



Analyst Conference Q1/11
Wednesday, April 27, 2011



**Dow Jones
Sustainability Indexes**
Member 2010/11

Ranked Gold Class: 2010, 2009, 2008
Member since: 2004

I. Consolidated Results

- Q1/11 Consolidated Results
- Financial Updates

II. Cement

III. Chemicals

IV. Paper

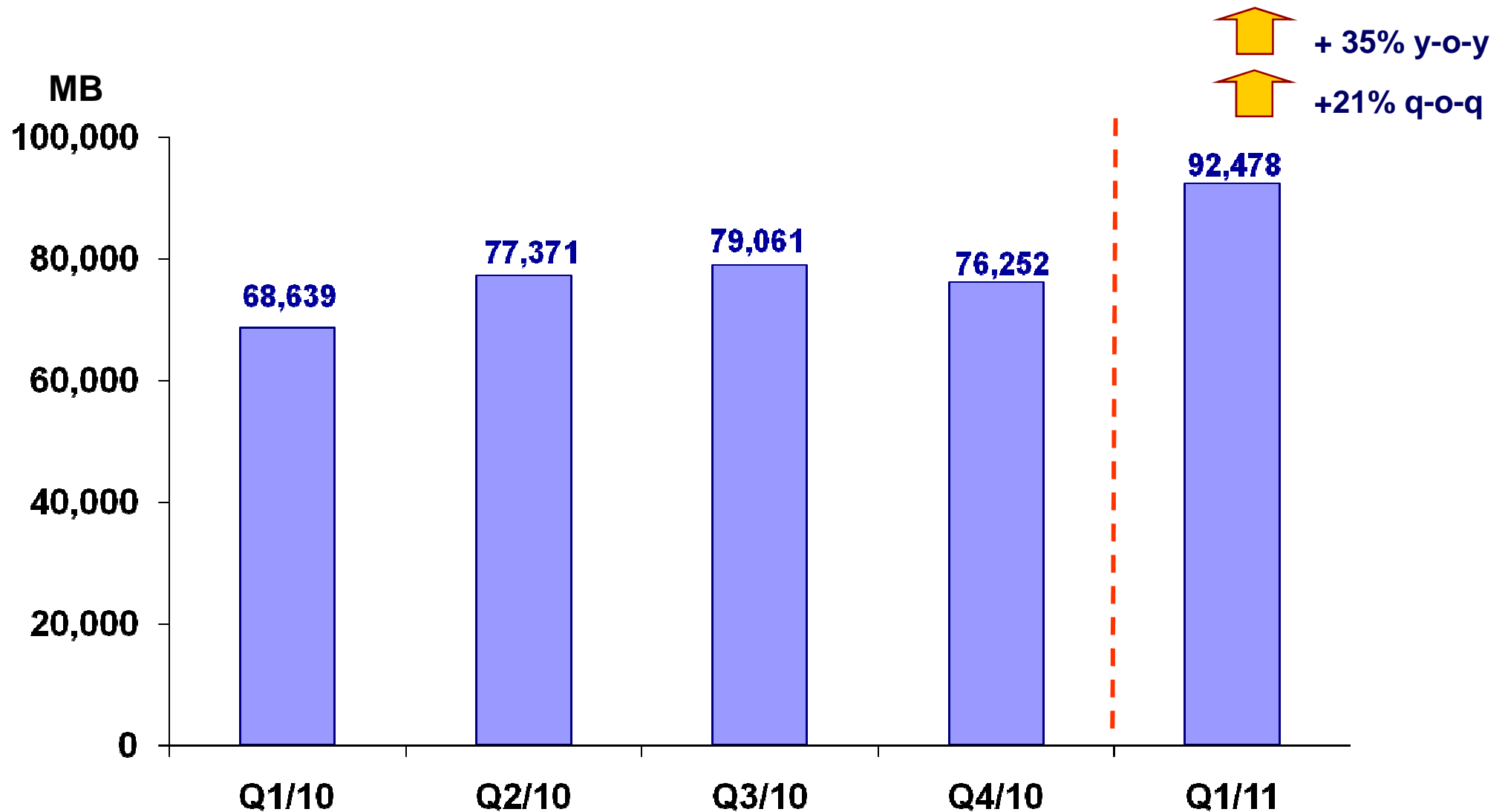
V. Medium Term Strategy

VI. Appendix

Revenue from Sales: Increased 35% y-o-y and 21% q-o-q, with sales growth from all businesses.



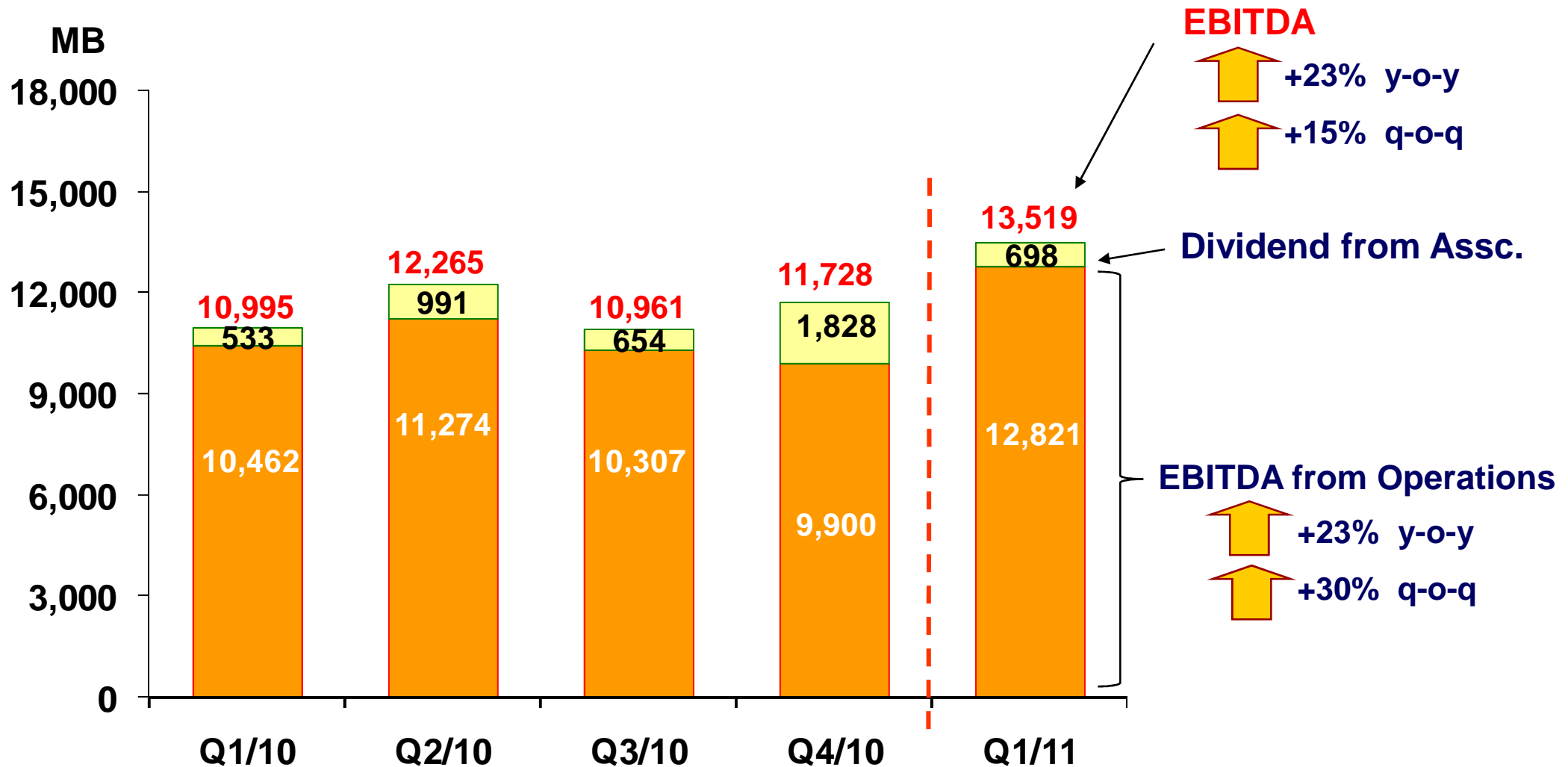
slide 3



EBITDA: Grew 23% y-o-y, boosted by volume from the second chemicals complex, and 15% q-o-q, after completion of the first chemicals complex major turnaround.



slide 4



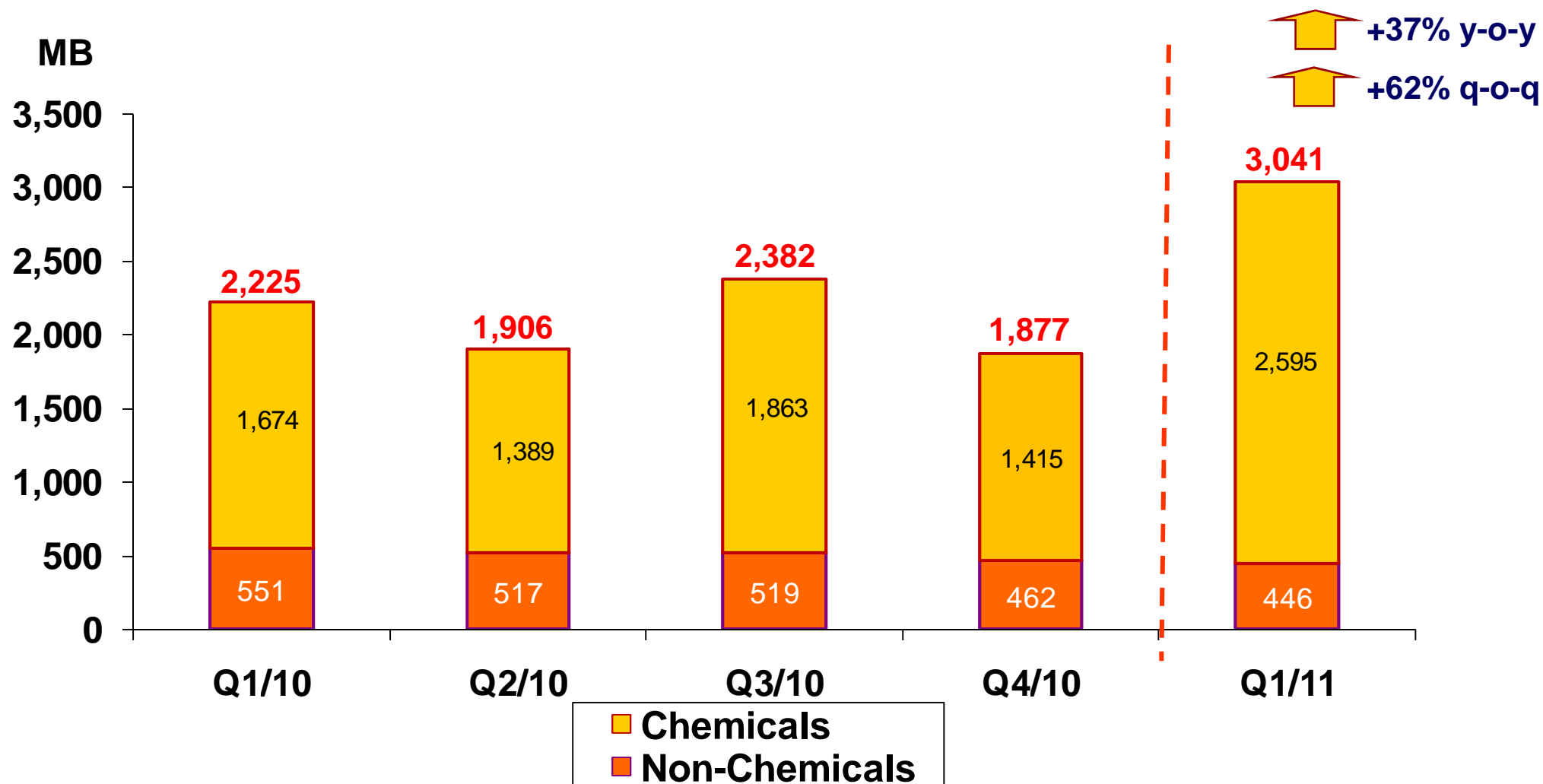
Note: EBITDA = EBITDA from Operations + Dividend from Associates

Equity Income: Increased 37% y-o-y and 62% q-o-q, with increased contribution from chemicals associates.



SCG

slide 5

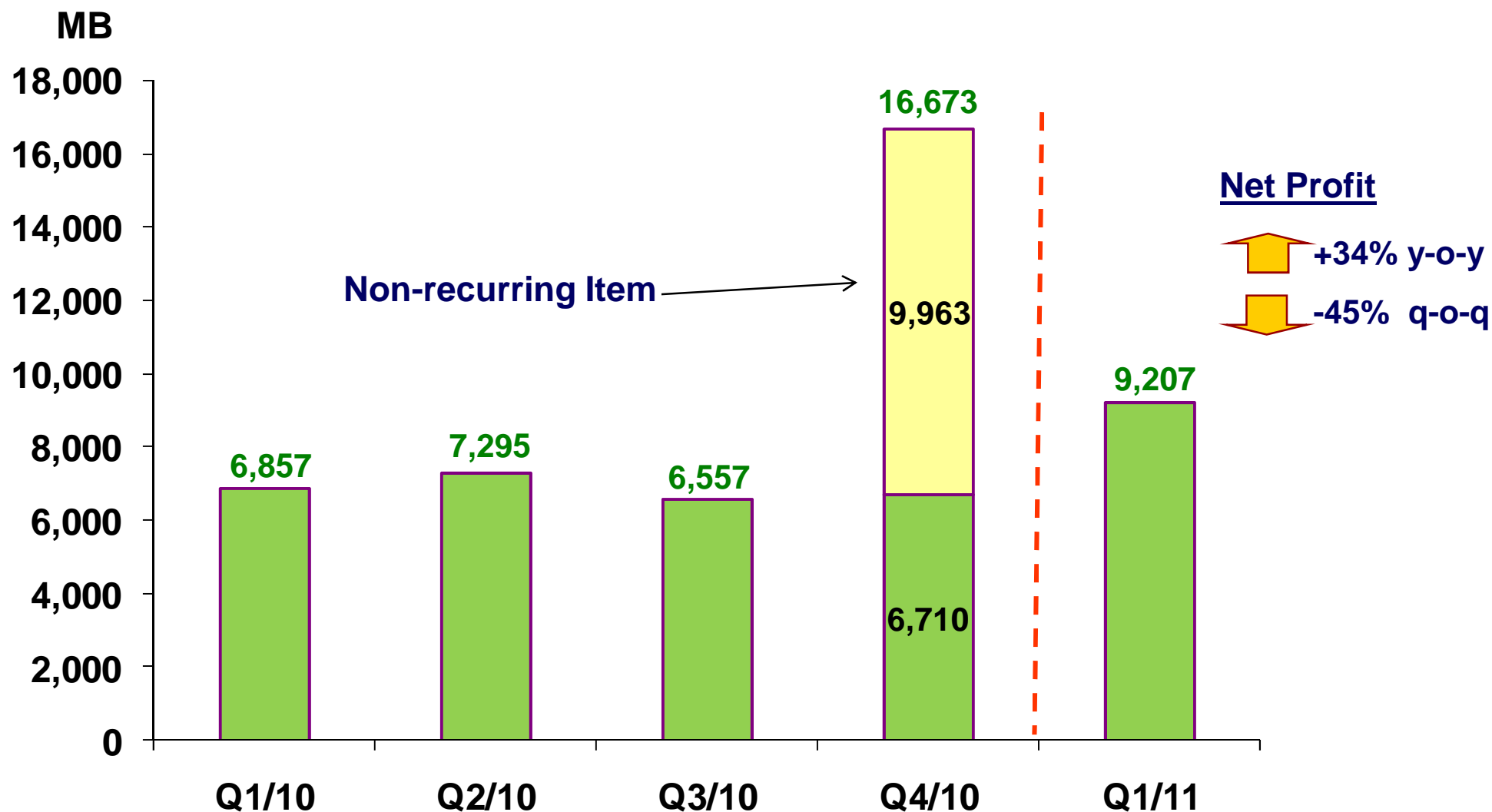


Net Profit: Net Profit grew 34% y-o-y, driven primarily by chemicals earnings.



SCG

slide 6



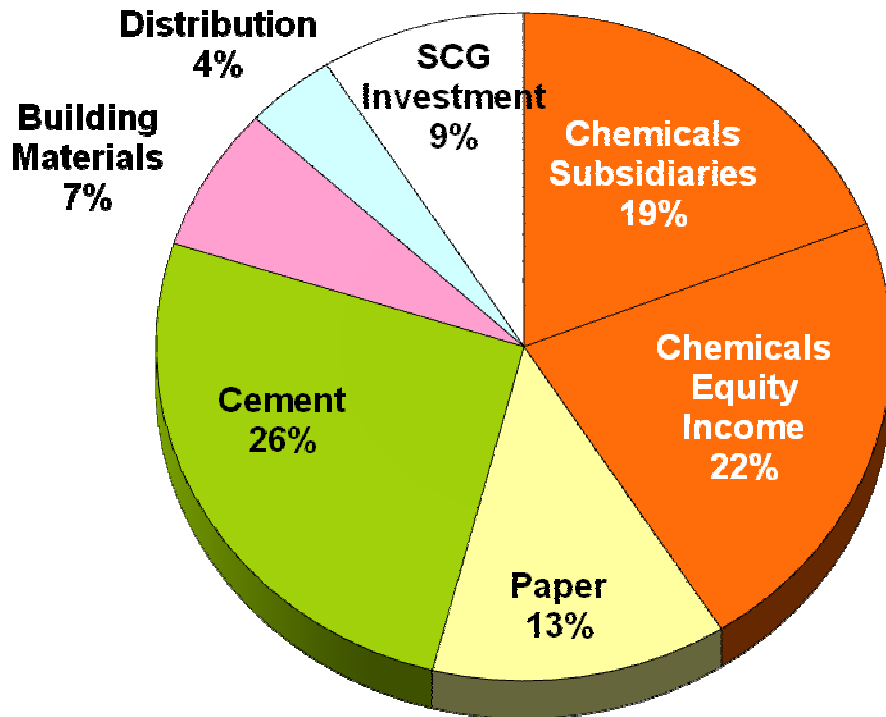
Net Profit Segmentation:

Chemicals' portion grew to 50% in Q1/11, following increased sale volume and equity income.

