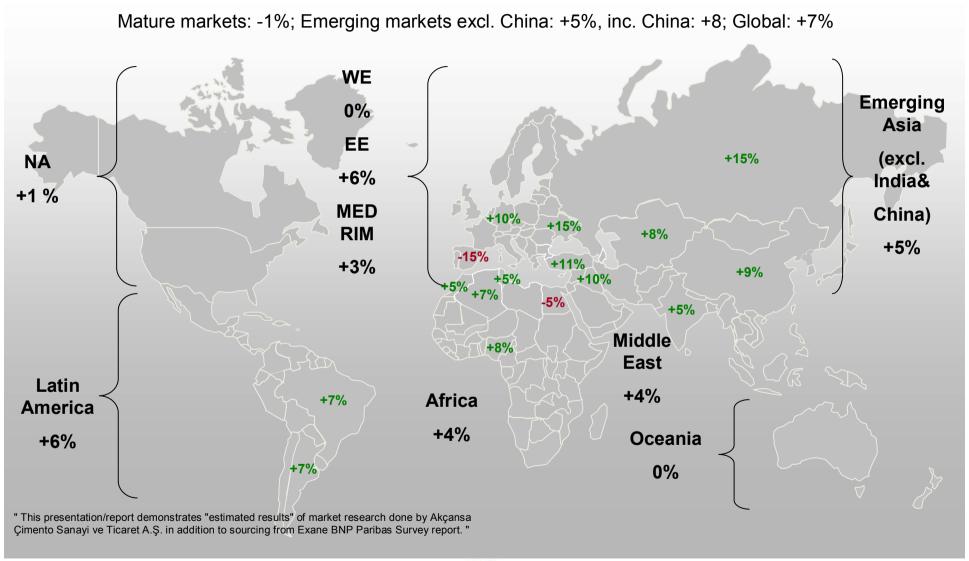




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# **Cement Consumption Trends: Regional Consumption 2011 Estimate**

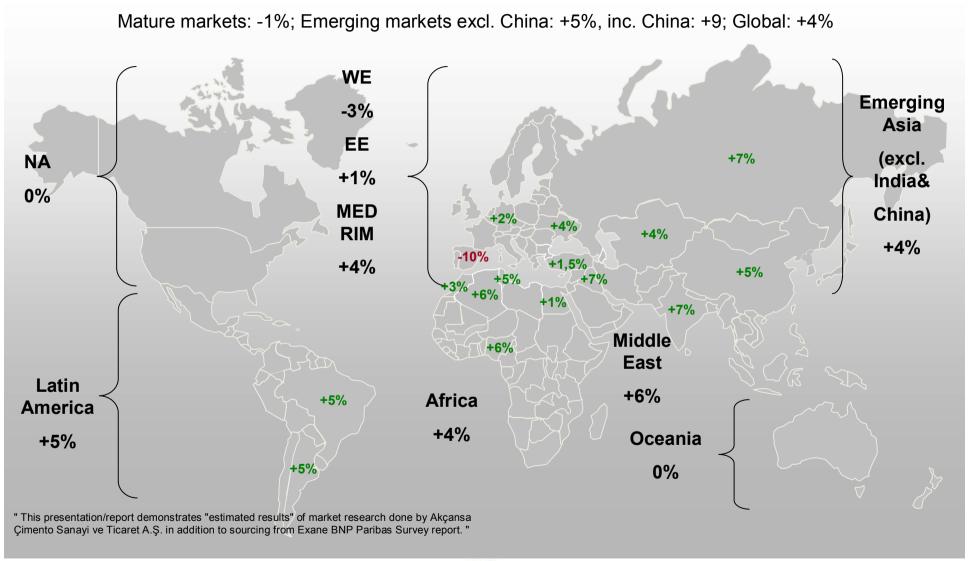








# **Cement Consumption Trends: Regional Consumption 2012 Estimate**



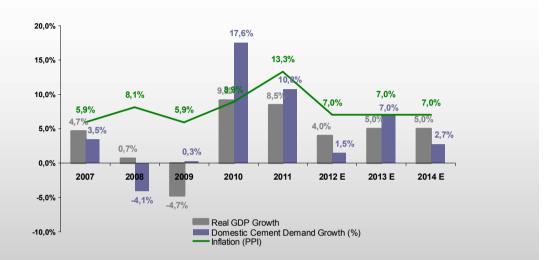




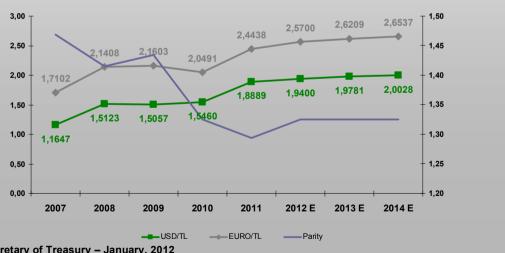


# **Turkey Macroeconomic Assumptions 2007-2014**

Turkey Macroeconomic Indicators				
Years	Government Budget Deficit/GDP	TR-3 Months Deposit Rate, Annual,%	Population (mio)	
2007	-1,6%	17,5%	70,2	
2008	-1,8%	20,0%	71,1	
2009	-5,5%	9,3%	72,1	
2010	-3,6%	8,8%	73,0	
2011	-1,7%	9,8%	74,0	
2012	-1,5%	9,8%	74,9	
2013	-1,4%	10,1%	75,8	
2014	1,0%	10,4%	76,7	



- •Inflation is expected to be stable for the coming years
- •Positive growth expectations for 2012, 2013 and 2014
- •FX rates increase with almost stable EUR/USD parity
- •Steadily decreasing budget deficit per capita



