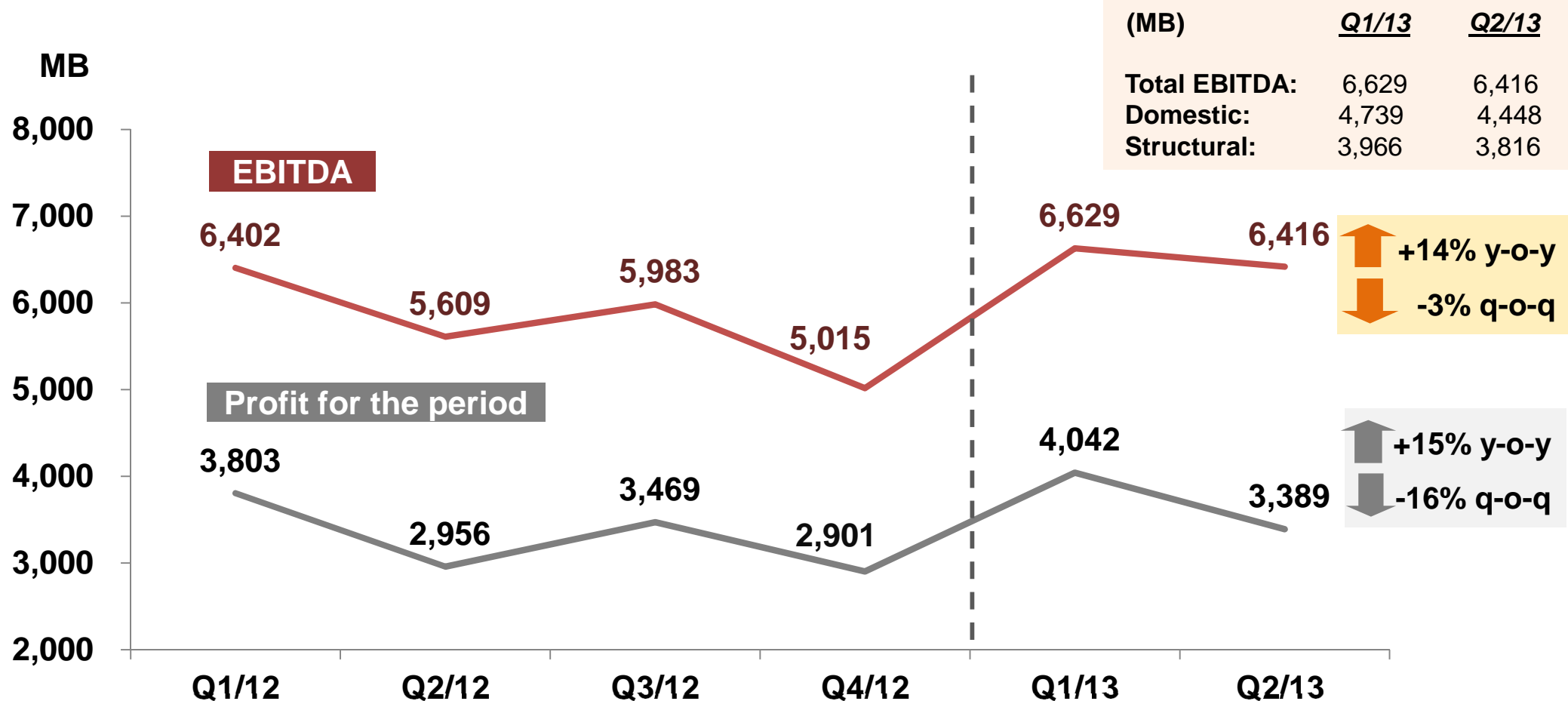


Note: EBITDA = EBITDA from operations + dividend from associated companies

Chemicals profitability



Cement - Building Materials financials

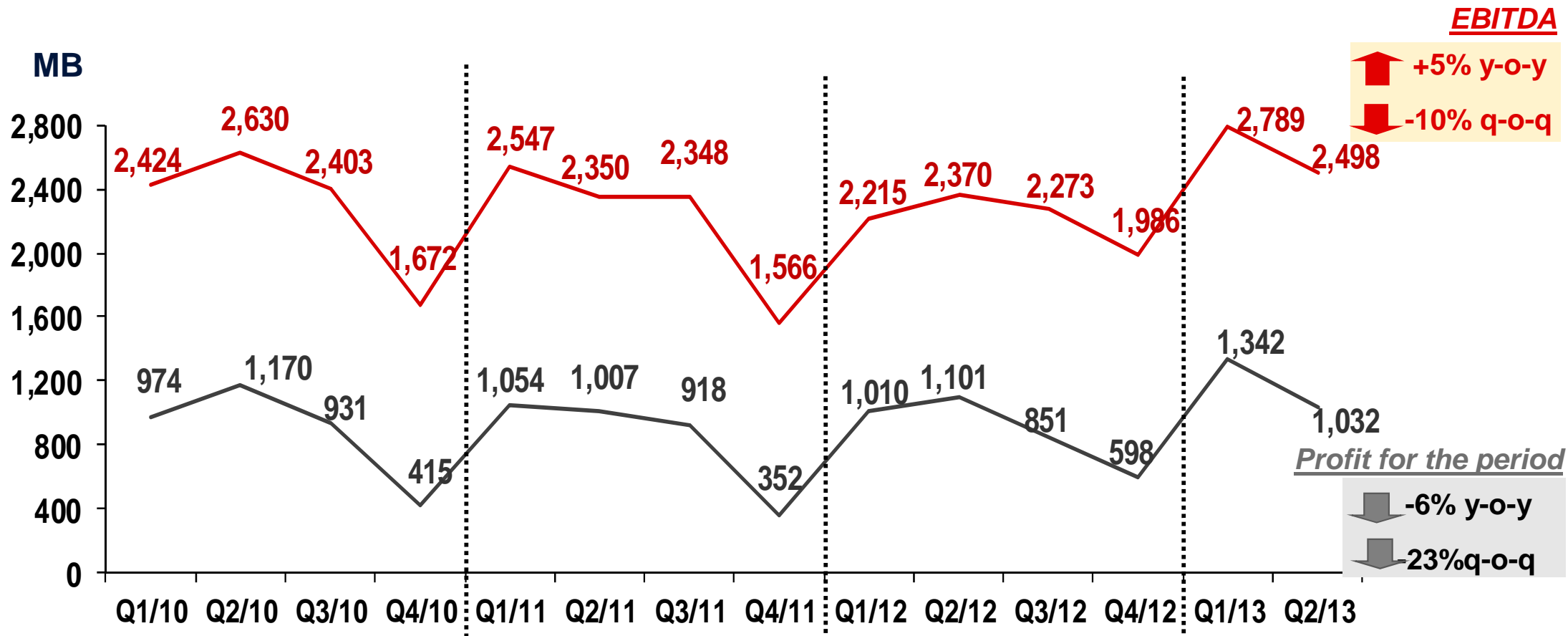


↑ +14% y-o-y