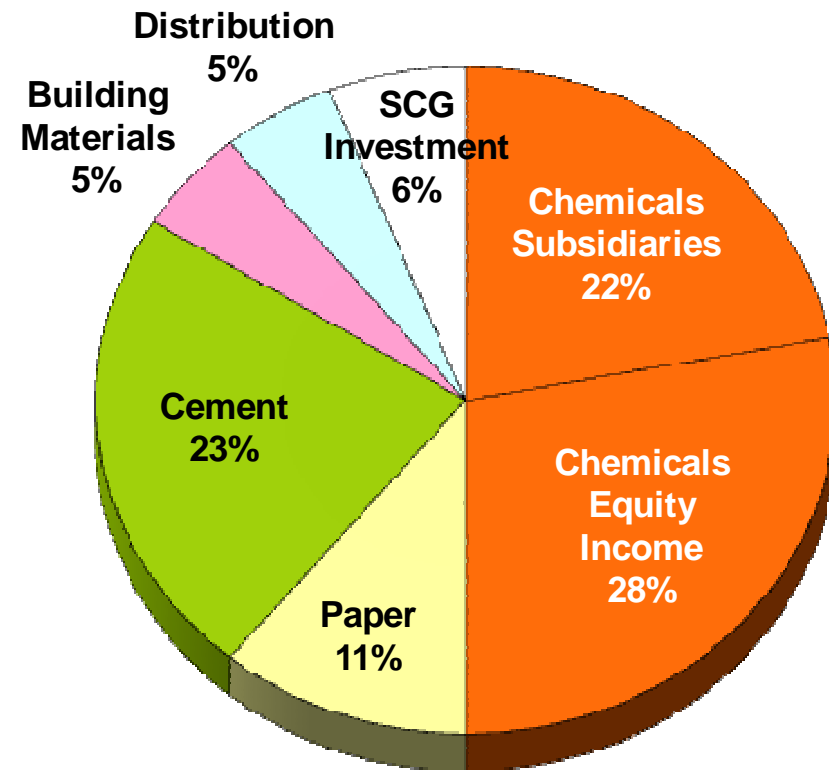


slide 7

Q1/10
6,857 MB



Q1/11
9,207 MB (+34% y-o-y)



SCG Investment's net profit is from:

- 1) dividend income (stake of <20%)
- 2) equity income (stake of 20% to 50%)

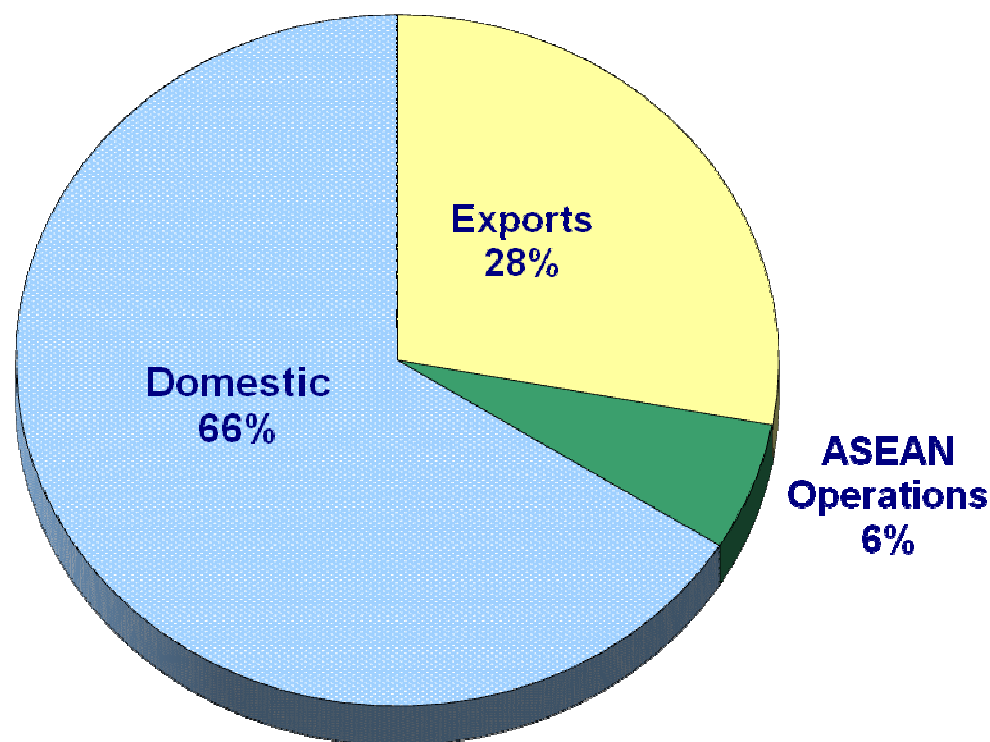
Export Destinations in Q1/11: Domestic sales grew to 66% with sales volume from the second cracker, while ASEAN accounted for 41% of exports.



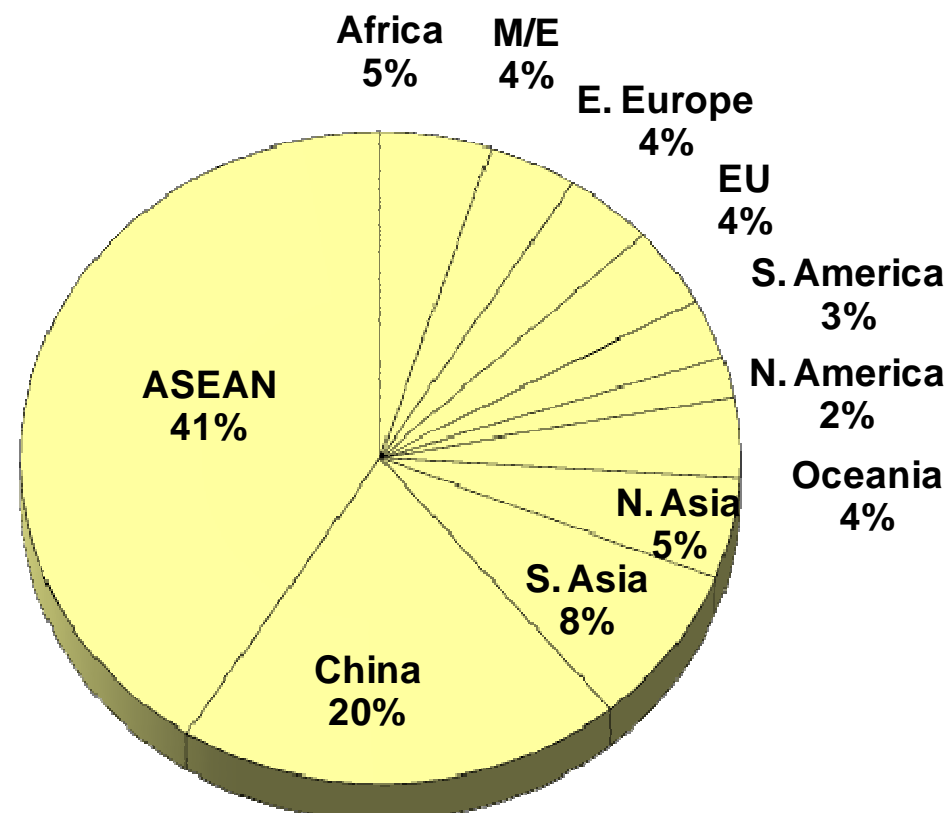
SCG

slide 8

Revenue from Sales



Export Destinations



ASEAN Operations - consolidated subsidiaries in ASEAN.

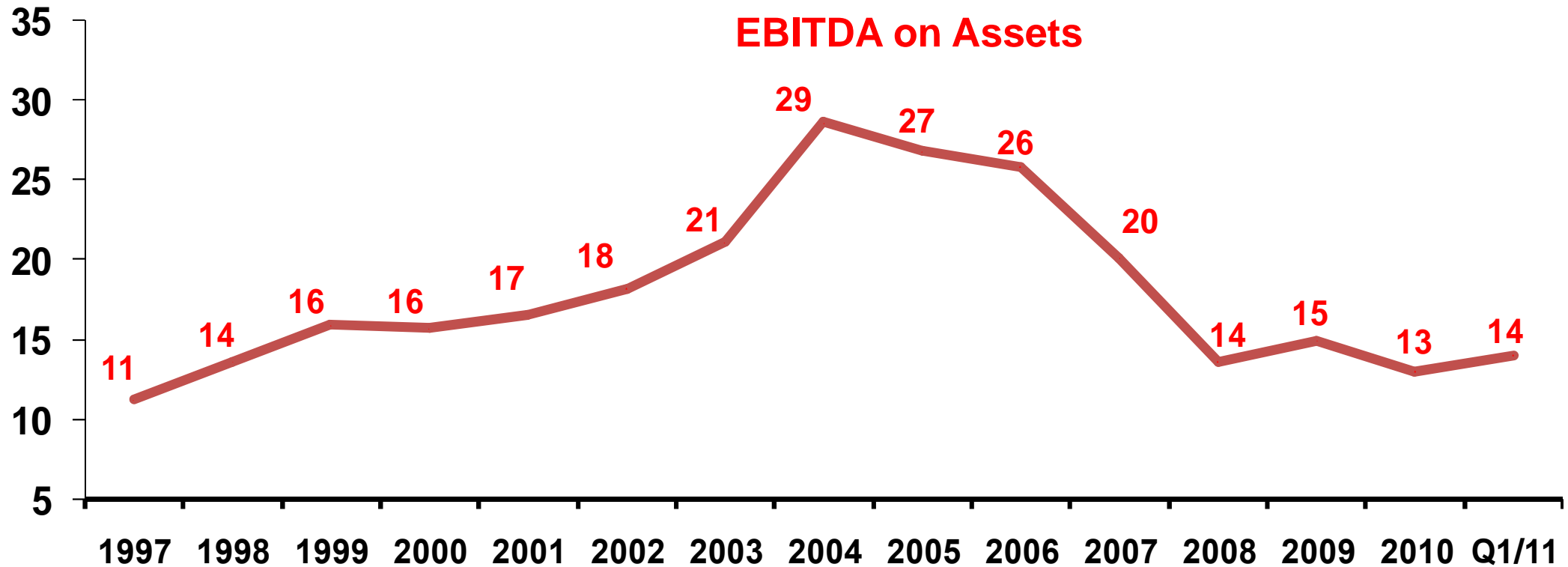
Export Destinations - from Thailand.

EBITDA on Assets, and EBITDA Margin



slide 9

Percent (%)



EBITDA Margin (%)

24	23	27	23	22	22	23	26	22	19	16	14	18	14	14
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

EBITDA on Assets = $\text{EBITDA} / \text{Consolidated Assets}$

EBITDA margin = $\text{EBITDA from Operations} / \text{Consolidated Sales}$

I. Consolidated Results

- Q1/11 Consolidated Results

- Financial Updates

II. Cement

III. Chemicals

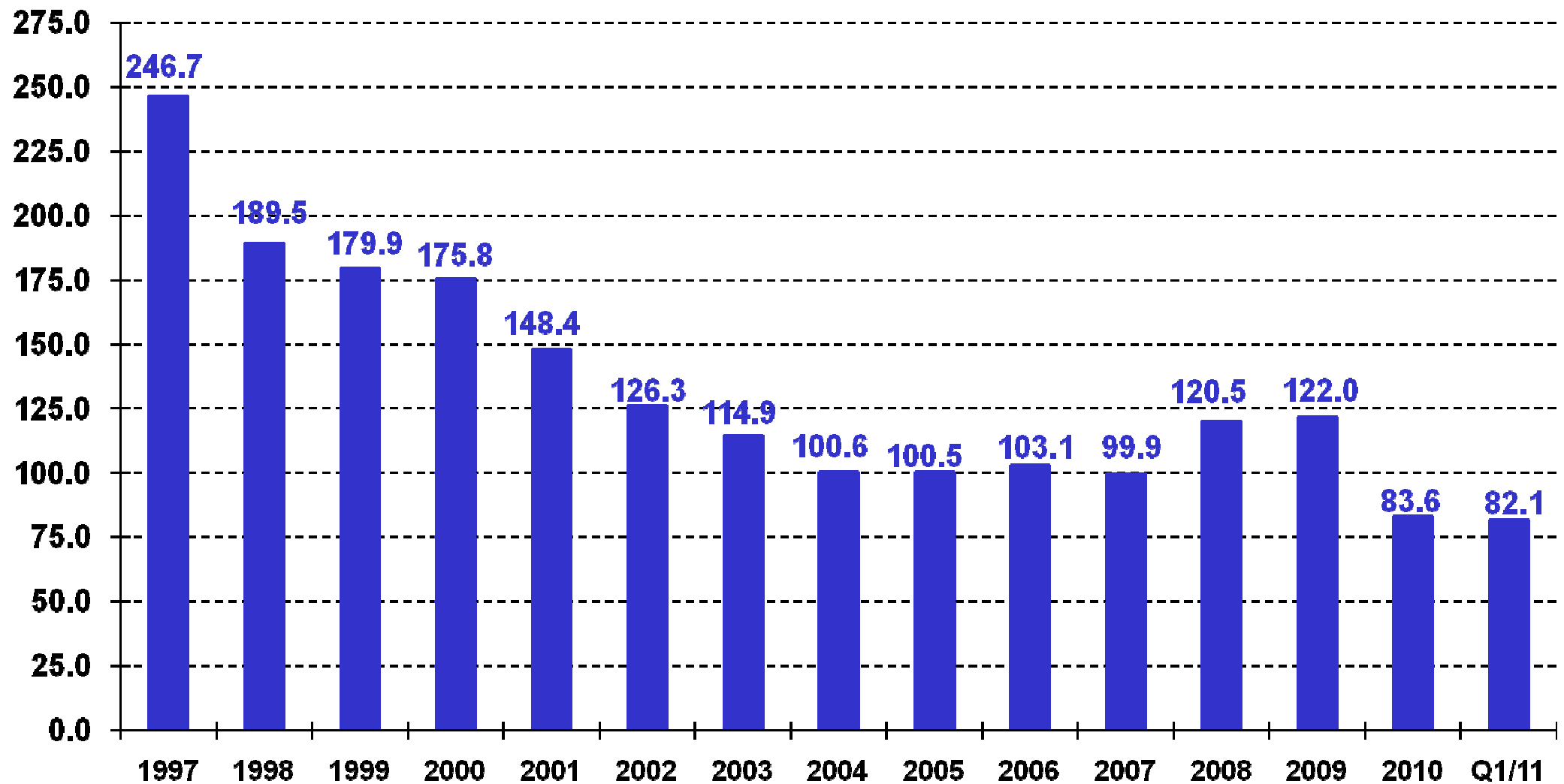
IV. Paper

V. Medium Term Strategy

VI. Appendix

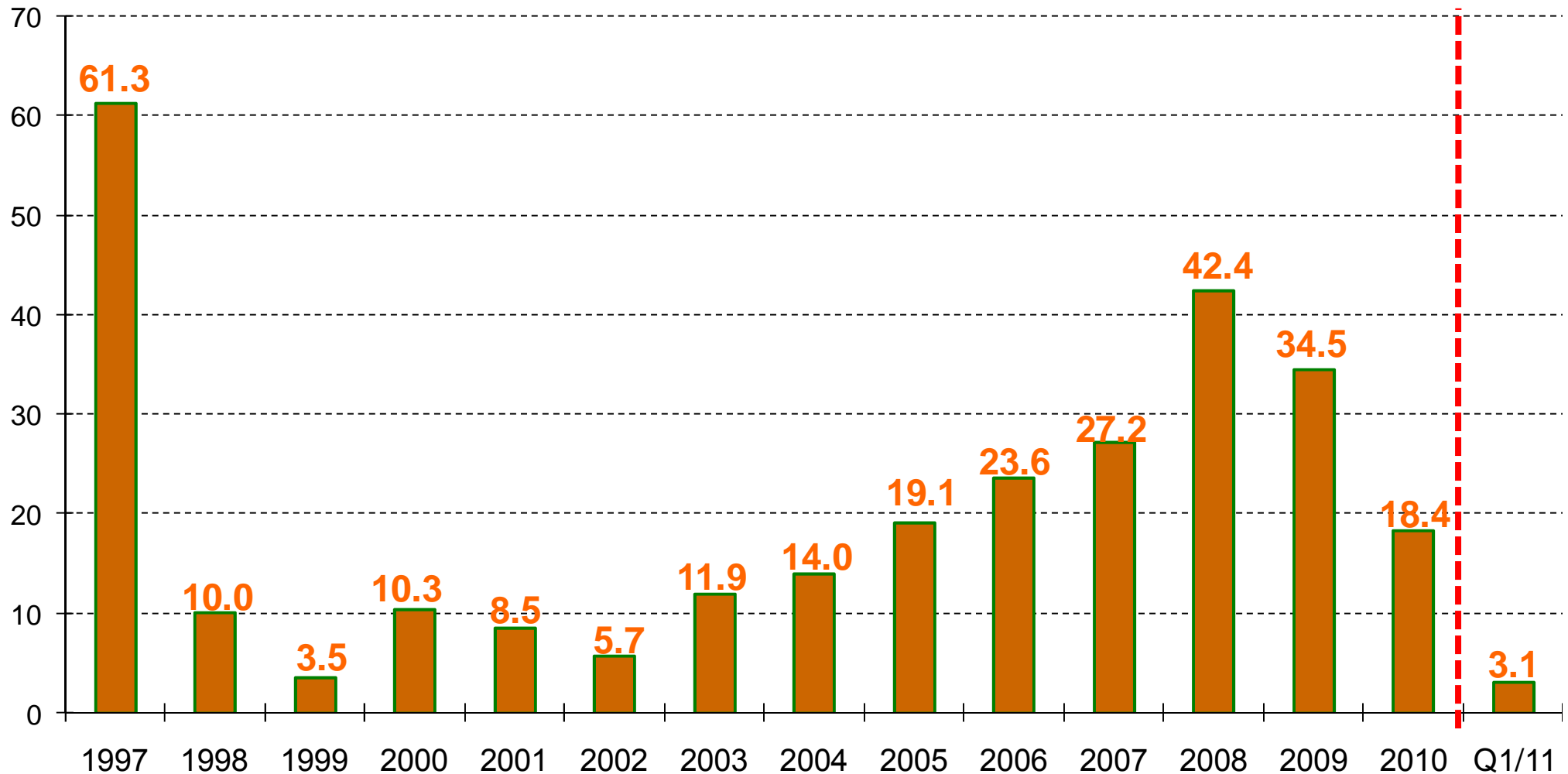
Net Debt: Dropped slightly from Q4/10.