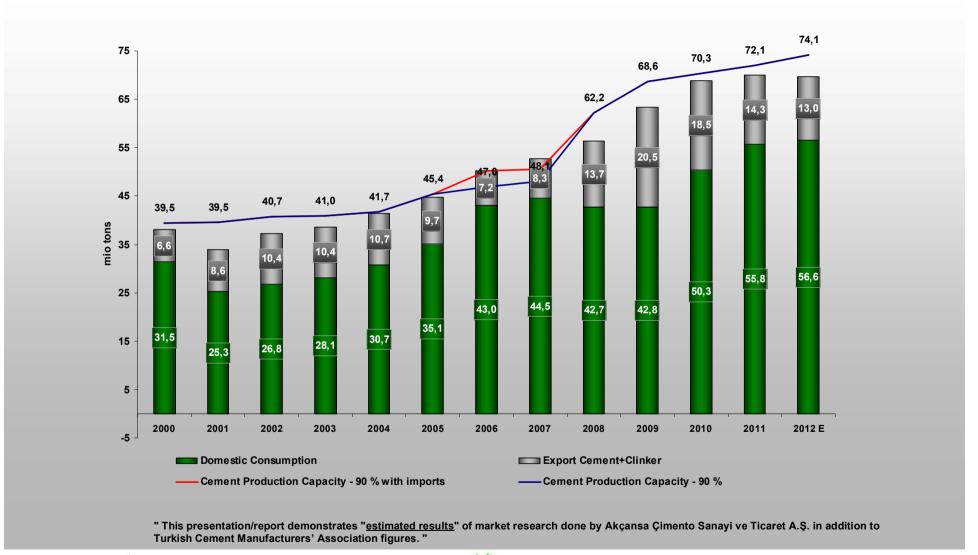
Source: Sabancı Holding and Undersecretary of Treasury – January, 2012







# Turkish Cement Sector (2000 – 2012E)









# **Turkish Cement Market (Expectations)**







	2006	2007	2008	2009	2010	2011	2012E
1. Private Housing	66%	61%	53%	55%	53%	52%	52%
2. Commercial	13%	15%	12%	8%	11%	11%	11%
3. Public	3%	4%	4%	4%	5%	5%	5%
4. Infrastructure/Projects	17%	20%	30%	33%	30%	32%	32%