↓ -3% q-o-q
↑ +15% y-o-y
↓ -16% q-o-q

EBITDA Margin*:

Total	17%	14%	15%	13%	15%	15%
Domestic:	-	-	-	-	17%	17%
Structural:	-	-	-	-	28%	27%

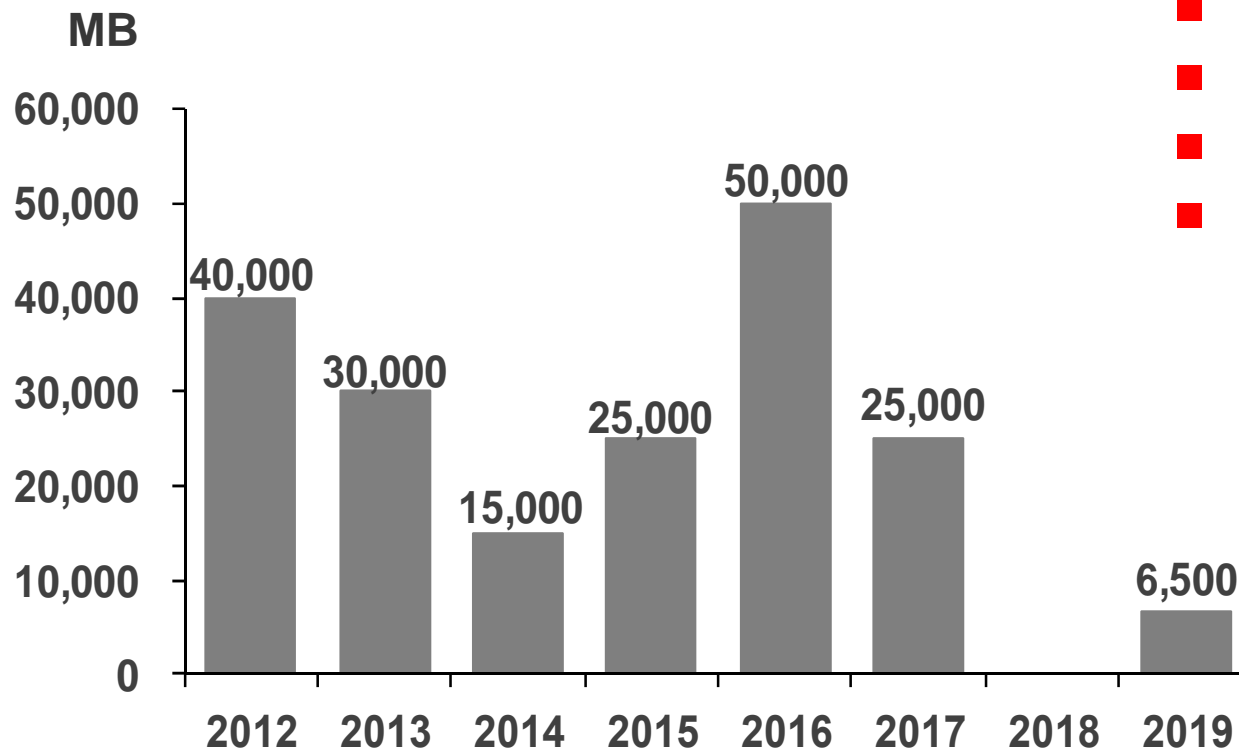
* EBITDA margin = EBITDA from Operations / Consolidated Sales