Billion Baht



CAPEX and Investments: Amounted to 3,119 MB in Q1/11.

Billion Baht



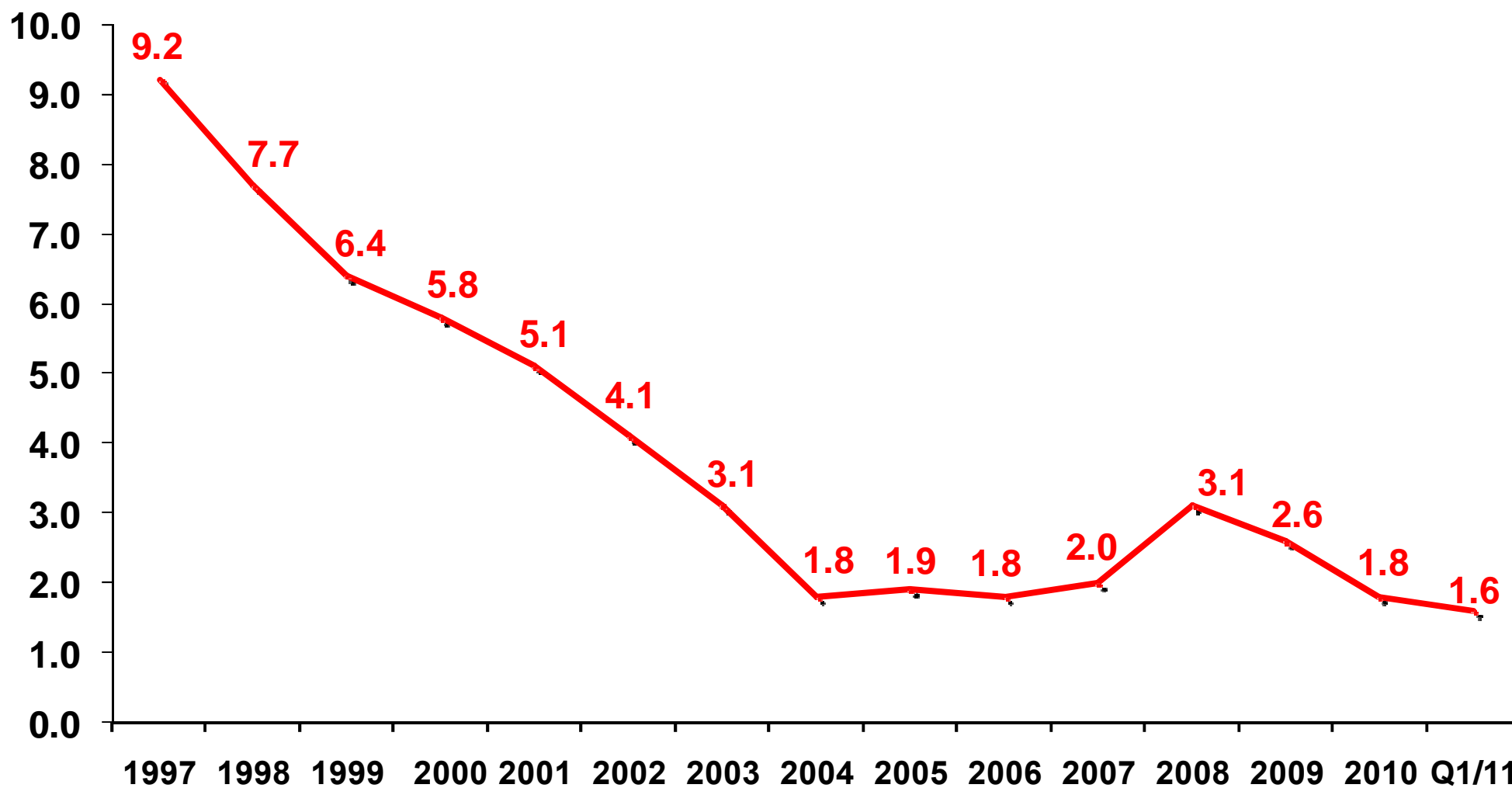
- CAPEX includes debottlenecking, expansion projects, and major turnaround.
- Investments are acquisitions and purchase of shares.

Net Debt on EBITDA Ratio



slide 13

Times (x)

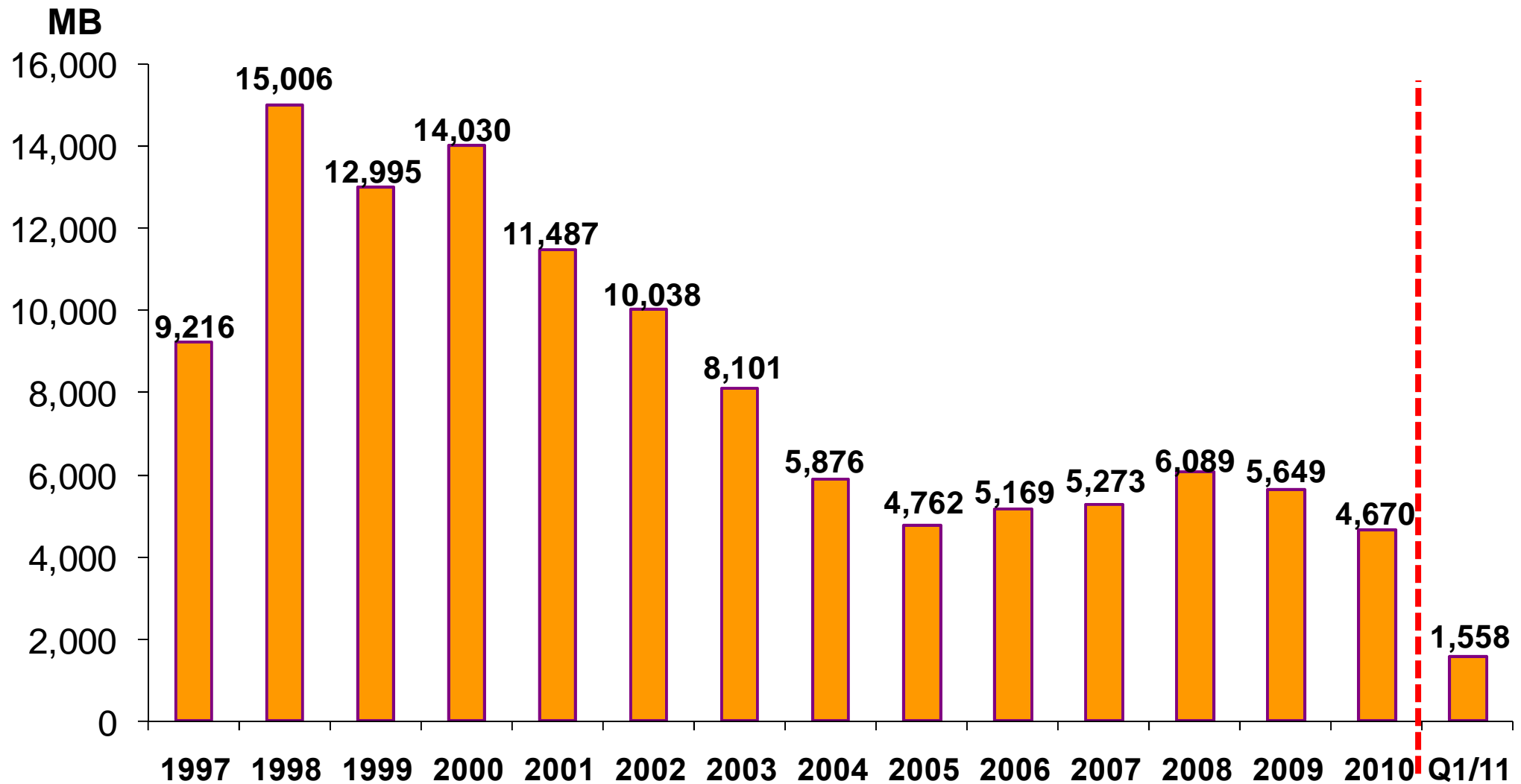


Finance Costs:

Amounted to 1,558 MB with interest cost of 4.5% at the end of Q1/11.



slide 14



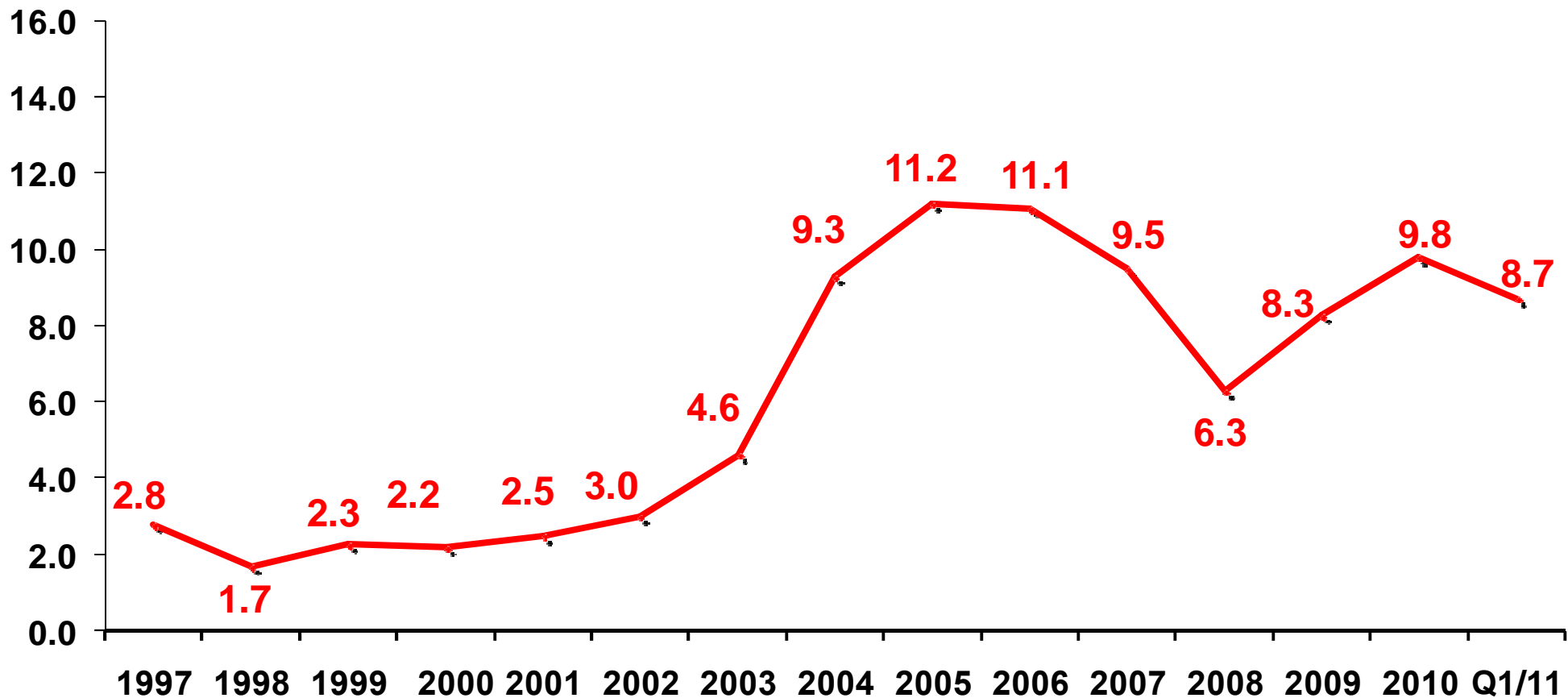
NOTE: Interest & financial charges includes FX gain/loss transactions

Interest Coverage Ratio



slide 15

Times (x)



Note: Interest Coverage Ratio = EBITDA / Interest Expense

- H2/10 dividend of 9,600 MB or 8.0 Bt/share was paid on Apr 27/11.
- Net Working Capital increased 7,777 MB to 46,760 MB, as the first cracker complex completed its major turnaround in Q4/10.
- Cash & cash under management amounted to 73,280 MB at the end of Q1/11.
- High Value Added Products (HVA) accounted for 30% of net sales in Q1/11, compared to 29% for FY2010.
- Full subscription to the Apr 1/11 debenture issuance of 15 Billion Baht (4-year, 4.00%) which replaced the 15 Billion Baht matured debenture (4-year, 5.75%).

- Continued efforts on M&A activities, supported by solid financial position.
- Active management of cash-on-hand, with secured return guarantees.
- Continued FX hedging management which currently accounts for the majority of the net FX exposure.

I. Consolidated Results

- Q1/11 Consolidated Results
- Financial Updates

II. Cement

III. Chemicals

IV. Paper

V. Summary – Medium term & Strategy

VI. Appendix

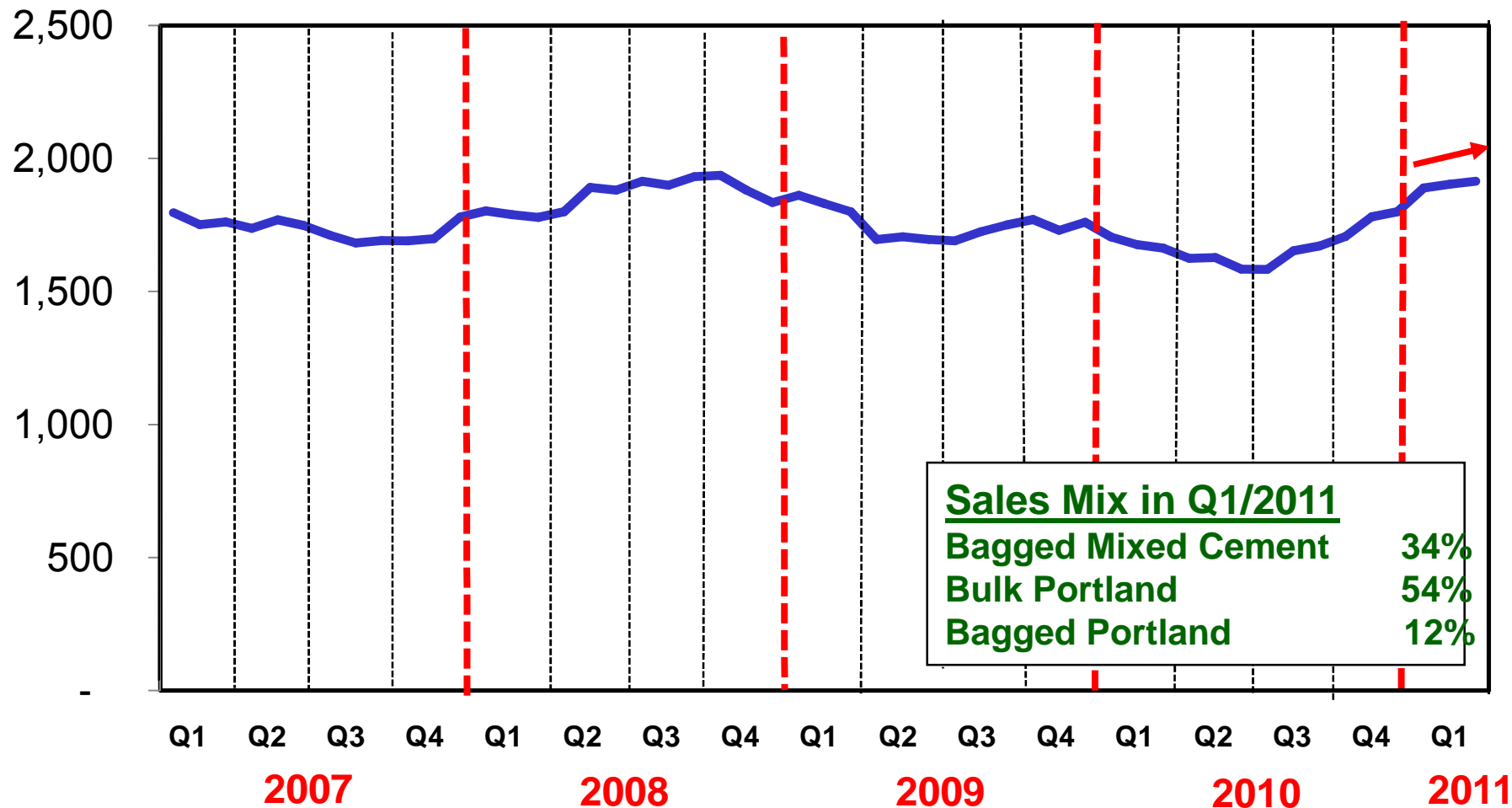
SCG's average domestic cement price increased to 1,850-1,900 Bt/ton due to cost push, while domestic demand increased 5% y-o-y and 14% q-o-q.



