



→ Tinplate Outlook Quarterly Report

December 2011

International Market View



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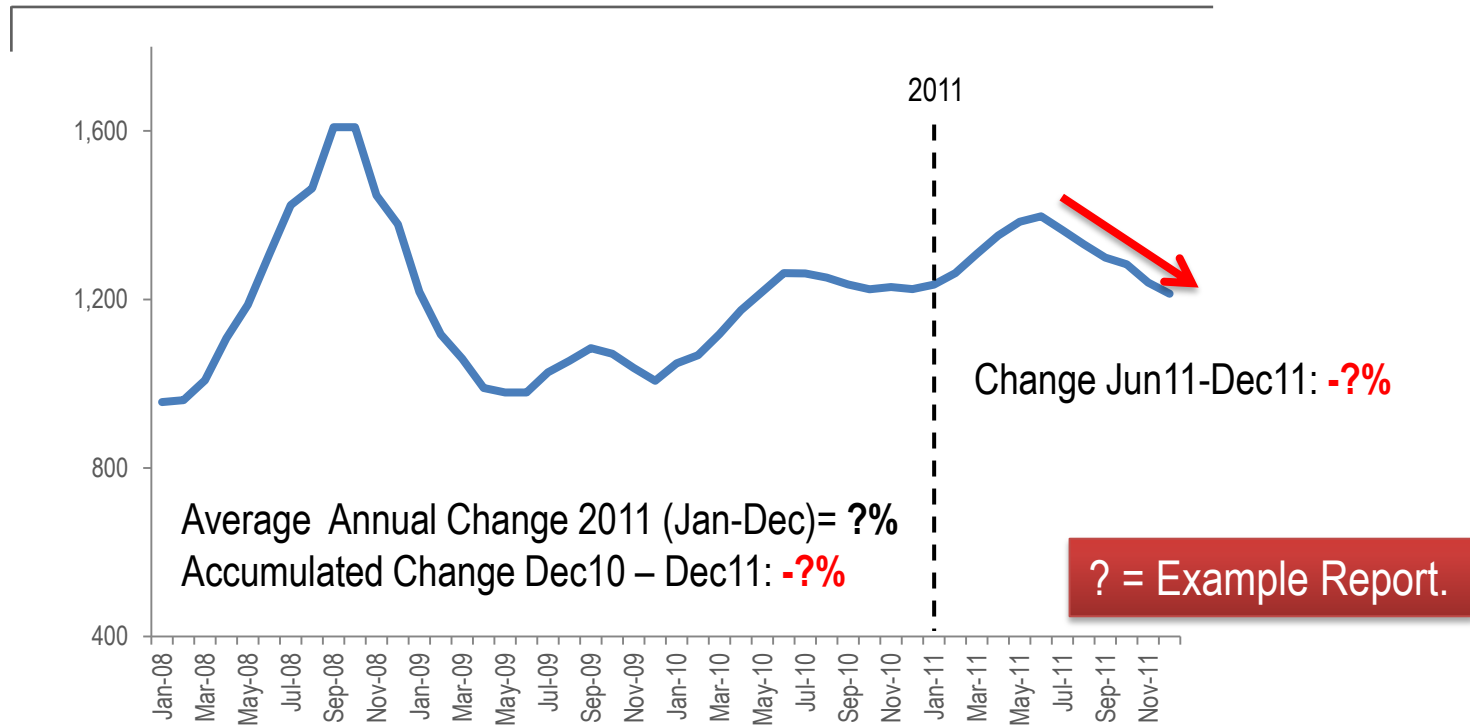
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1) Recent trends in global tinplate price.



The year 2011 was a recovery year for tinplate spot price, as it registered a ?% average annual increase. However, the international tinplate average spot price registered an important weakness during the second half of 2011...