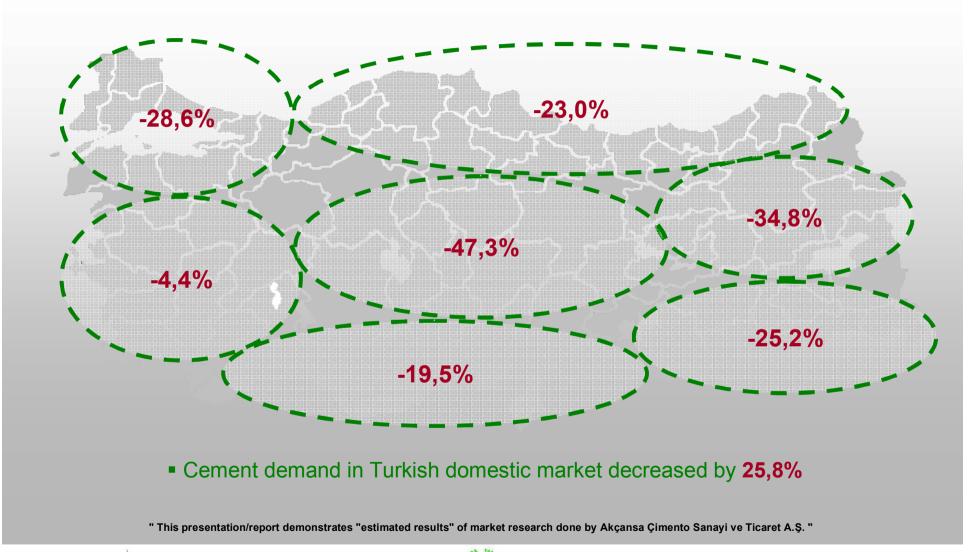


Source: TUIK and TCMA





# Turkish Cement Market, Sales Volumes Change %, (Feb'12 YTD)

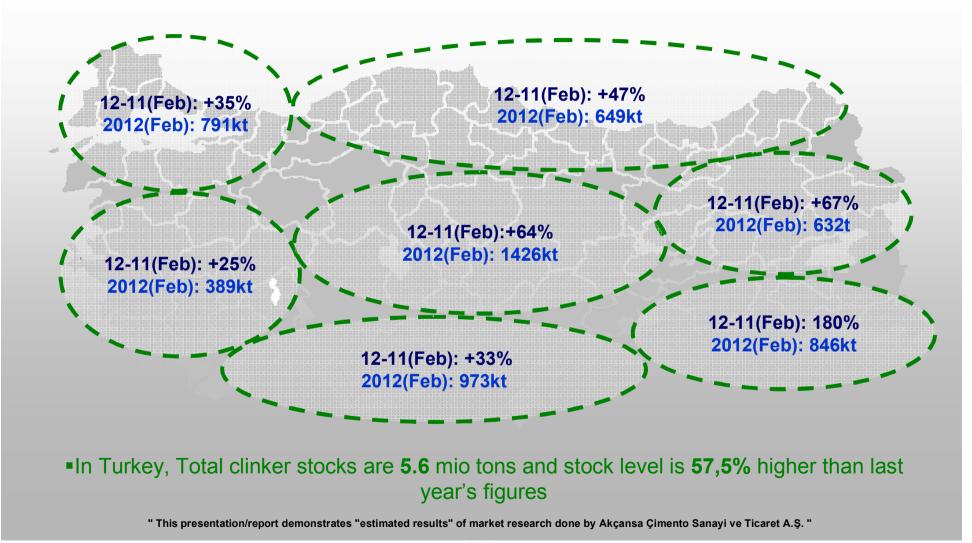








# Turkish Cement Market, Clinker Stock Level Change %, (Feb'12 YTD)

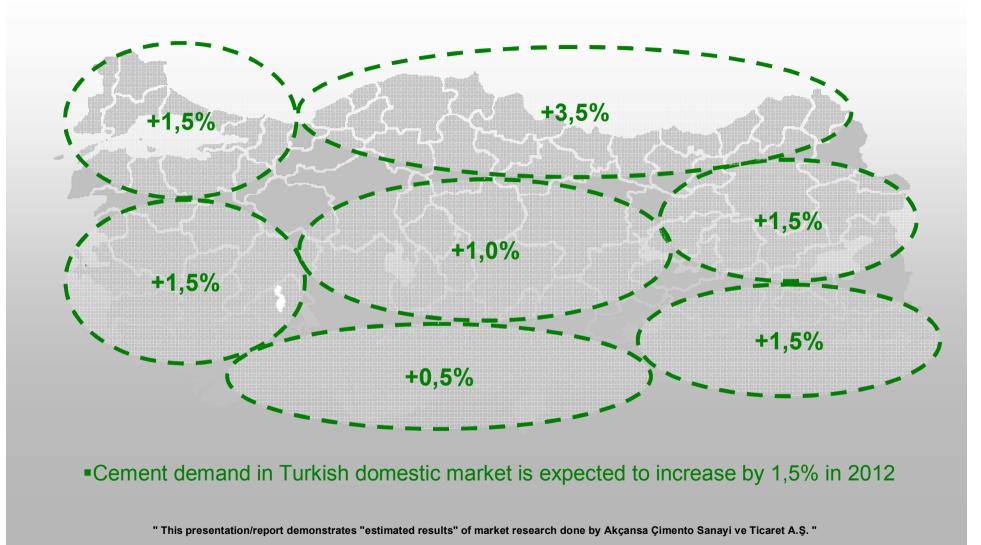








# **Turkish Cement Market, Sales Volumes Change %, (2012 - Expected)**

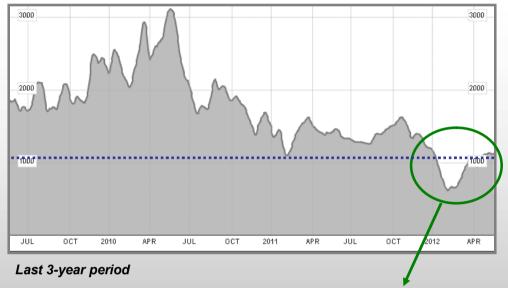




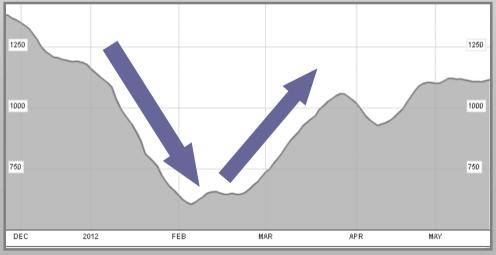




# **Baltic Supramex Index**



At its lowest level for years



Bounced back to a lower and more stable index level after a deep dive

Source: Bloomberg



Last 6-month period



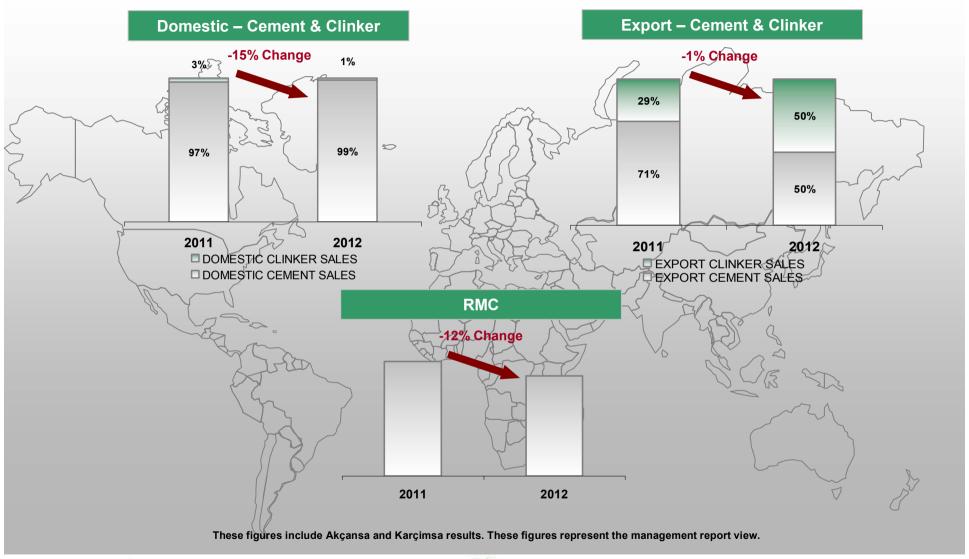


# **Financial Highlights**

- Q1 comparison:
  - Q1 turnover is up by 4% against Q1 in 2011
  - Operating income in Q1'12 is 23% higher than Q1'11
  - Net income for Q1'11 increased by 55% compared to Q1'11
- Margins improved due to the following reasons;
  - Increase in domestic sales prices
  - Decline in fuel prices
  - Better electricity prices in Canakkale Plant after the contract with new supplier
  - Increase in alternative fuel consumption
  - Positive impact of Waste Heat Investment on energy