slide 19

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

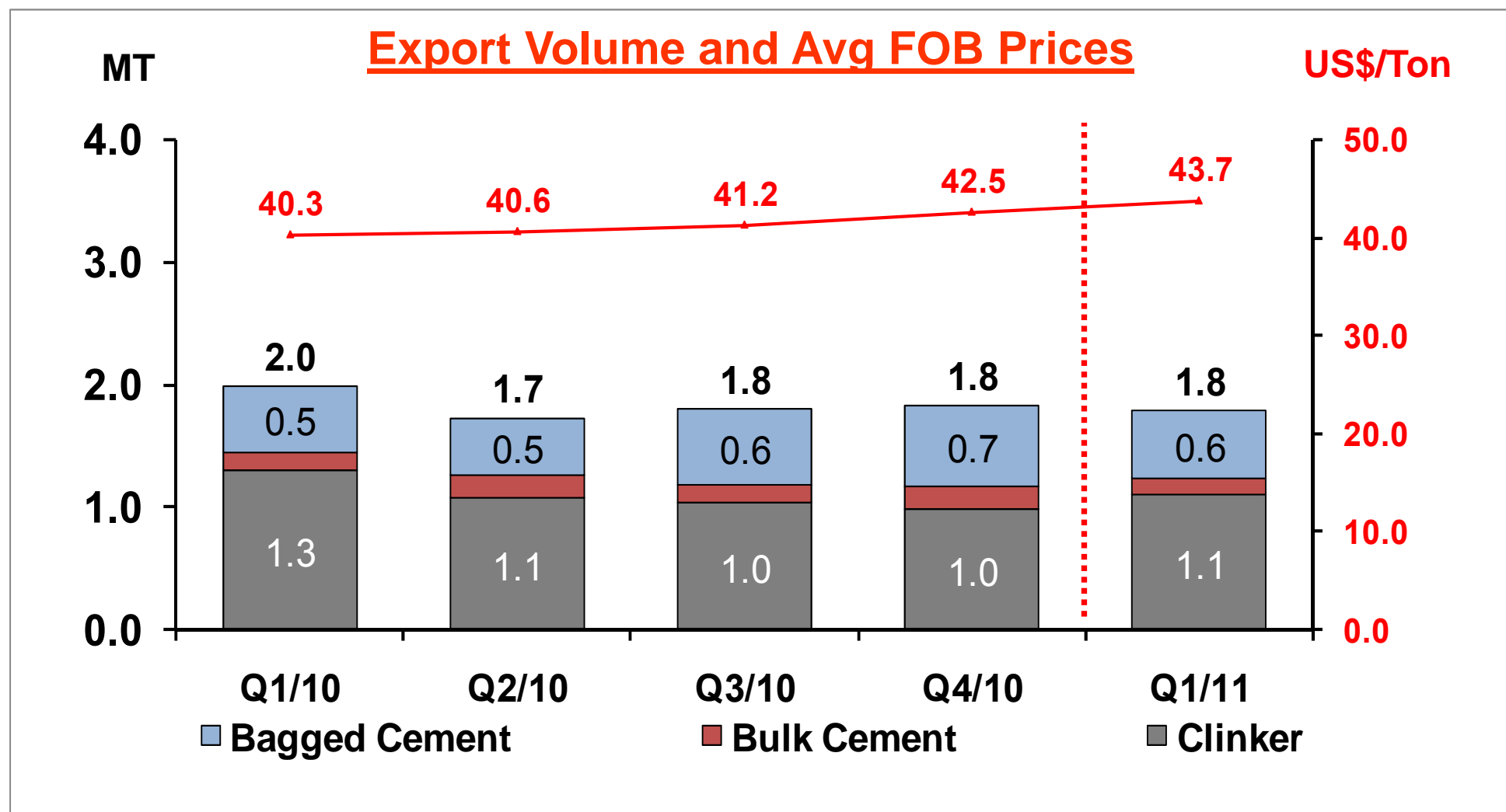
Baht/Ton



Q1/11 export sales volume remained stable q-o-q while the average FOB price has been increased to \$43.7/ton.



slide 20



Revenue from Sales increased 11% y-o-y and 18% q-o-q, driven by the domestic market.

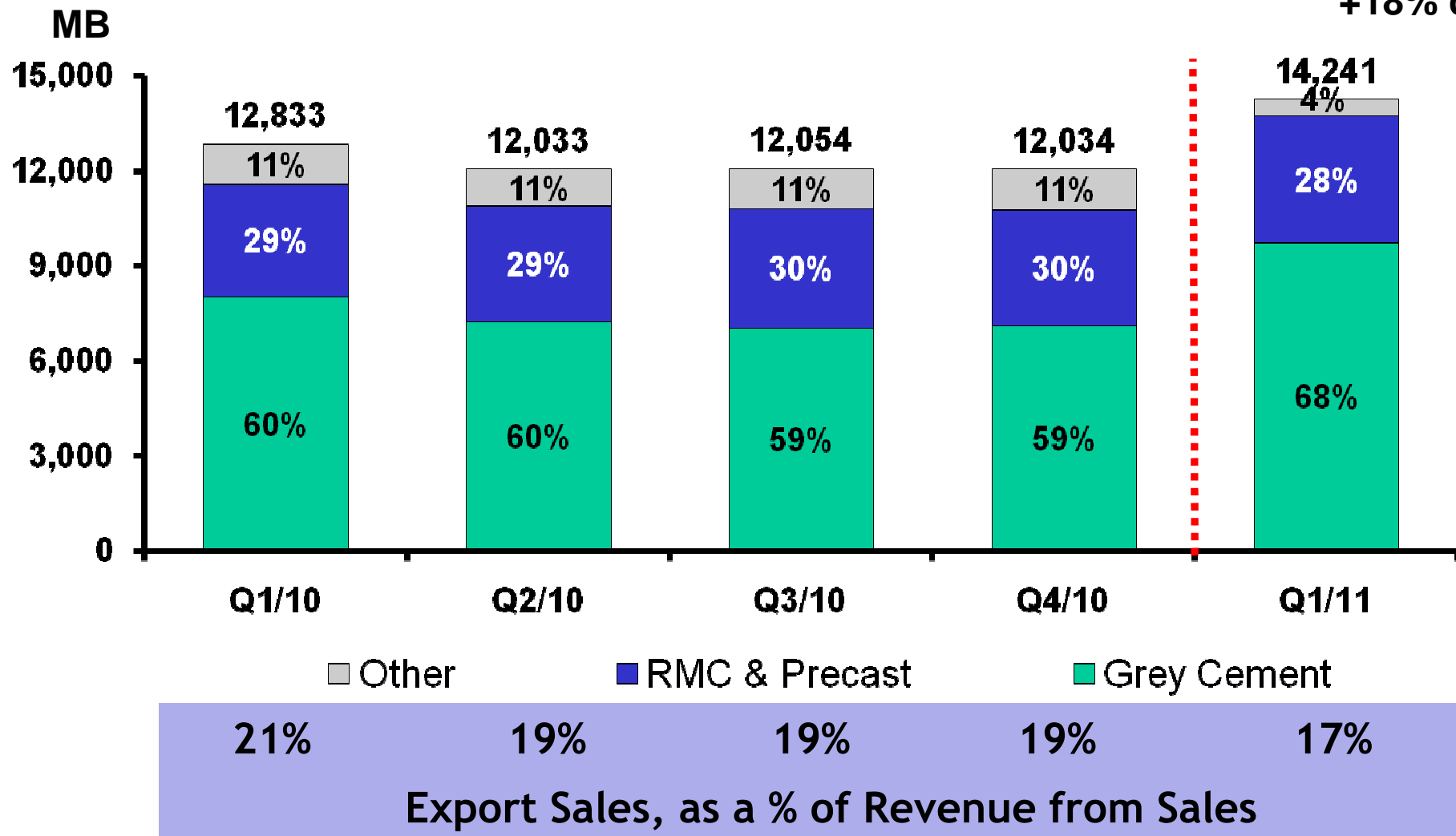


SCG

slide 21

Revenue from Sales

+11% y-o-y
+18% q-o-q

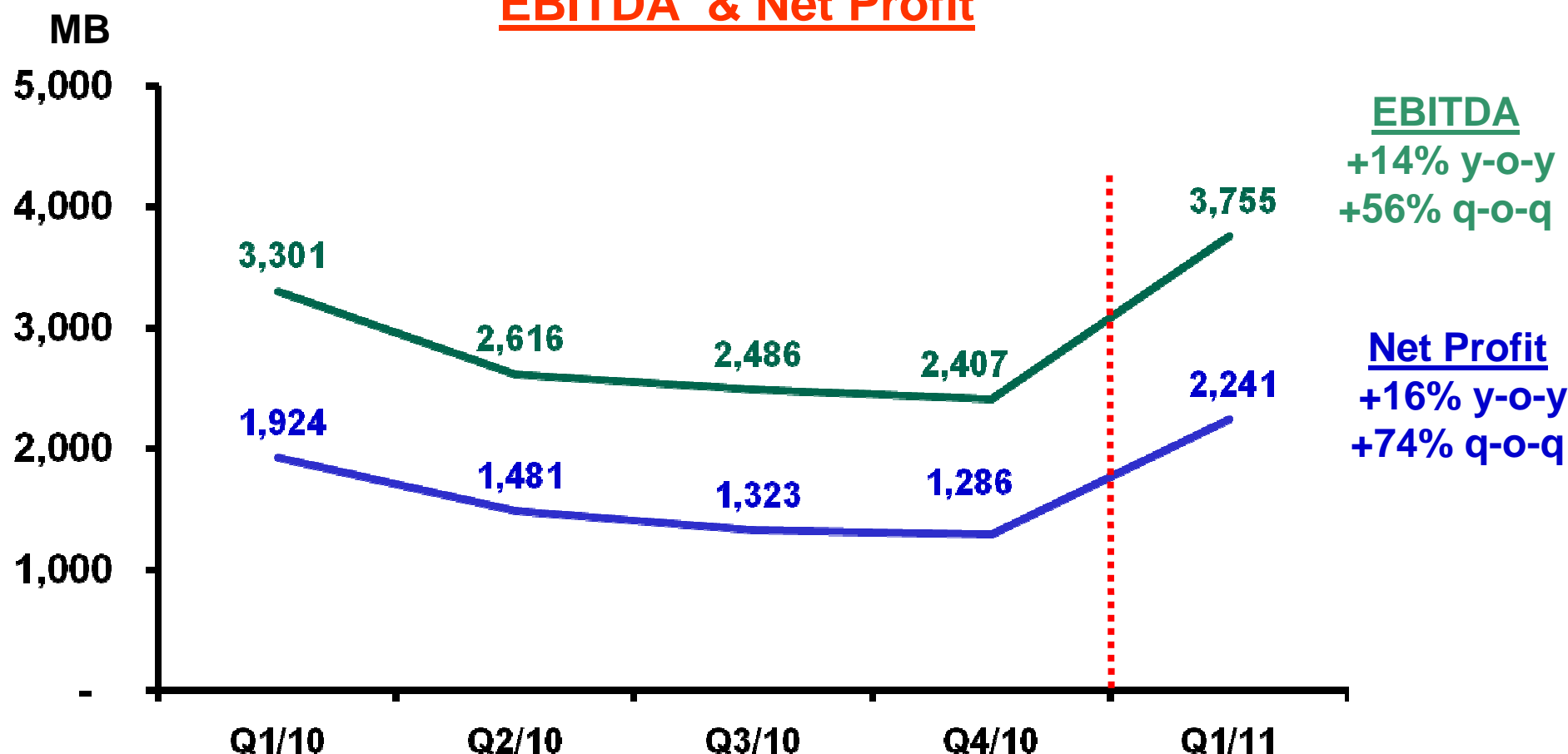


EBITDA increased 14% y-o-y, while Net Profit grew 16% y-o-y, primarily due to domestic market growths.



slide 22

EBITDA & Net Profit



EBITDA
Margin (%)

26

22

21

20

26

22

- Domestic demand is expected to grow 5% y-o-y, while domestic cement price remains at the same level as that of last quarter.
- Contributing factor is strong domestic demand in commercial and industrial sectors, while marginal growth in residential and infrastructure sectors are also observed.
- Export volume is anticipated to remain at the same level as that of Q1/11.

I. Consolidated Results

- Q1/11 Consolidated Results
- Financial Updates

II. Cement

III. Chemicals

IV. Paper

V. Medium Term Strategy

VI. Appendix

Market Insight

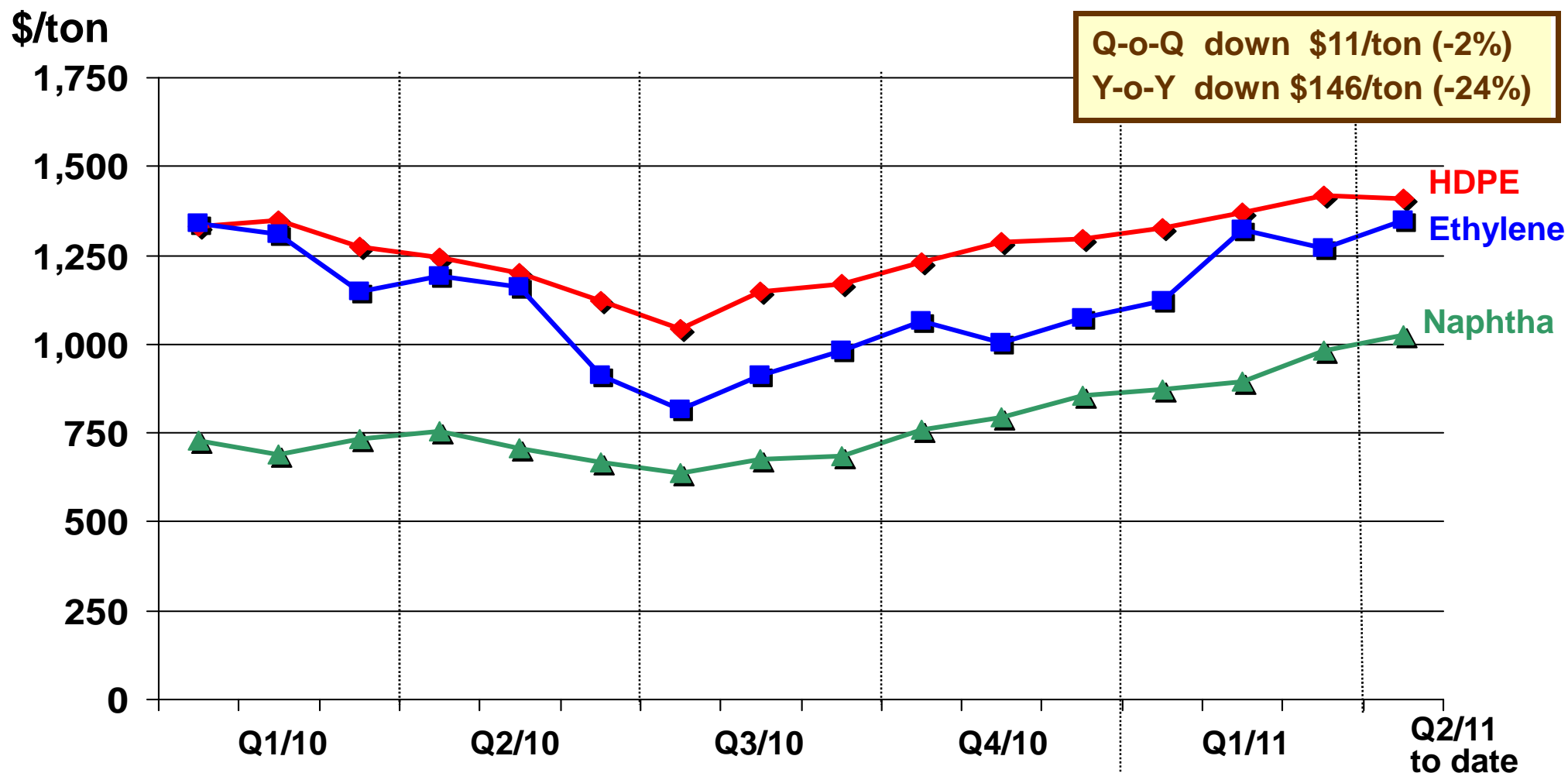
- Naphtha prices increased to \$916/ton (up 14% q-o-q and 28% y-o-y) along with the rise of crude oil prices from growing concerns about unrest in M/E and North Africa regions
- In line with high feedstock cost, monomer and polymer prices rose on the back of turnaround of a major cracker
- Wider PTA – PX gap from hiking of polyester price due to world cotton supply shortage
- Tsunami caused shutdown of several Japanese refineries and petrochemical plants and thus reduce supply of several petrochemical products i.e. Polyolefins, PVC, BD, and PX