EBITDA Margin

All	19%	21%	18%	13%	19%	18%	16%	12%	16%	16%	16%	14%	19%	17%
Packaging	16%	17%	14%	11%	17%	15%	14%	11%	15%	16%	18%	17%	21%	19%
Fibrous	25%	28%	26%	16%	22%	22%	21%	14%	17%	16%	10%	7%	14%	13%

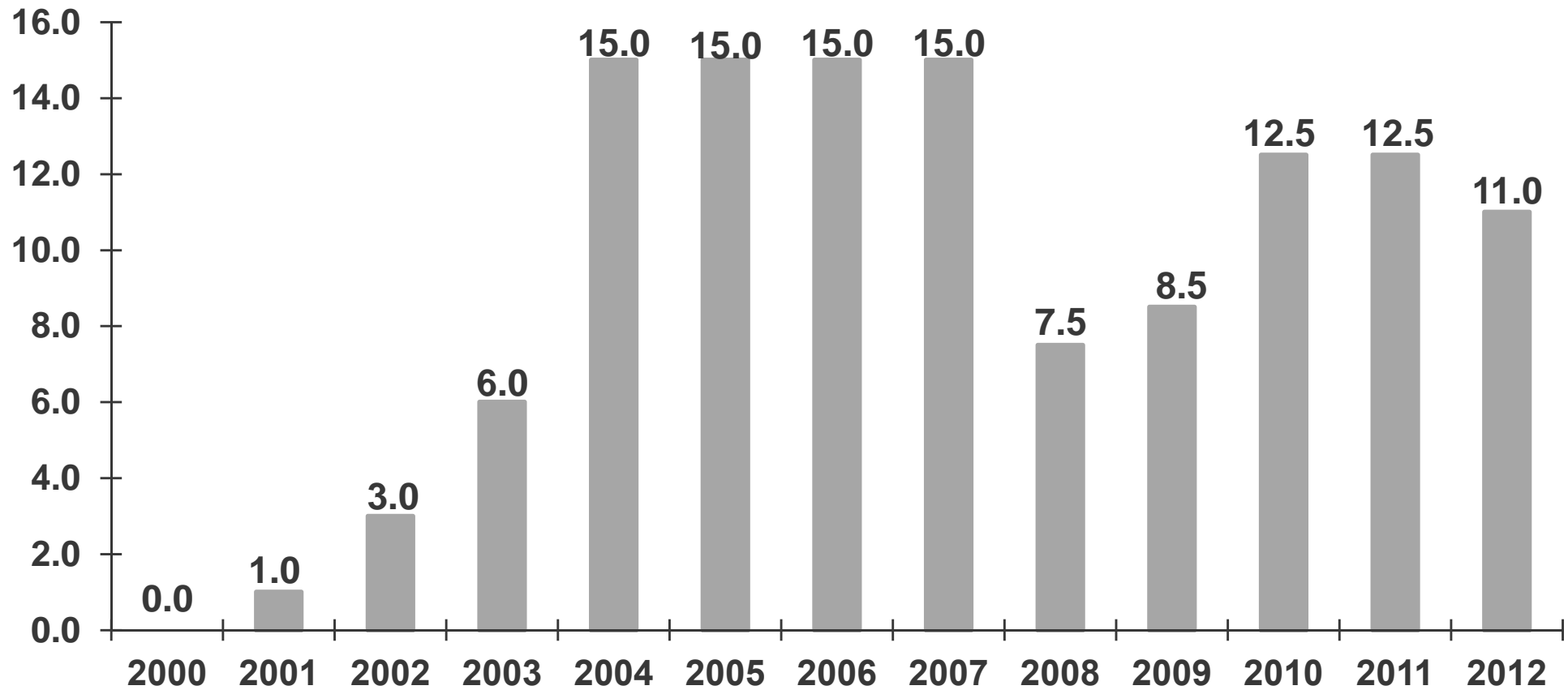
Debenture Maturity Table



- *Mainly retail investors.*
- *Unsecured, unsubordinated.*
- *No debt covenant.*
- *Thai Baht, mainly 4 years fixed.*
- *“A” rating by Fitch.*

NOTE: Debentures amount to 131,500 MB, as of Apr/13.

Baht / Share



% of Net Profit	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
	0%	16%	25%	36%	49%	56%	61%	59%	54%	42%	40%	55%	56%

Note: Dividend policy established in 2008

Sales & Assets:

Sales (MB)	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	H1/13
Consolidated	120,353	128,201	148,865	192,395	218,265	258,175	267,737	293,230	238,664	301,323	368,579	407,601	215,980
Chemicals	38,152	42,394	50,767	75,185	86,084	122,645	130,223	136,527	101,115	144,317	192,929	203,539	105,837
Paper	26,995	29,305	33,564	38,265	40,306	42,645	43,890	47,110	42,729	51,714	54,839	57,430	29,414
Cement	24,183	27,269	30,552	36,658	41,630	44,123	44,087	49,999	46,661	48,954	54,249	67,558	85,364
Building Materials	13,046	16,129	18,147	20,542	22,227	22,745	21,281	23,351	26,873	30,719	34,171	41,340	
Distribution	53,326	52,191	56,551	68,558	76,070	81,519	86,440	102,672	86,641	96,898	111,920	126,690	
Assets (MB)	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	H1/13
Consolidated	174,804	167,388	176,566	191,081	199,370	226,264	248,256	285,776	315,992	359,219	373,789	395,573	421,862
Chemicals	54,284	57,762	67,254	75,186	78,656	109,391	123,205	138,504	165,964	165,087	176,036	176,837	179,565