# Akçansa Sales Volumes (YTD 2012 vs. YTD 2011)

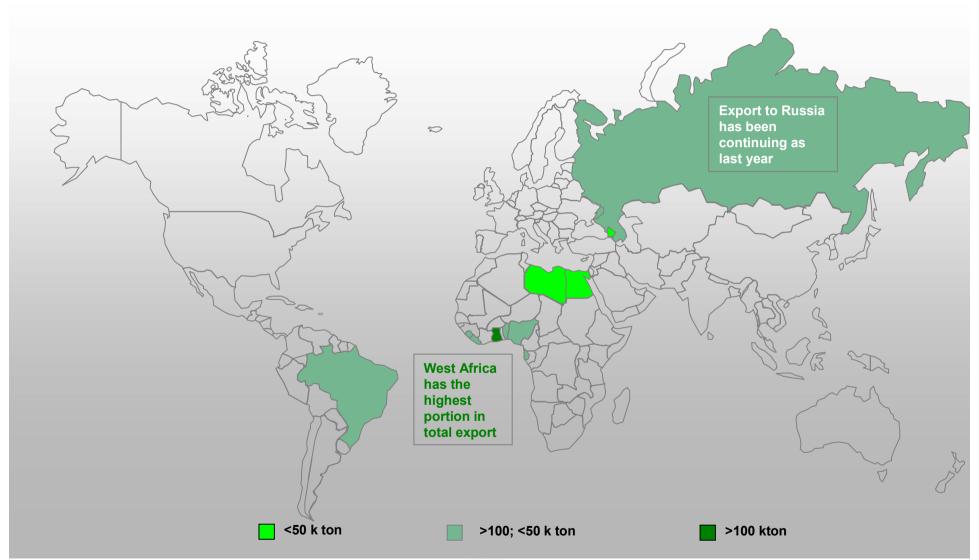








# Akcansa Export Regions (2012 Q1)

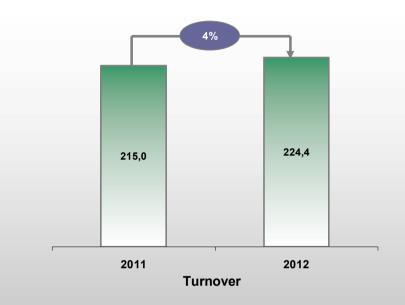




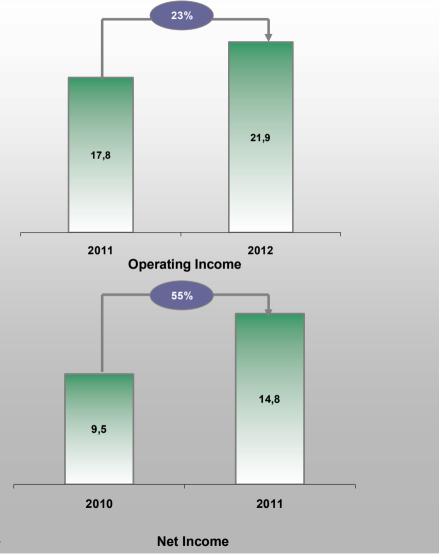




# Key Figures (million TL) (YTD 2012 vs YTD 2011)



- •Increased volume and better prices reflected within better operating income and net profit results.
- •Higher operating income in 2012;
  - Price growth,
  - Better fuel prices, increasing alternative fuel consumption, waste heat project go live



\* These figures include Akçansa and Karçimsa results. These figures represent the management report view.





# Market Trends in 2012 Q1 and 2012 YE

	Cement		
2012 Q1	Volume	Price (TL/ton)	
Domestic Cement	•	25000	
North Marmara	•	55 CO	
South Marmara		155 THE	
East Marmara		4500	
Aegean	1		
Black Sea			

(\*) Compared to 2011 Q1

	Readymix		
2012 Q1	Volume	Price (TL/m3)	
General			
Europe			
Asia		September 1	
Thrace	1	55 THE	
Aegean		550	
Black Sea		No. of the last of	

(\*) Compared to 2011 Q1

(\*) Compared to 2011 Q1

Energy	2012	2012
Lifetgy	Q1	YE
Coal		
Petcoke		100
Electricity		
Diesel		

(\*) Compared to end of 2011

2012	Expectations		
2012	Volume	Price	
Domestic Cement (TL/t)	100		
Export Cement (\$/t)		<b>(111)</b>	
Export Clinker (\$/t)			
RMC (TL/m3)		1	

(\*) Compared to 2011 full year

<sup>\*</sup> These figures include only Akçansa and Karçimsa results. These figures represent the management report view.





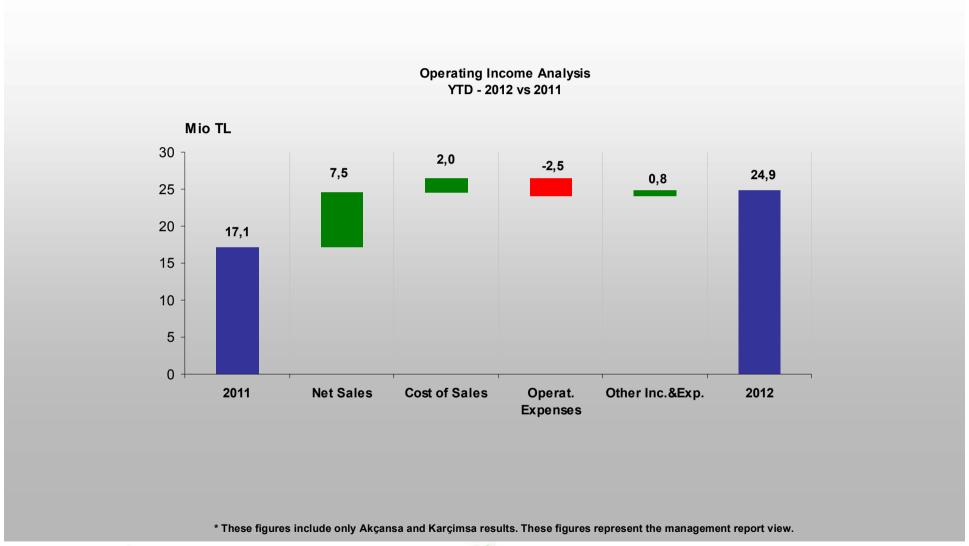
Cement

Volume Price (\$/ton)