HDPE – Naphtha Price Gap

...decreased 2% q-o-q to \$456/MT, and 24% y-o-y following an influx of new global supply in 2010



slide 26



HD-Naphtha
Spread (\$/T)

602

477

455

467

456



500



Note: Prices refer to SEA regional prices

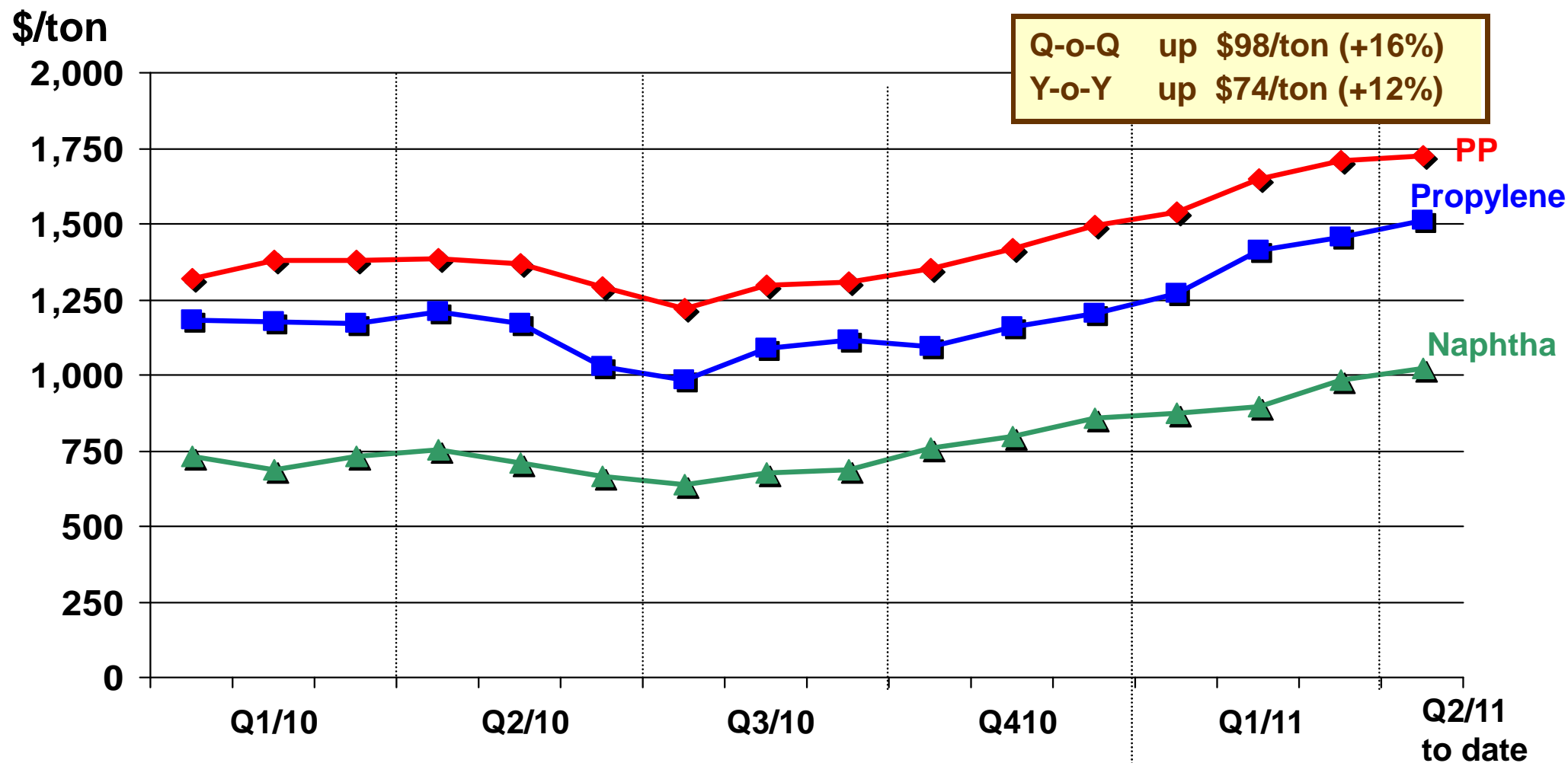
PP – Naphtha Price Gap

...up 16% q-o-q from strong non-Chinese demand within the region



SCG

slide 27



PP-Naphtha

643

638

611

619

717

Spread (\$/ton)



627



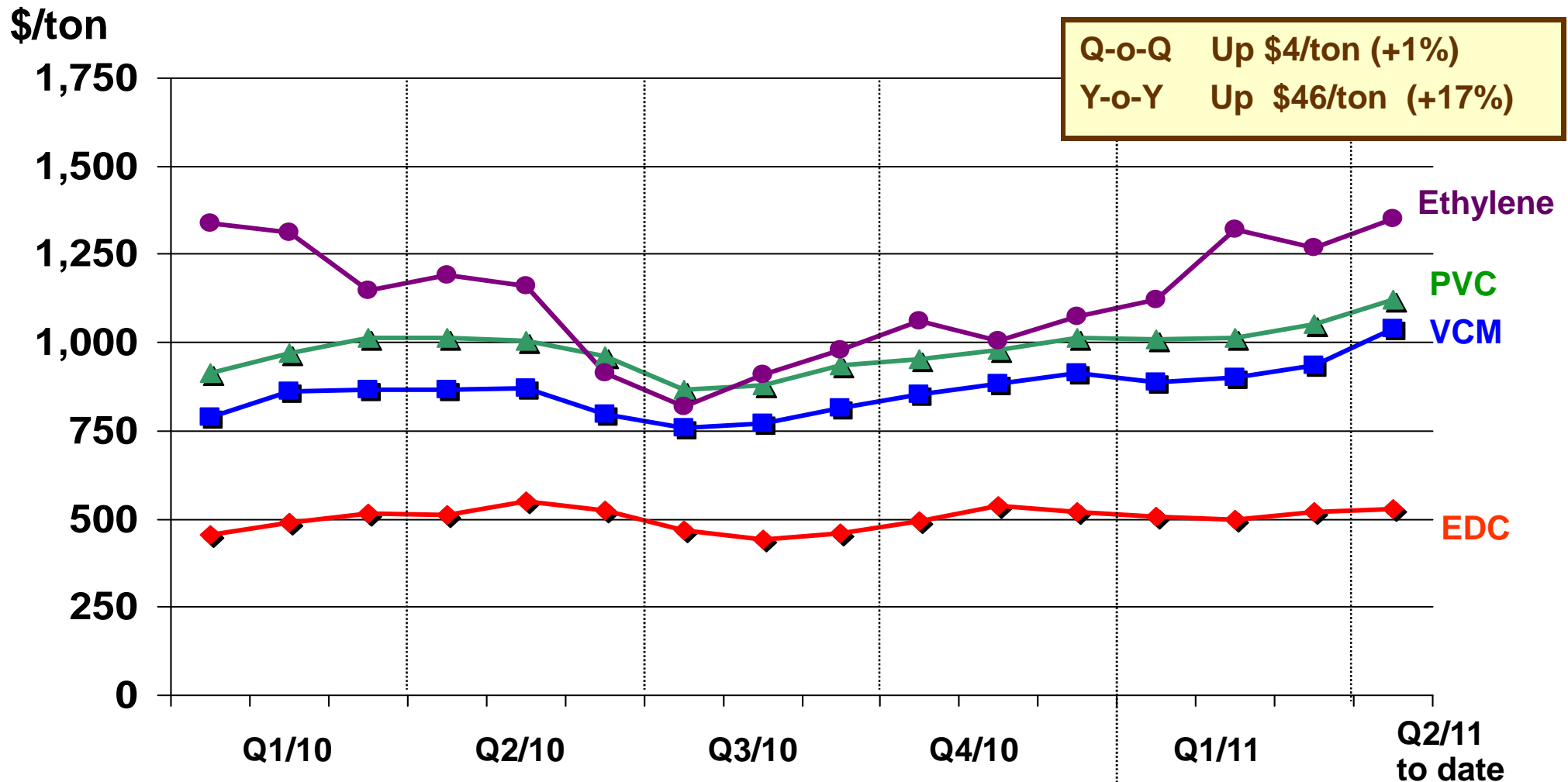
Note: Prices refer to SEA regional prices

PVC

...PVC margin remained flat q-o-q, supported by steady EDC feedstock price



slide 28



PVC-EDC/C2

277

310

311

319

323

Spread (\$/ton)



304

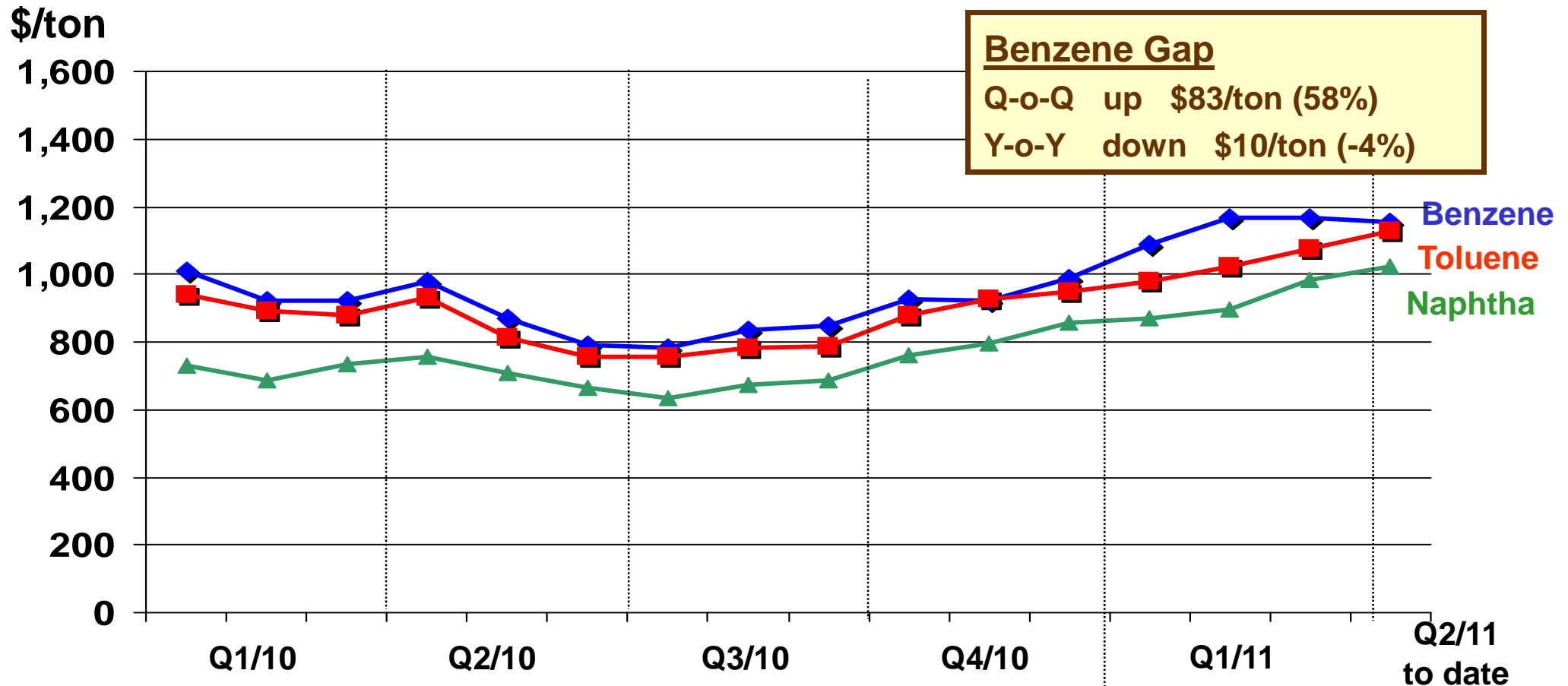


Prices refer to FE regional prices

Benzene & Toluene

...Benzene-Naphtha gap increased 58% q-o-q to \$224/ton from strong derivative demand.

slide 29



BZ-Naphtha	234	171	156	142	224	
TL-Naphtha	186	123	110	114	111	
BZ Spread (\$/ton)	←		176	→		
TL Spread (\$/ton)	←		133	→		

Note: Prices refer to SEA regional prices

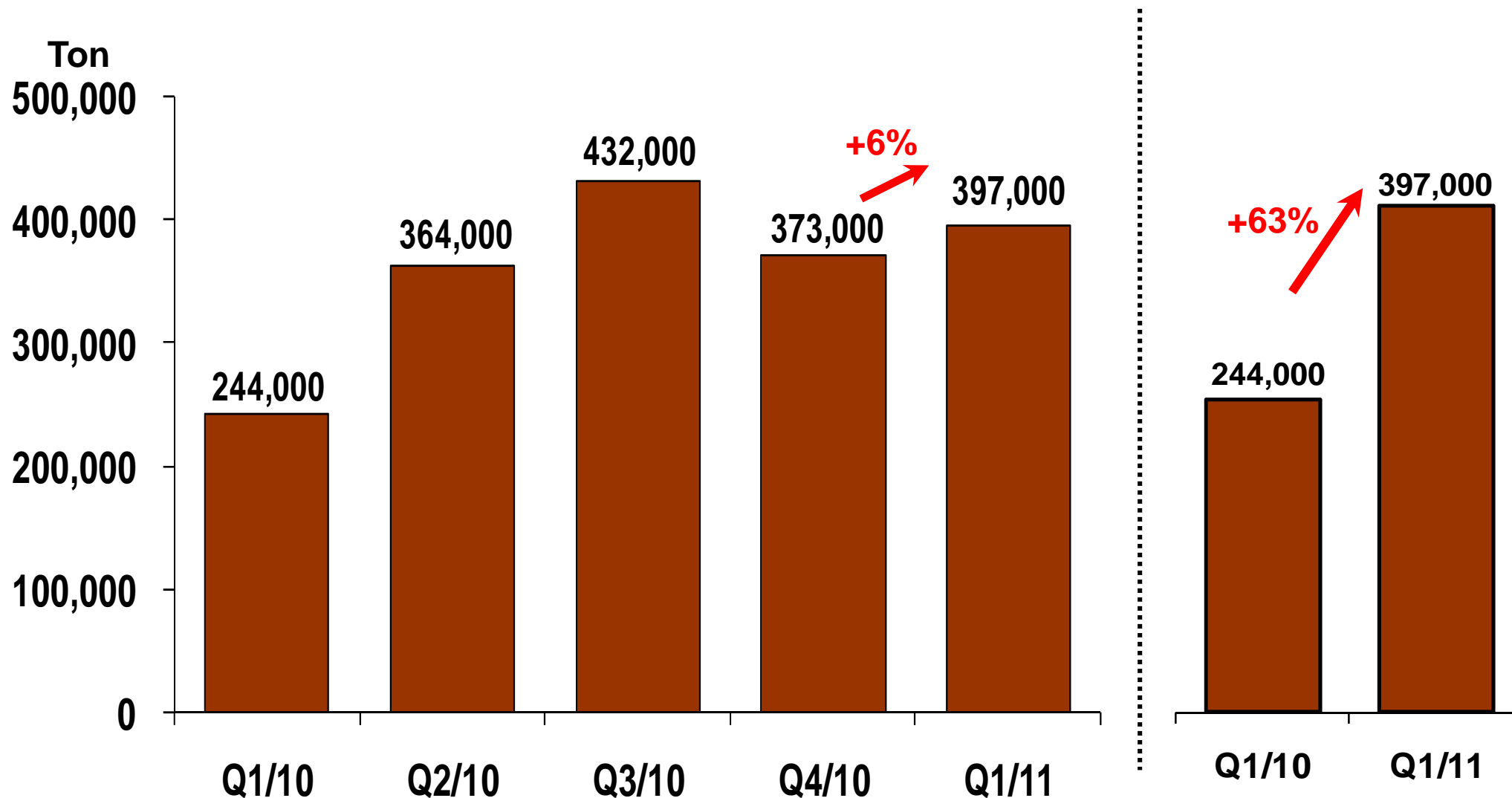
Polyolefins Sales Volume

...up 6% q-o-q after completion of the first complex's major turnaround, and grew 63% y-o-y with increased capacity from the second complex.