Paper	25,844	28,720	32,813	39,128	38,575	40,734	46,454	51,089	47,942	50,127	52,463	58,439	61,870
Cement	59,618	60,624	56,315	54,801	55,953	57,791	60,132	60,770	60,681	61,018	60,115	66,808	143,478
Building Materials	16,023	15,338	15,771	18,068	20,259	20,595	19,863	22,654	22,991	24,796	35,845	43,512	
Distribution	7,813	6,864	6,631	7,765	8,560	10,610	11,143	10,903	10,110	12,177	16,234	24,463	

EBITDA & Profit for the Period (MB):

EBITDA (MB)	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	H1/13
Consolidated	28,884	30,418	37,188	54,626	53,507	57,151	50,008	38,783	47,116	45,949	46,253	45,716	30,162
Chemicals	6,443	6,452	9,851	23,642	19,653	26,199	22,611	12,598	19,482	16,024	14,394	8,628	8,773
Paper	8,205	9,536	9,819	9,840	9,496	9,634	7,943	6,660	7,901	9,129	8,811	8,844	5,287
Cement	7,615	7,917	11,581	13,175	13,235	12,200	10,198	11,272	11,616	10,810	12,781	14,824	13,045
Building Materials	3,140	3,605	4,382	5,307	5,387	4,856	3,928	4,085	4,907	5,489	5,060	6,661	
Distribution	1,268	1,214	602	1,541	1,546	1,498	1,576	1,739	1,581	1,440	1,532	1,564	
Profit for the Period (MB)	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	H1/13
Consolidated	7,634	14,604	19,954	36,483	32,236	29,451	30,352	16,771	24,346	37,382	27,281	23,580	18,720
Chemicals	2,611	5,285	7,777	20,523	16,656	17,574	16,982	6,136	12,556	22,609	11,190	2,690	5,269
Paper	3,272	4,079	4,424	4,122	3,689	3,574	2,353	1,658	2,286	3,490	3,331	3,560	2,374
Cement	859	2,006	5,313	6,582	7,916	6,652	5,463	6,006	6,214	6,014	7,288	9,163	7,431
Building Materials	410	1,521	2,253	2,700	3,071	1,939	950	778	1,617	1,872	1,476	2,949	
Distribution	680	586	251	968	1,079	1,021	939	1,211	1,077	1,061	1,075	1,035	