Export Cement

Export Clinker

# Cement B/L Profit and Loss Accounts YTD

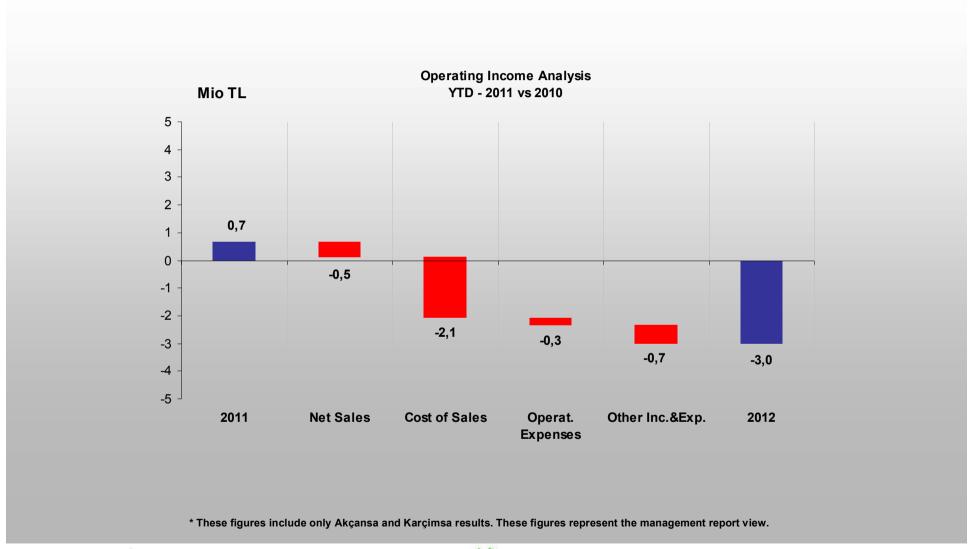








# Readymix B/L Profit and Loss Accounts YTD

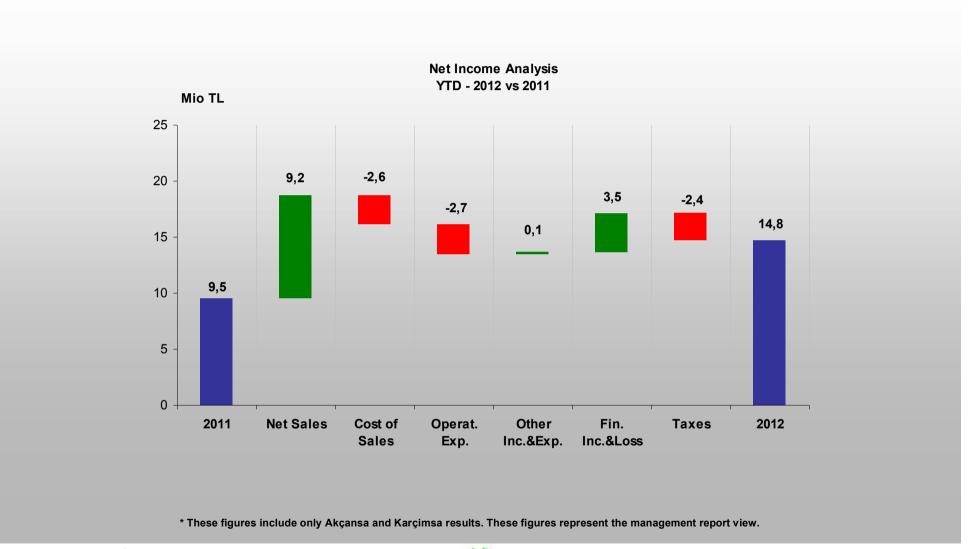








# **Company Profit and Loss Accounts YTD**

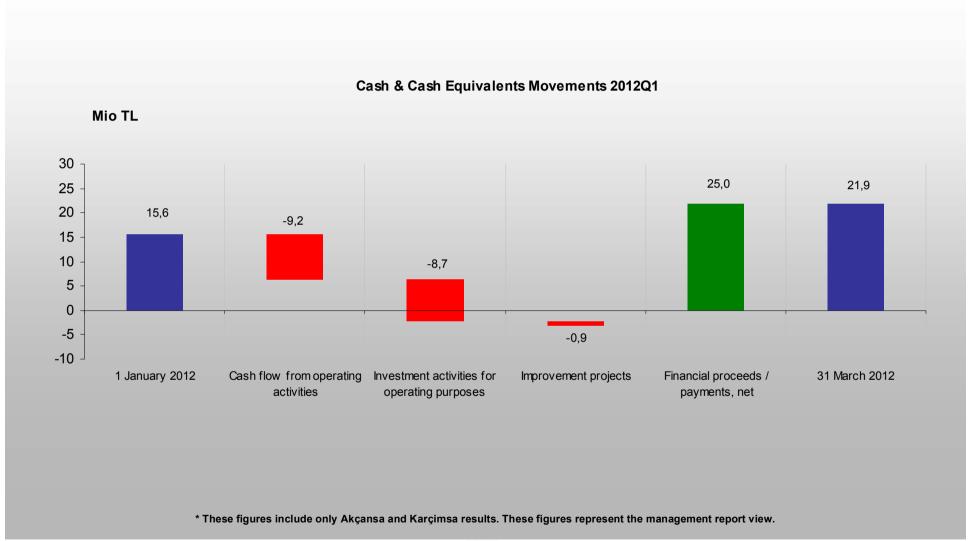








# Cash Flow Statement 2012 Q1









# Balance Sheet as of March 2012 and 2011

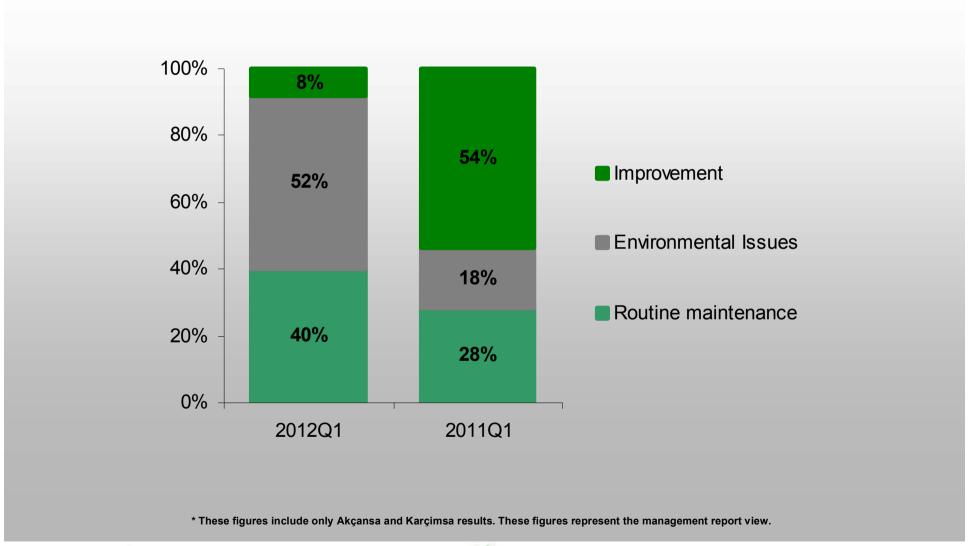
Mio TL	31.03.2012	31.03.2011	Mio TL	31.03.2012	31.03.2011
Current Assets	352,6	365,2	Current Liabilities	262,8	298,1
Cash & cash equivalents	21,9	68,2	Financial Liabilities	140,8	147,5
Trade receivables	214,9	190,1	Trade payables	94,0	90,4
Inventories	103,8	95,8	Tax payable	5,7	2,6
Other current assets	12,0	11,1	Other current liabilities	22,3	57,5
Non-current Assets	918,6	922,6	Non-current Liabilities	102,9	176,3
Financial investments	135,6	149,5	Financial Liabilities	35,7	111,6
Fixed Assets	648,5	634,5	ETB provision	19,4	17,4
Goodwill	129,5	129,5	Deferred tax liabilities	44,5	44,6
Deferred tax assets	1,7	2,0	Other non-current liablities	3,2	2,8
Other non-current assets	3,4	7,1			
TOTAL ASSETS	1.271,2	1.287,8	Shareholders Equity	905,4	813,3
			Paid in Capital	191,4	191,4
BS data and key ratios			Retained earnings	597,4	497,2
Working Capital	224,7	195,5	Comprehensive income	90,9	104,4
Net debt	154,6	191,0	Net income	15,0	9,7
Current ratio	1,34	1,22	Minority interest	10,7	10,7
Debt to equity ratio	0,40	0,58			
Net financial debt to assets	0,12	0,15	TOTAL LIABLILITES & EQUITY	1.271,2	1.287,8