SCG

slide 30

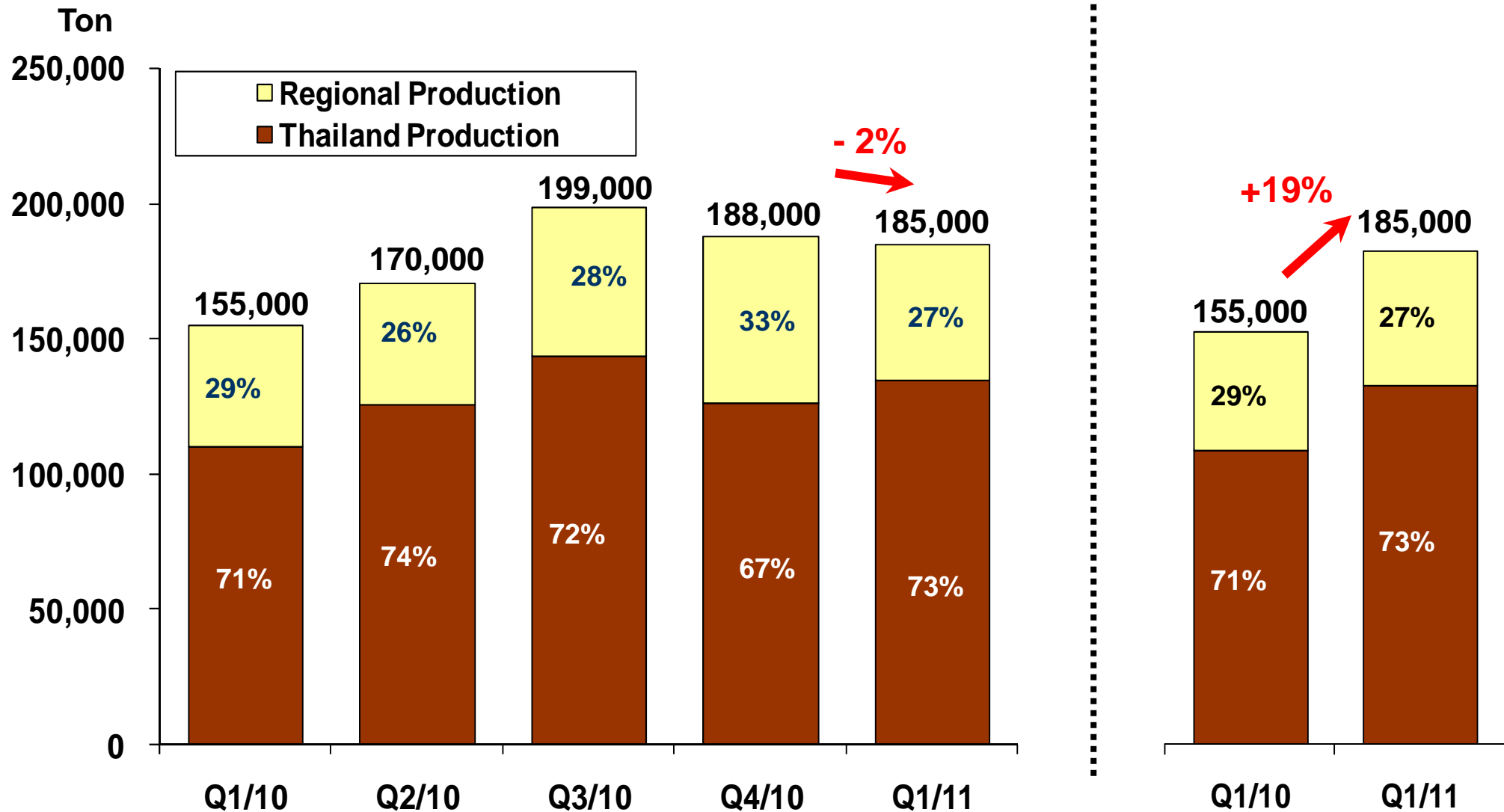


PVC Sales Volume

...down 2% q-o-q as regional sales dropped from tight VCM supply, but grew 19% y-o-y following the start-up of the new PVC plant in Vietnam



slide 31



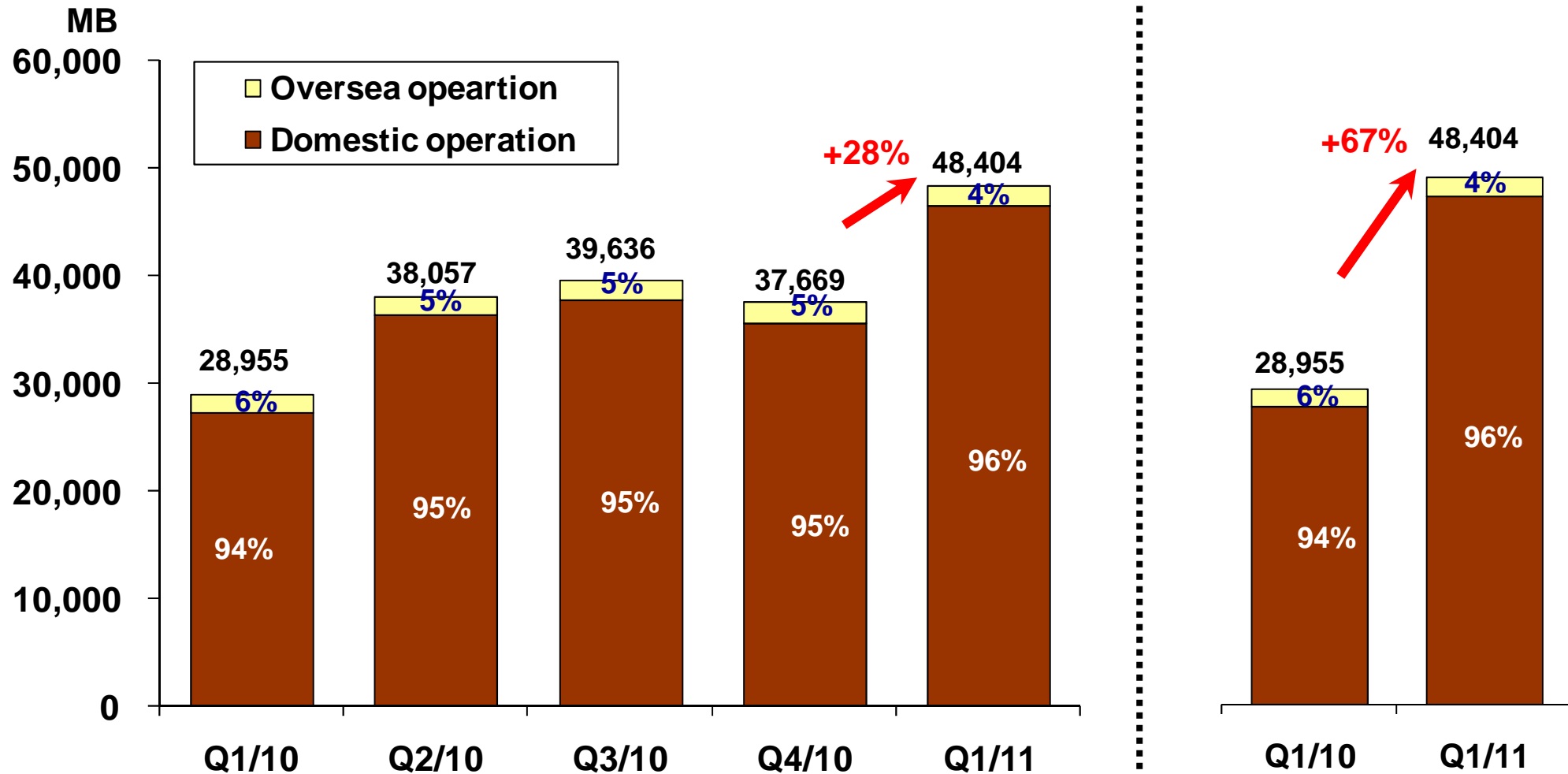
Note: *Regional Sales = Sales volume from PVC operations in Vietnam and Indonesia

Revenue from Sales

...improved 28% q-o-q driven by higher sales volume after the major turnaround in Q4/10



slide 32



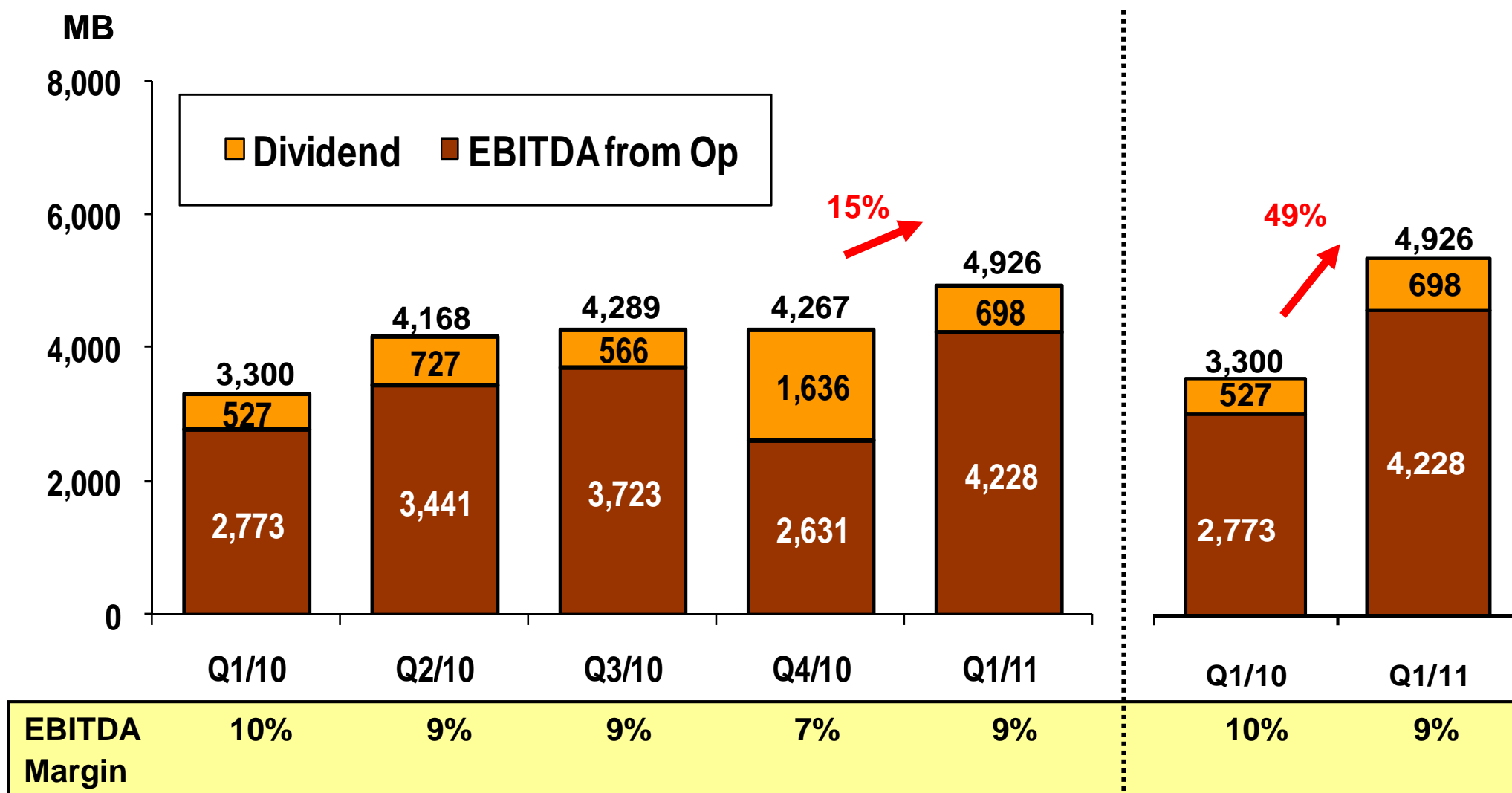
Note: * Regional = Sales revenue from PVC operations in Vietnam and Indonesia

EBITDA

...grew 15% q-o-q from increased sales volume



slide 33



Note: EBITDA = EBITDA from Operations + Dividend from Associated Companies

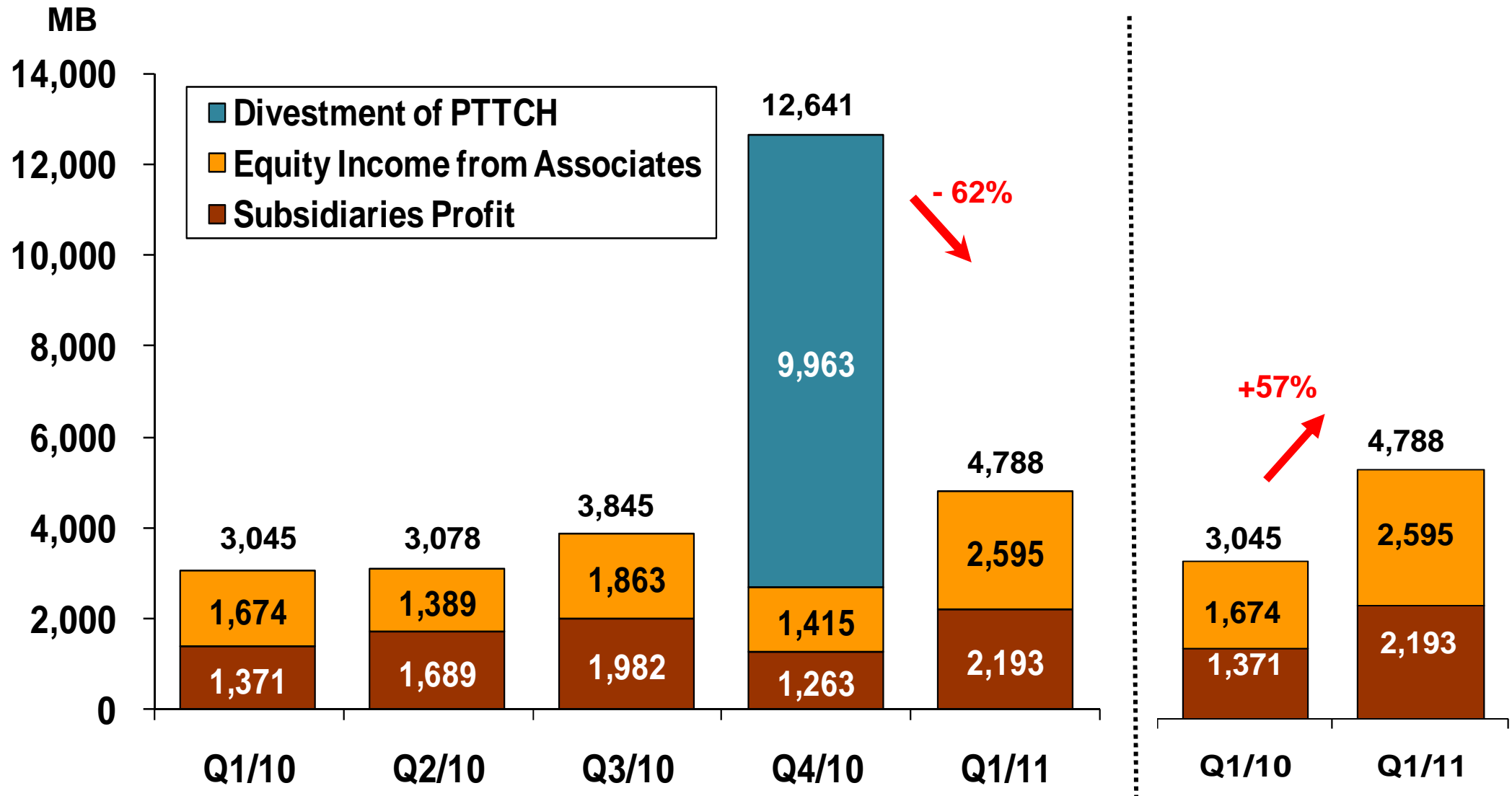
Net Profit

...dropped q-o-q from the absence of PTTCH divestment,
but rose y-o-y on strong performance of associated
companies and increased sales volume



SCG

slide 34



- Weak demand for PE/PP in China, following monetary tightening, and exacerbated by the labor holiday in early May.
- Higher cost from increasing naphtha prices, coupled with lower seasonal demand, and resulting in the drop in margins, particularly in the PE chain.
- Gradual start-up of some of the Japanese chemical plants which were affected by the earthquake.
- Lower PTA prices due to the slowdown in Chinese demand.
- Auto industry production slowdown due to Tsunami effect.
- Start up of SCG's elastomer JV business in Q2/11.