<sup>\*</sup> These figures include only Akçansa and Karçimsa results. These figures represent the management report view.





# Capex Distribution 2012 Q1 vs 2011 Q1









# **Prospects 2012**

#### **Economic Activities**

- Domestic demand remains stable and prices are rising
- Construction based growth plans of the government go live
  - New regulations in force in relation to residential build (in response to Earthquake)
  - Urban transformation passed into law in May'12: 40 bio USD per year (for the following 10 years)
  - Increase in construction activities because of new law about lands under the specification of 2B.
  - Turkey's Parliament has approved a law that eases restrictions on the sale of land and real estate to foreign citizens and firms (allows to buy lands from 25 K to 300 K sgm)

#### **Operations**

- Continued focus on margin enhancement
- Focus on added value products in RMC
- New type of cement: Purebred Cement

#### **Energy**

- Full year utilizing waste heat project (~15 mio TL gain)
- Continuous and steady increase in alternative fuel usage going forward
- And ...











# **Energy always matters...**

- To increase efficiency on energy usage
  - Flexibility in use of petrocoke and coal
  - Use of import channels of HC Trading firms
  - High-sulfur petrocoke usage permit
  - Hedging coal purchases to minimize cost inflation risk
  - Active electricity portfolio management
  - Canakkale Plant has licence of shreded tire import
- To increase alternative fuel usage
  - Alternative fuel feeding system investment in Canakkale Plant

# Primary

# Alternative











# 







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# **Appendix**

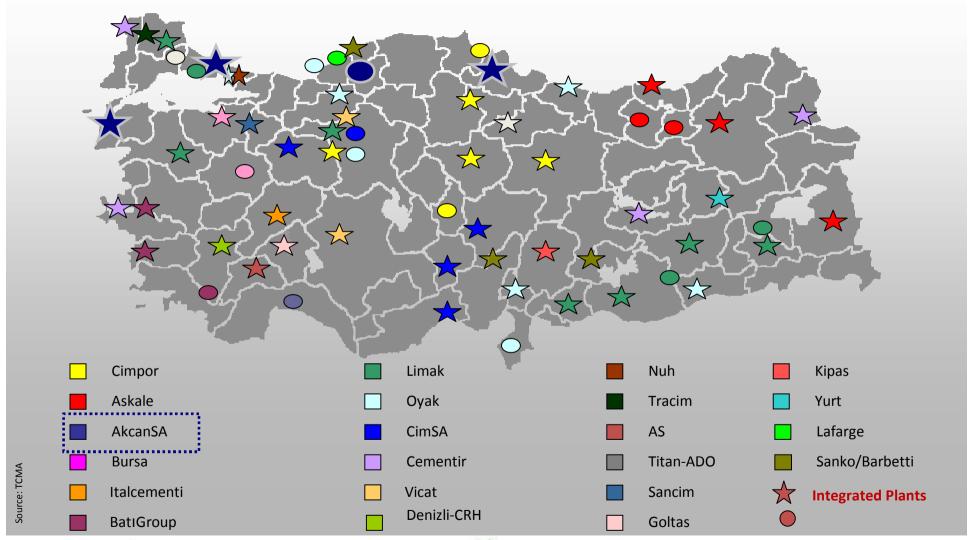






# **Cement Sector Distribution in Turkey**

48 integrated plants, 17 grinding mills, 65 plants, 22 players

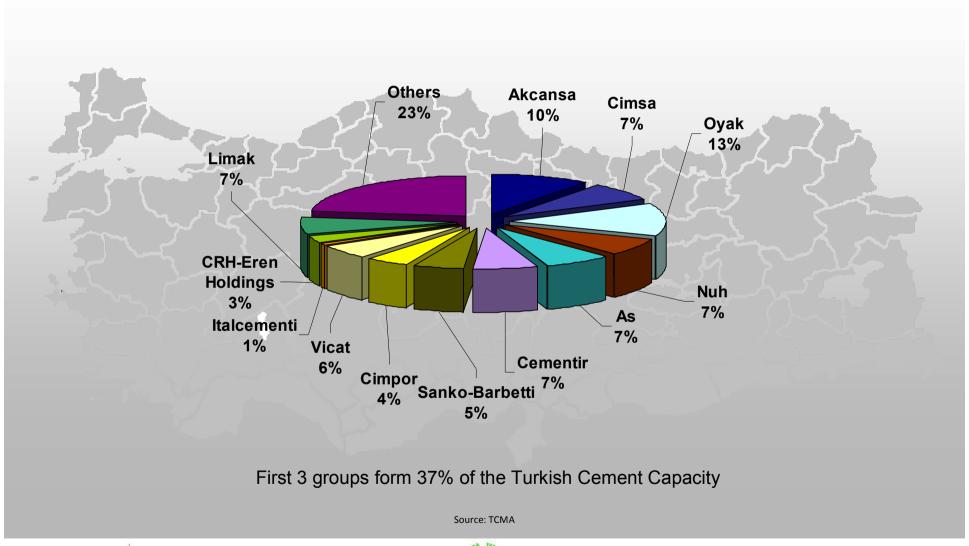








# **Turkey Clinker Capacity Distribution**









# Akcansa at a glance

#### **Key Operational Highlights**

3 cement plants6,5 m ton clinker capacity9 m ton cement capacity

#### 38 RMC terminals

8,5 million m3 RMC capacity

#### 6 domestic terminals

3,2 m ton total operating capacity

#### 2 jetties

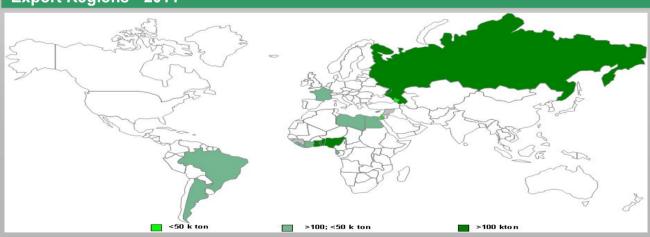
(Ambarlı & Çanakkale)

#### **Key Financial Highlights**

	<u>2011</u>	<u>2010</u>
Net Sales (m TL)	1.010,0	817,4
Domestic portion (%)	81	77
Export portion (%)	19	23
Gross Margin (%)	17,9	13,7
EBIT (%)	13,8	9,5
EBITDA (%)	19,1	16,2
Net Profit (%)	9,9	7,3

#### **Operations in Turkey** Operation Capacity 1,600,000 Operation Capacity 120,000 Büyükçekmece Cement Production Capacity 2,800,000 Hopa Operation Capacity 120,000 Clinker Production Capacity 1,850,000 Cement Production Capacity 200,000 Lodik Cement Production Capacity Operation Capacity 700,000 1.050,000 Clinker Production Capacity 650,000 Cement Production Capacity Ready-mixed concrete Operation Capacity 300,000 5,500,000 production capacity of Clinker Production Capacity 8.5 million m3 in 38 plants 4,000,000 Operation Capacity

#### **Export Regions - 2011**



<sup>\*</sup> These figures include only Akçansa and Karçimsa results. These figures represent the management report view.





# Cement B/L Profit and Loss Accounts 2012 Q1

Cement Mio TL	YTD 2012	Var YTD'12 vs. YTD'11
Net Sales	154,7	7,5
Cost of Sales	(120,1)	2,0
Gross Margin	34,7	9,4
Operating Expenses	(9,9)	(2,5)
Other Operating Income/Charges	0,1	0,8
Operating Profit/Loss	24,9	7,8
Non-Operating Financial Income/Charge	(0,2)	0,2
Profit/Loss before Taxes	24,7	8,0







<sup>\*</sup> These figures include only Akçansa and Karçimsa results. These figures represent the management report view.

# Readymix Profit and Loss Accounts 2012 Q1

Readymix Mio TL	YTD 2011	Var YTD'11 vs. YTD'10
Net Sales	89,7	(0,5)
Cost of Sales	(89,6)	(2,2)
Gross Margin	0,1	(2,7)
Operating Expenses	(2,1)	(0,3)
Other Operating Income/Charges	(1,0)	(0,7)
Operating Profit/Loss	(3,0)	(3,7)
Non-Operating Financial Income/Charge	0,1	0,0
Profit/Loss before Taxes	(2,9)	(3,6)







<sup>\*</sup> These figures include only Akçansa and Karçimsa results. These figures represent the management report view.

# **Company Profit and Loss Accounts 2012 Q1**

Company Mio TL	YTD 2012	Var YTD'12 vs. YTD'11
Net Sales	218,9	9,2
Cost of Sales	(184,2)	(2,6)
Gross Margin	34,8	6,7
Marketing&Sales Expense	(3,0)	(0,9)
General Management Expenses	(9,0)	(1,8)
Other Operating Income/Charges	(0,9)	0,1
Operating Profit/Loss	21,9	4,1
Non-Operating Financial Income	14,9	8,0
Non-Operating Financial Charge	(17,1)	(4,5)
Profit/Loss before Taxes	19,7	7,6
Taxes On Income	(4,9)	(2,4)
Net Income/Loss	14,8	5,2
Gross Margin %	15,9%	2,5%
EBIT Margin %	10,4%	1,4%
Net Income Margin %	6,7%	2,1%
EBITDA Margin %	16,9%	1,5%

<sup>\*</sup> These figures include only Akçansa and Karçimsa results. These figures represent the management report view.







# Cash Flow Statement 2012 Q1 and 2011 Q1

Company Mio TL	YTD 2012Q1		YTD 2011Q1	
Cash flow from operating activities				
Operating income before the changes in working capital	38,8		33,8	
Changes in working capital	(47,0)		(46,2)	
Decrease in provisions through cash payments	(1,0)		(0,5)	
Cash flow from investing activities		(9,2)		(12,9)
Tangible and intangible fixed assets	(9,6)		(11,7)	
Proceed from fixed asset disposals	0,1		0,1	
Cash flow from financing activities		(9,5)		(11,6)
Net proceeds from bonds and loans	25,0		52,5	
	25,0	25,0	52,5	52,5
Net change in cash and cash equivalents - continuing operations  Net change in cash and cash equivalents - discontinued operations		6,3 -		28,0
Change in cash & cash equivalents				
Cash & cash equivalents at 1 January	15,6		40,2	
Cash & cash equivalents on 31 December	21,9	6,3	68,2	28,0

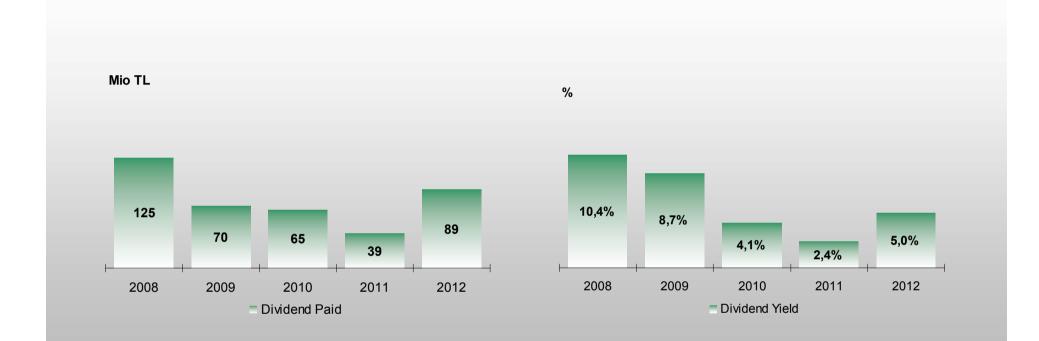
<sup>\*</sup> These figures include only Akçansa and Karçimsa results. These figures represent the management report view.