- I. Consolidated Results
 - Q1/11 Consolidated Results
 - Financial Updates
- II. Cement
- III. Chemicals
- IV. Paper
- V. Summary
- VI. Appendix

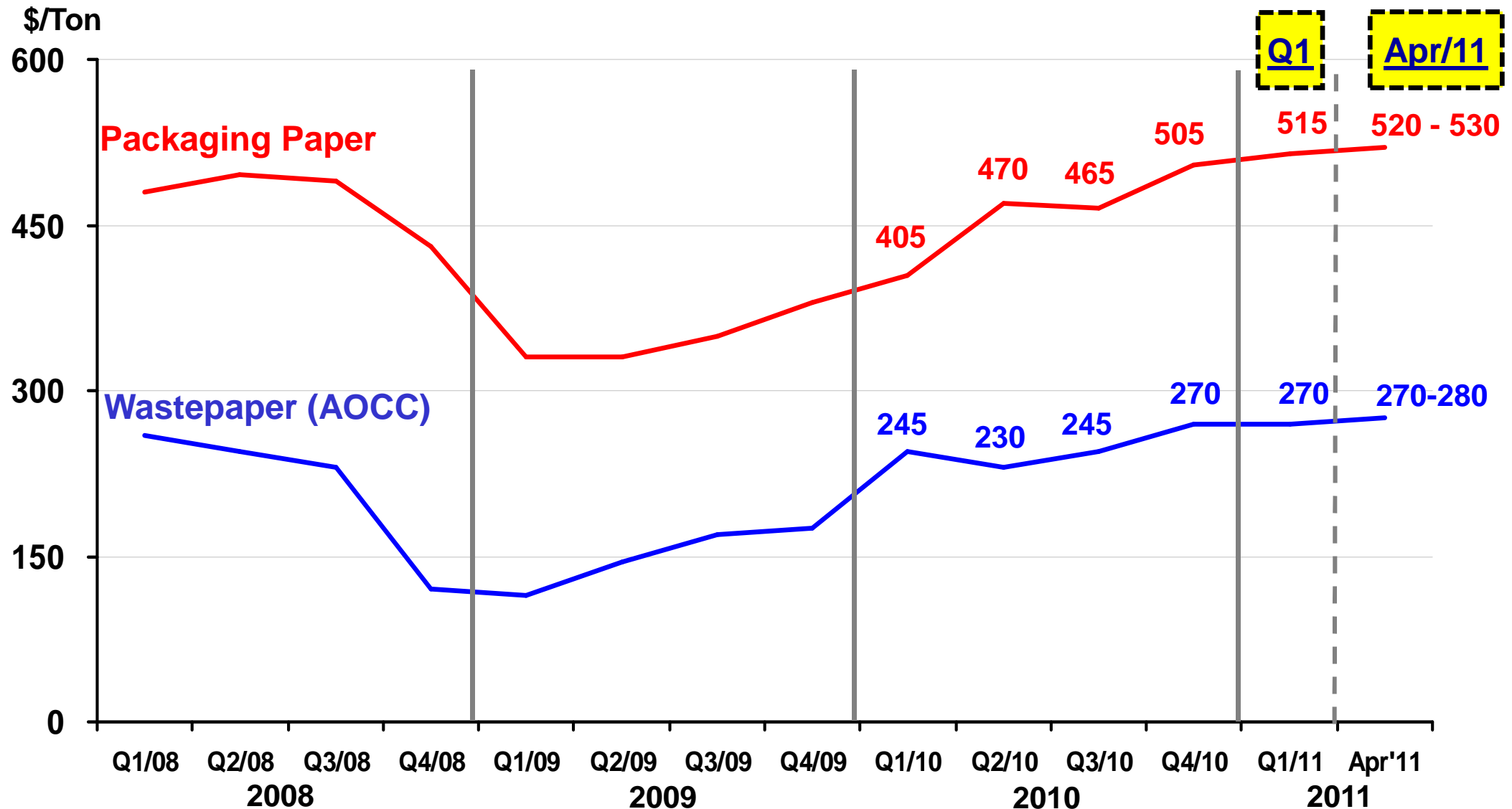
Packaging Paper:

Wastepaper prices remained flat q-o-q as Chinese inventory was well stocked, while packaging paper prices rose slightly.



SCG

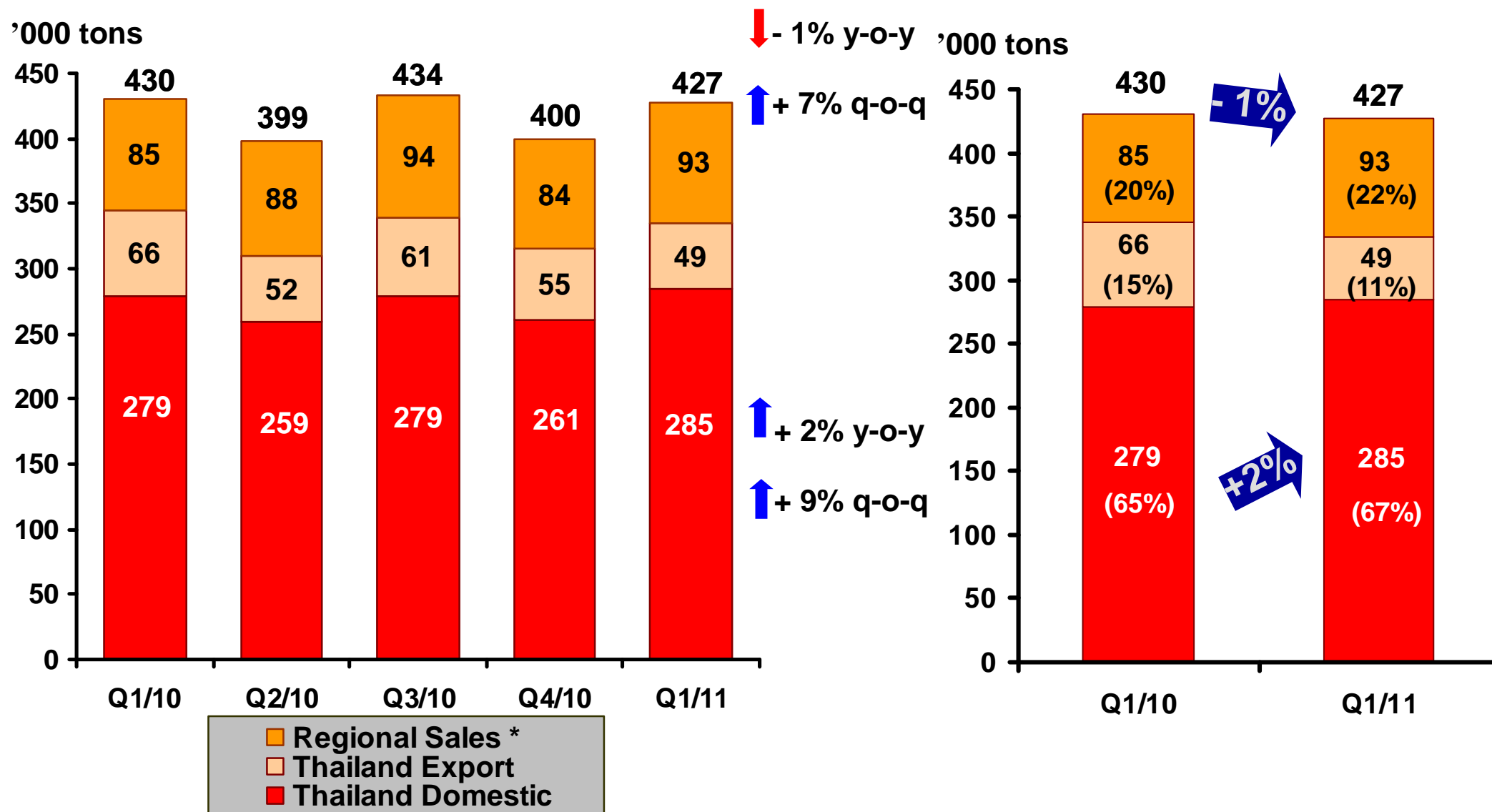
slide 37



Note: regional prices

Packaging Paper:

Total sales volume increased 7% q-o-q on higher seasonal demand in all key industries.



Note: * Sales Volume from Philippines and Vietnam

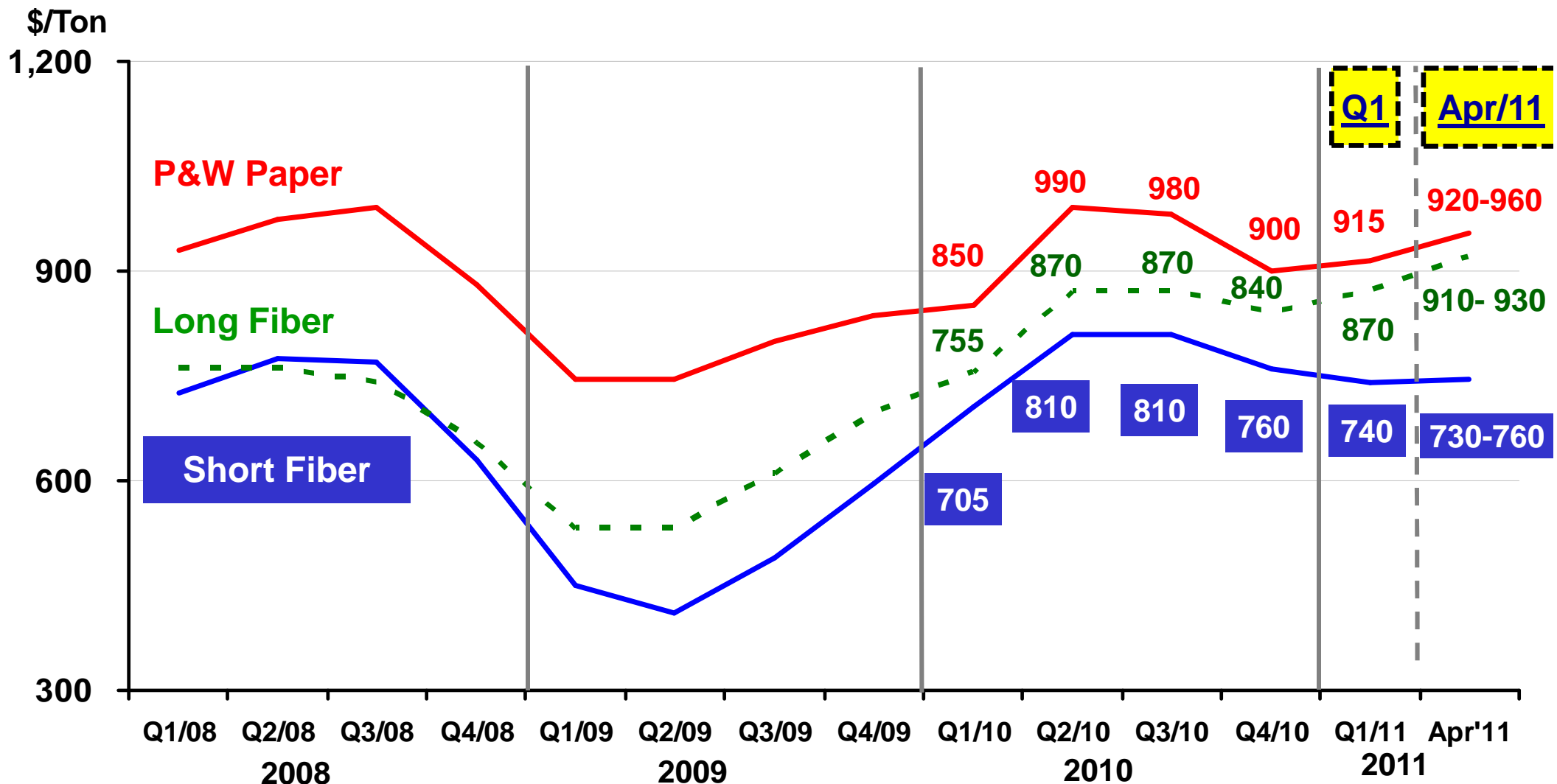
Printing & Writing Paper:

Short Fiber pulp prices dropped q-o-q from increased supply in China and Indonesia, while Long Fiber pulp prices continued to climb due to shortages.



SCG

slide 39



Note: regional prices

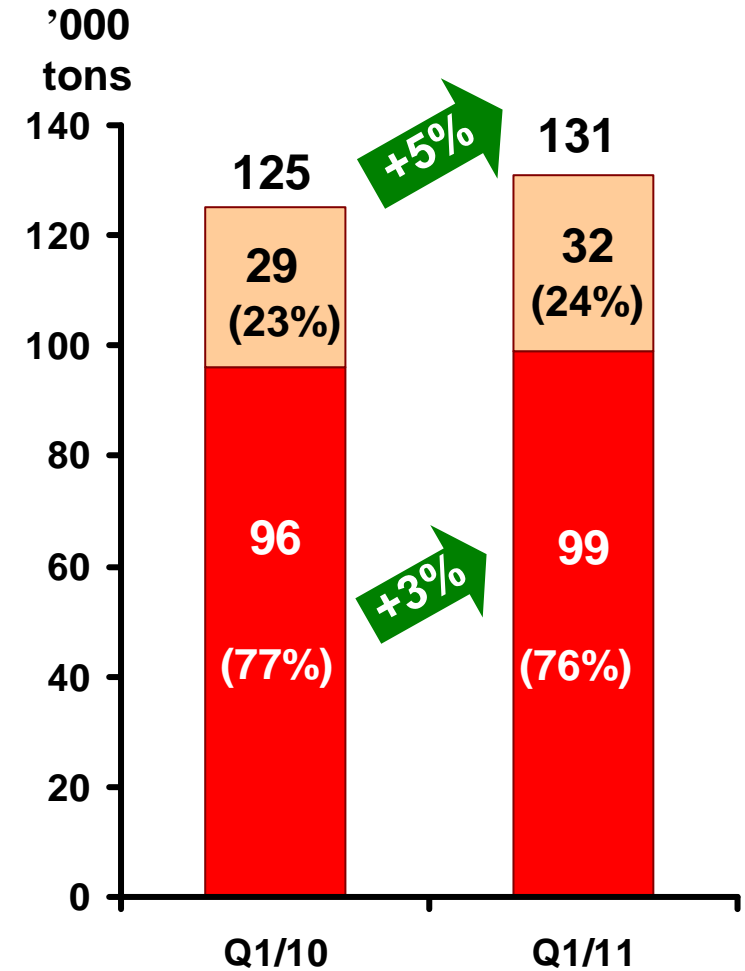
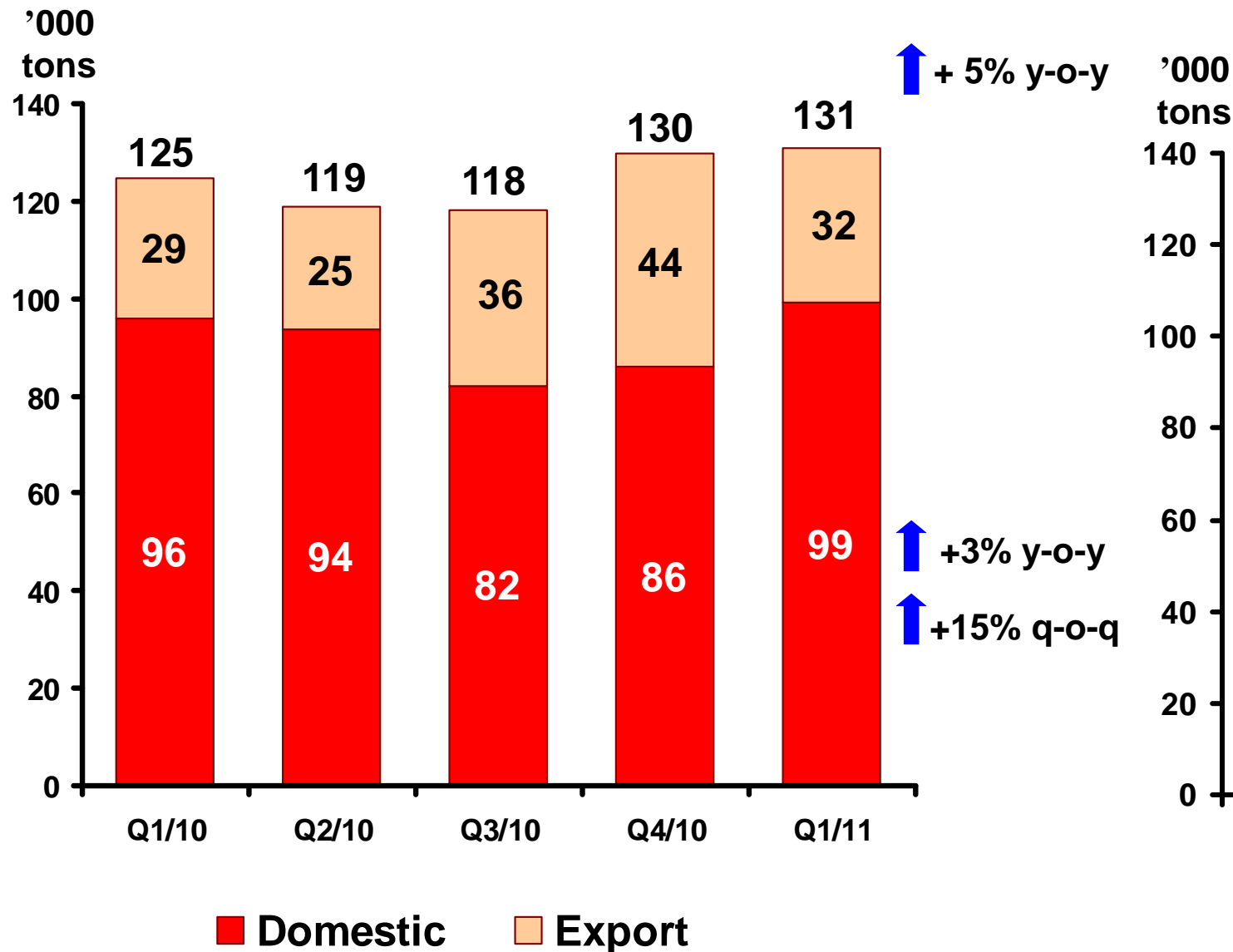
Printing & Writing Paper:

Domestic sales volume increased 15% q-o-q as a result of the seasonal National Book Fair and school materials.