# **Dividend Paid and Dividend Yield**



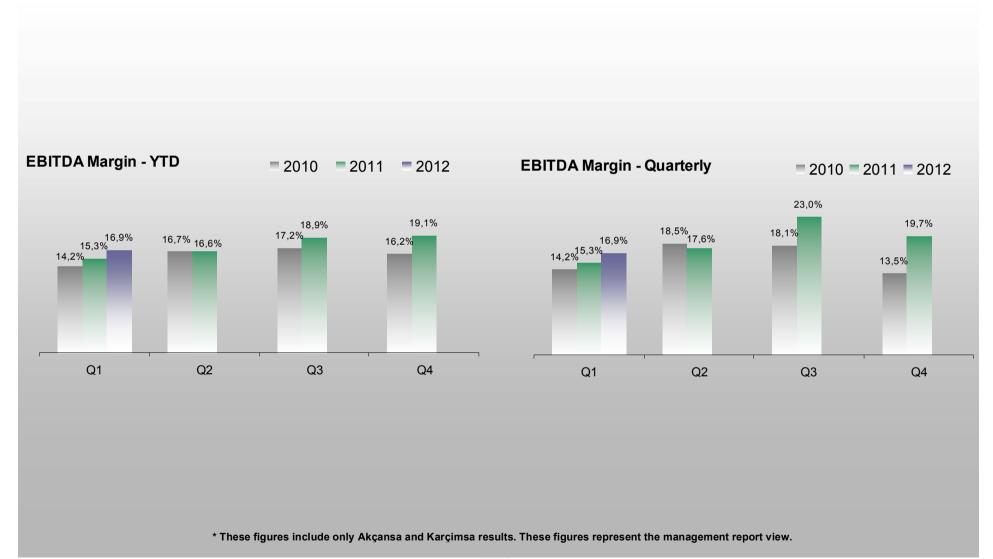
There has not been any change in dividend payment policy throughout years

\* These figures include only Akçansa and Karçimsa results. These figures represent the management report view.





# **EBITDA Margins**









# **Construction Projects in Turkey**

#### **Ongoing Projects**

#### **Akcansa**

- ■Özdilek AVM (Continuing, 200 k m3)
- Zeytinburnu Varyap Project Student Dormitory (Continuing, 80 k m3)
- ■Sinpaş Bosphorus City Project (Continuing, 500 k m3)
- ■Sinpaş GYO Akasya Project (Continuing, 450 k m3)
- ■Varyap Meridian Project (Continuing, 260 k m3)
- ■Innovia Project (Continuing, 500 k m3)

For further information about our projects please visit our web site: www.betonsa.com.tr

#### **Turkey**

- ■New Metro Routes (Project Period: 2010-13)
  - ■Kabataş Mahmutbey;2,4 bio TL
  - ■Beylikdüzü Bakırköy; 2,2 bio TL
  - ■Üsküdar Ümraniye; 1,9 bio TL
  - ■Bakırköy Kirazlı; 0,8 bio TL

#### **Projects in the Pipeline**

#### •İzmit - İzmir Highway; signed, not started

- Highway (421 km)
- Izmit Bridge; Length 1,7 km; Cost: 2 bio TL
- •Four tunnels (7,4 km)
- ■30 viaducts (18,2 km)

#### •Çanakkale Bridge; project

- •Çanakkale Bridge (2,2 km)
- Highway (13,7 km)
- ■2 mio ton cement excluding the accommodation consumption

#### Third Bridge; project

- Ictas Construction Industry Trade Corp.-Astaldi Joint Initiative Group won the project
- Estimated cost is \$2.5 bio
- Will be built in 3 years
- •1 mio ton cement excluding the accommodation consumption

#### ■The Bosphorus Tunnel, project

- ■5,4 km
- Highway
- 1,1 bio USD

#### Tunnels Construction in İstanbul, project

- ■140 km
- 2 mio ton cement

#### •Urban transformation:

•40 bio USD per year (for the following 10 years)

#### Third airport project in Istanbul

Capacity: 150 mio people per year





#### General Basics About Cement and RMC Production

#### **Production**

- ■1,6 ton limestone is consumed to produce 1 ton of clinker
- •75-90% clinker is consumed to produce 1 ton of cement
- ■250-300 kg of cement in 1 m3 RMC produced
- ■1,5-2,0 ton of aggregate in 1 m3 RMC produced depending on the type of RMC produced

#### **Fuel**

- A cement plant of 1 mio ton clinker capacity may consume 100 k ton petrocoke or 130 k ton coal, or a mix of both
- ■7.500 k/ton in petrocoke vs. 6.000 kcal/ton in coal.
- •Fuel accounts for 30-40% of the variable cost of producing 1 ton of cement

#### **Electricity**

- Electricity accounts 25-30% of the variable cost of producing 1 ton of cement.
- •0,01 tl increase in cost of 1 kwh electricity corresponds to 1-1,5 tl cost increase in 1 ton of cement.
- Contribution of waste heat project
  - •33% of Çanakkale Plant electricity consumption
  - •Monthly contribution to P&L of Akcansa will be around 1-1,5 mio TL based on current electricity prices





# **Akçansa Sustainability Approach**

Sustainability Committee











- •GRI Approval, 19.01.2011
- •First report in its sector
- Next report will be announced in 2012





### **Awards**

- ■The Best Admired Cement Company 2011
  - By Capital Business Magazine
- Environmental Award
  - **Canakkale Waste Heat Facility**
  - **By Istanbul Chamber of Industry**
- Sustainable Waste Management and **Communication Award** 
  - (One Carbon Double Oxygen Project)
  - **By CSR Europe**