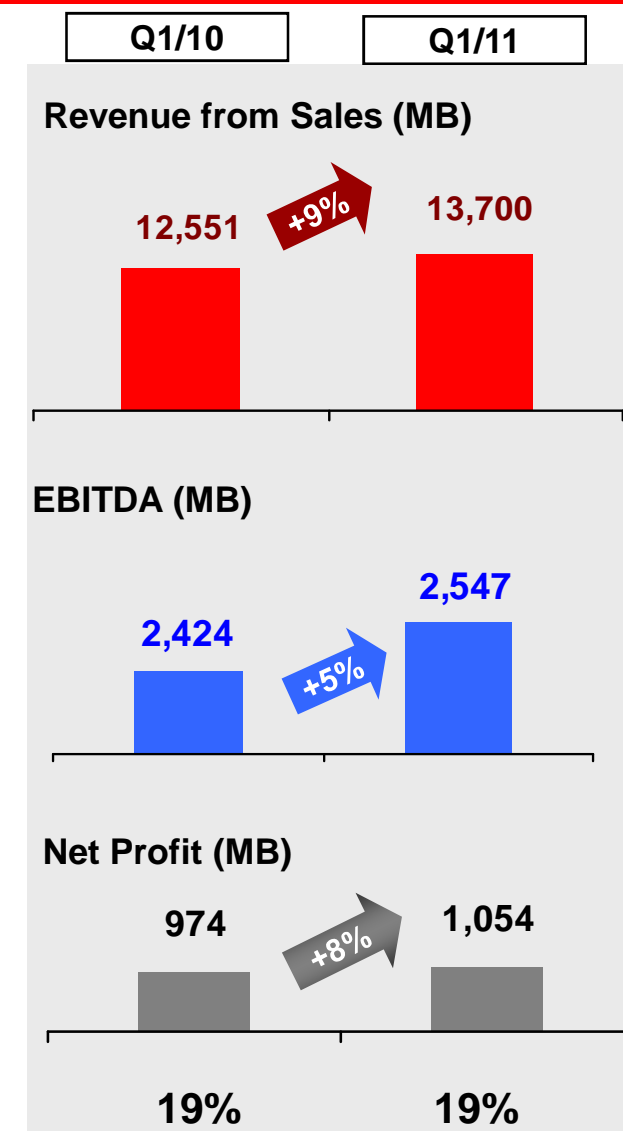
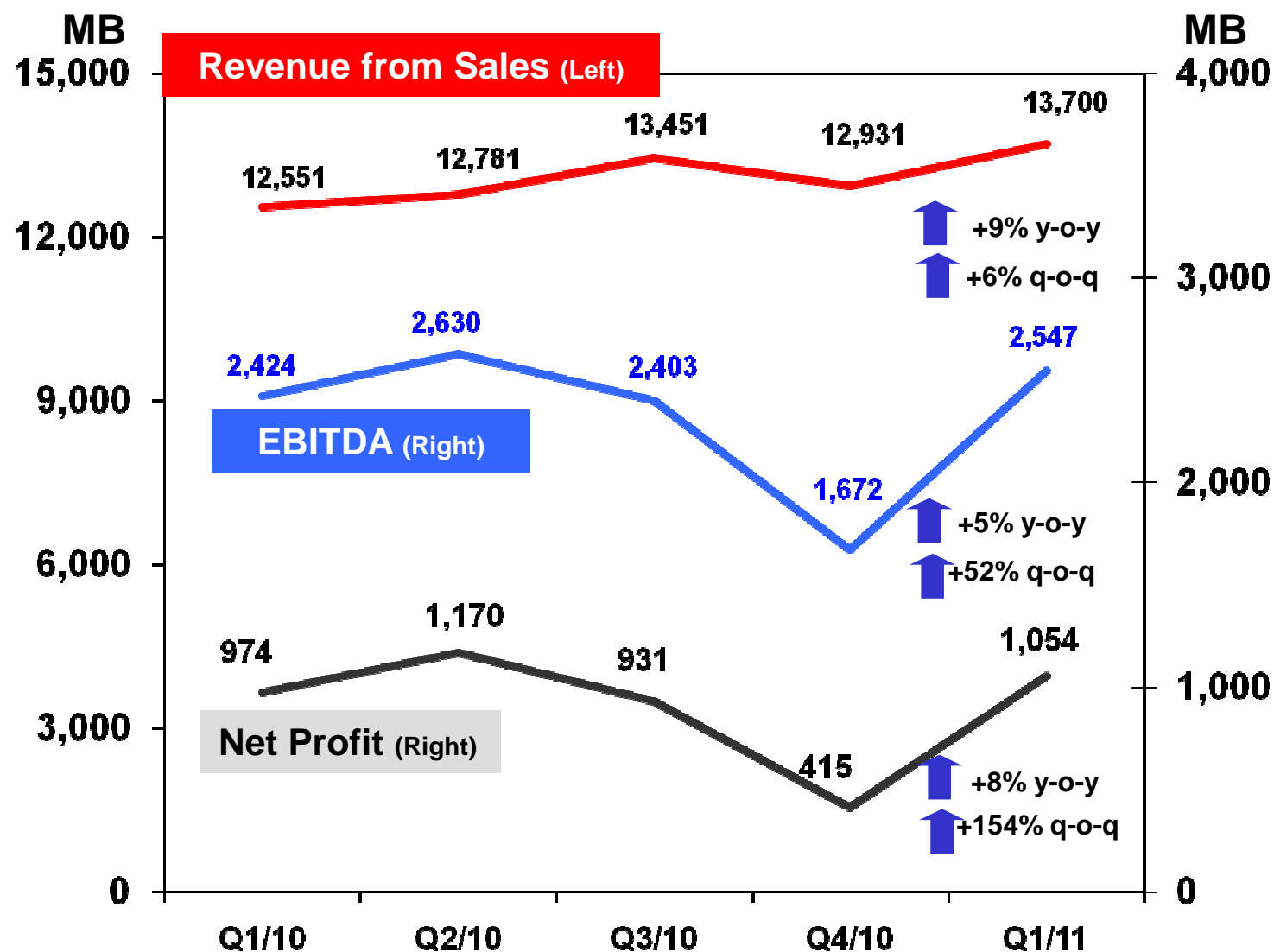


SCG

slide 40

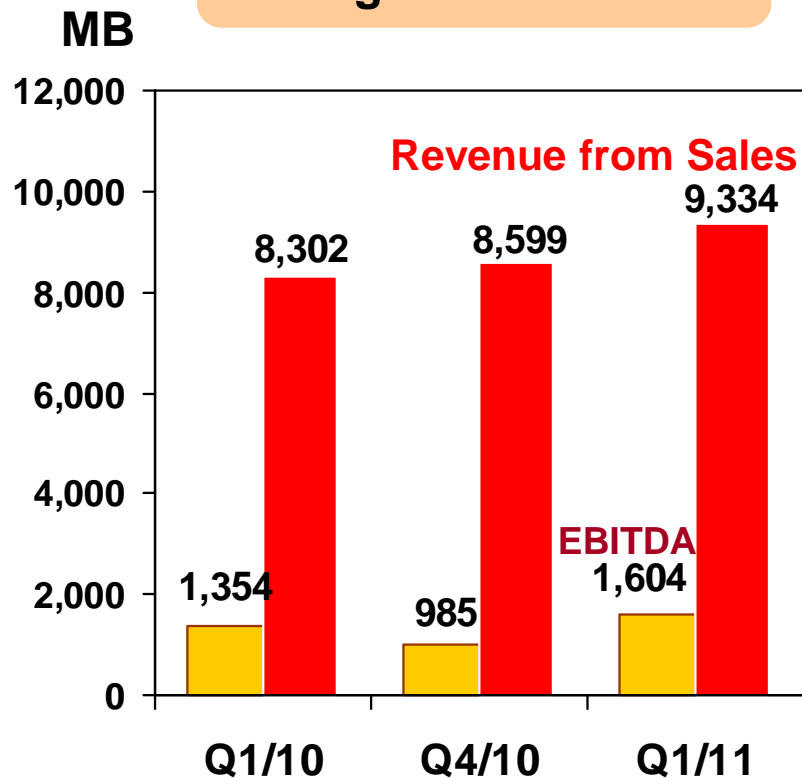


EBITDA increased 52% q-o-q, mainly from the normalization of maintenance costs, higher sales volume, and improved selling prices.



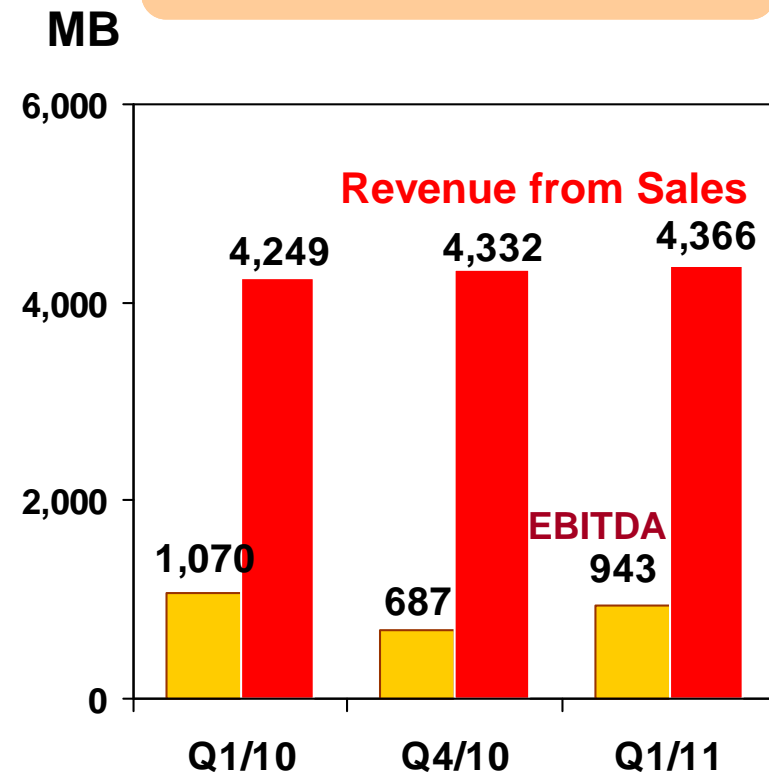
EBITDA Margin

Packaging Paper & Corrugated Containers



EBITDA Margin	Q1/10	Q4/10	Q1/11
	16%	11%	17%

Pulp and P&W Paper



EBITDA Margin	Q1/10	Q4/10	Q1/11
	25%	16%	22%

Packaging Paper & Corrugated Containers

- Upward trend for wastepaper prices, due to strong regional demand and rising freight cost.

Pulp and Printing & Writing Paper

- Short Fiber prices are expected to increase, following the start-up of regional paper machines and rising freight costs.
- Higher Long Fiber prices as a result of continued shortage in dissolving pulp which is used in the textile industry.
- Decreased margin as competition from imports are expected to curb any increase in domestic paper prices.

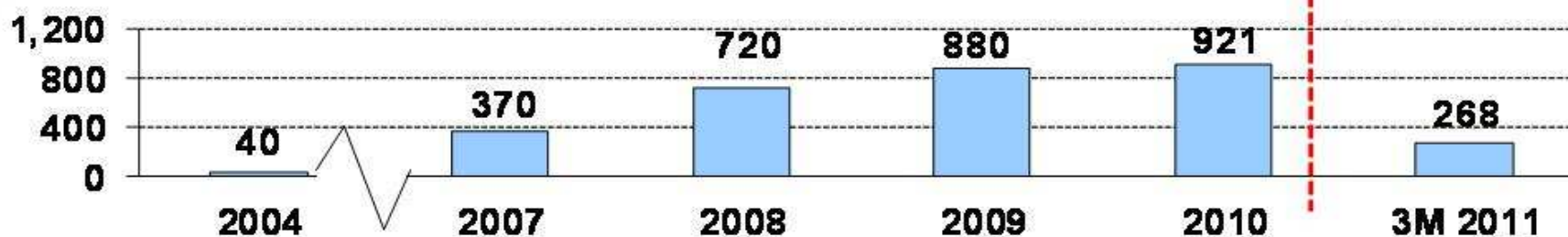
- I. Consolidated Results
 - Q1/11 Consolidated Results
 - Financial Updates
- II. Cement
- III. Chemicals
- IV. Paper
- V. Medium Term Strategy
- VI. Appendix

- Regional / domestic business expansion in core businesses.
- Raise HVA's portion of Revenue from Sales to 50% by 2015.
- Heightened efforts towards R&D.

Revenue from Sales of HVA (Bill Baht)

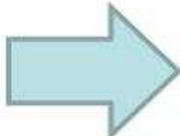



R&D Spending (Mill Baht)



R&D / Product Design Team (People) As of Mar/11


364 (Ph.D. 9)

 
973 (Ph.D. 47)

Thank You

For further details, please contact invest@scg.co.th

SCG's Incremental Capacity

(Capacity at year end = '000 tons)	Total Cap					Incremental Cap		Project Cost	
	2007	2008	2009	2010	2011	2007 - 2011		SCG Stake	CAPEX (MB)
<u>Chemicals Upstream (Cracker)</u>						Nominal	Times (x)		
Ethylene (subsidiary)	800	800	800	1,700	1,700	900	2.1 x	67%	45,600 MB (\$1.2 Bill)
Propylene (subsidiary)	400	400	400	1,200	1,200	800	3.0 x		
<u>Chemicals Downstream</u>									
PE (subsidiary)	780	780	780	1,180	1,180	400	1.5 x	100%	17,100 MB (\$450 mill)
PP (subsidiary)	320	320	320	720	720	400	2.3 x		
PVC (45% stake in TPC)	820	790	870	940	940	120	1.2 x	45%	2,200 MB
LLDPE (Dow JV)	300	300	300	650	650	350	2.2 x	50%	2,100 MB
Specialty Elastomers (Dow JV)	-	-	-	-	220	220	-	50%	3,000 MB
Propylene Oxide (Dow JV)	-	-	-	-	390	390	-	50%	2,400 MB
MMA (Mitsubishi Rayon JV)	85	85	85	175	175	90	2.1 x	47%	2,500 MB
Cast Sheets (Mitsubishi Rayon JV)	-	-	20	20	20	20	-		
<u>Paper</u>									
Printing & Writing Paper	365	565	565	565	565	200	1.5 x	100%	7,300 MB
Packaging Paper	1,660	1,660	1,880	1,880	1,880	220	1.1 x	70%	5,200 MB
Box	550	637	692	741	794	244	1.4 x	70%	3,200 MB
<u>Cement</u>									
Cambodia Grey Cement (MT)	23	24	24	24	24	1	1.04x	90%	3,000 MB
<u>Building Products</u>									
Ceramic Tiles (M sqm)	95	122	122	122	122	27	1.3 x	54% to 100%	2,000 MB
Ceiling & Wall product (M sqm)	34	50	57	57	65	31	1.9 x	100%	3,200 MB
Lightweight concrete (M sqm)	3	3	3	15	15	12	4.0 x	68%	1,600 MB

Note: HVA investment is present in all SBU

Sales (MB)	2008	2009	2010	Q1/11
Consolidated	293,230	238,664	301,323	92,478
Chemicals	136,527	101,115	144,317	48,404
Paper	47,110	42,729	51,714	13,700
Cement	49,999	46,661	48,954	14,241
Building Materials	23,351	26,873	30,719	8,690

Assets (MB)	2008	2009	2010	Q1/11
Consolidated	285,776	315,986	359,219	376,544
Chemicals	138,504	165,947	165,087	172,683
Paper	51,089	48,271	50,127	50,129
Cement	60,770	60,680	61,018	61,164
Building Materials	22,654	22,992	24,796	26,612

EBITDA (MB)	2008	2009	2010	Q1/11
Consolidated	38,783	47,116	45,949	13,519
Chemicals	12,598	19,482	16,024	4,926
Paper	6,660	7,901	9,129	2,547
Cement	11,272	11,616	10,810	3,755
Building Materials	4,085	4,907	5,489	1,415

Net Profit (MB)	2008	2009	2010	Q1/11
Consolidated	16,771	24,346	37,382	9,207
Chemicals	6,136	12,556	22,609	4,788
Paper	1,658	2,286	3,490	1,054
Cement	6,006	6,214	6,014	2,241
Building Materials	778	1,617	1,872	524

EBITDA Margin (%)	2008	2009	2010	Q1/11
Consolidated	12%	18%	14%	14%
Chemicals	7%	17%	9%	9%
Paper	14%	18%	18%	19%
Cement	23%	25%	22%	26%
Building Materials	16%	18%	17%	16%

EBITDA / Assets (%)	2008	2009	2010	Q1/11
Consolidated	14%	15%	13%	14%
Chemicals	9%	12%	12%	10%
Paper	13%	16%	16%	20%
Cement	19%	19%	19%	25%
Building Materials	18%	21%	20%	21%

CAPACITY AT THE END OF 2011



slide 50

Chemicals - Naphtha Cracker (consolidated)		Chemicals - Associates (equity accounting)	
Ethylene	1,700,000 tons	<u>Mitsui Chemicals JV</u>	
Propylene	1,200,000 tons	- PTA (1.44 million tons)	50%
		- PET (100,000 tons)	20%
		- PP Compound 86,000 tons	46%
Chemicals - Downstream (consolidated)		<u>Dow Chemicals JV</u>	
HDPE	1,180,000 tons	- LLDPE (650,000 tons)	50%
LDPE + LLDPE	200,000 tons	- SM (300,000 tons)	50%
PP	720,000 tons	- PS (100,000 tons)	50%
PVC (Thailand, Indo, Vietnam)	940,000 tons	- Specialty Elastomer (220,000 tons)	50%
		- Propylene Oxide (390,000 tons)	50%
Paper (consolidated)		<u>Mitsubishi Rayon JV</u>	
Packaging Paper (Thai, Phil, Viet)	1.88 million tons	- MMA (175,000 tons)	47%
Box (Thai, Malay, Sing, Viet)	795,000 tons	- Cast Sheets (20,000 tons)	47%
Printing & Writing Paper	565,000 tons		
Short Fibre Pulp	425,000 tons		
Cement (consolidated)		Building Products (consolidated)	
Grey Cement (Thai + Cambodia)	24 million tons	Ceramic Tiles (Thai, Indo, Phil)	122 M sqm
Ready-Mixed Concrete	19 million metre ³	Roofing Products (Thai, Cambodia, Phil, Viet)	87 M sqm
		Ceiling & Wall Products	65 M sqm
		Autoclaved Lightweight Concrete	15 M sqm