Global Spot Average Tinplate Export Price * (dollars per metric ton)

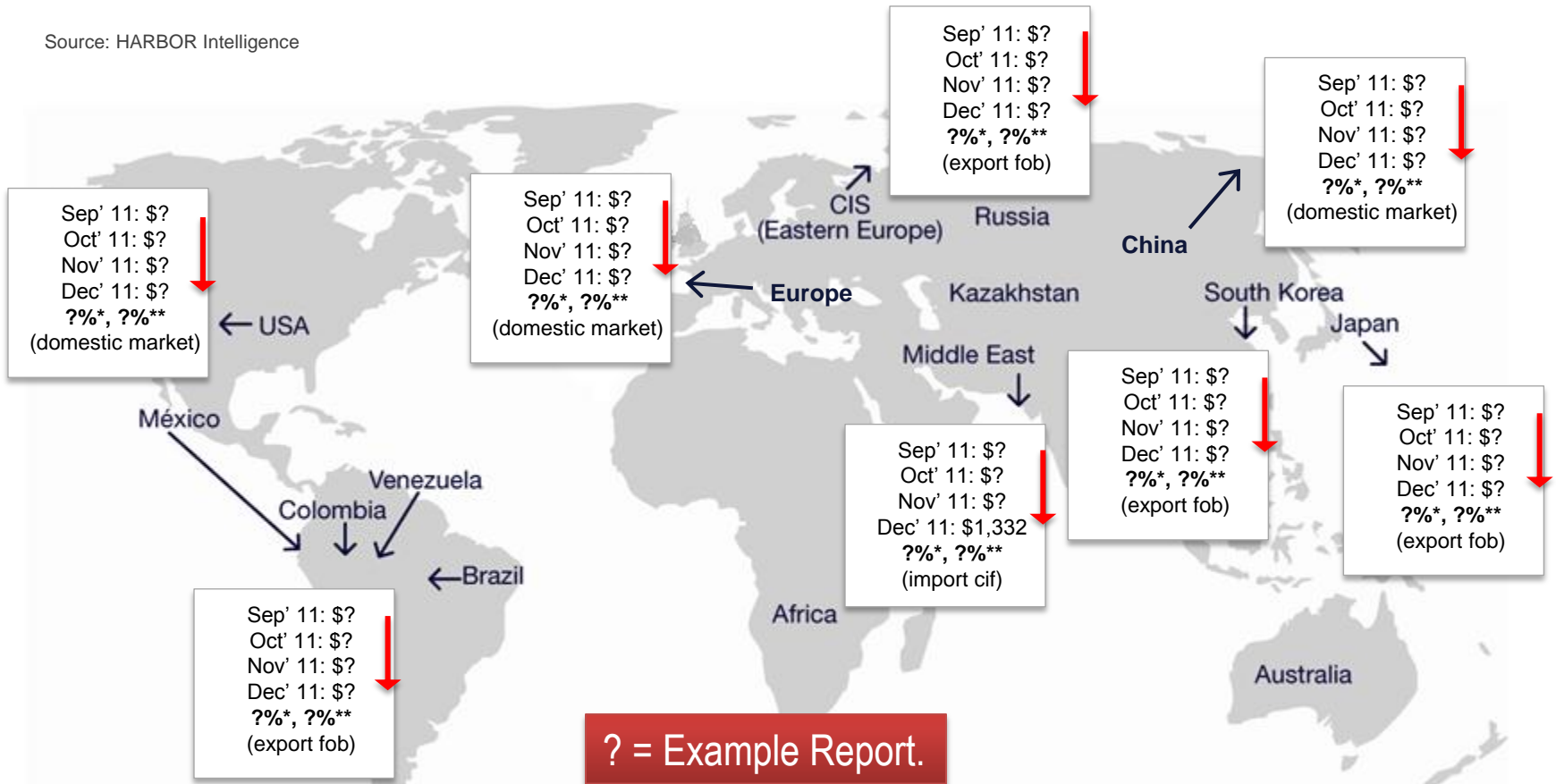


Source: HARBOR intelligence

* Includes the spot price of weighted export prices for Argentina, Brazil, Colombia, Mexico, Venezuela, Chile, Japan, South Korea, Kazakhstan, Russia, and Ukraine. Spot market average transaction price in dollars per metric ton for 0.21 mm sheet.

...which was reflected in all regions tinplate spot price during the same period.

Source: HARBOR Intelligence



GLOSSARY

export fob (port of departure, loading charge and stowage on ship)
Domestic market (delivered on border, optional tax payment, Not delivered on buyer's facilities.)

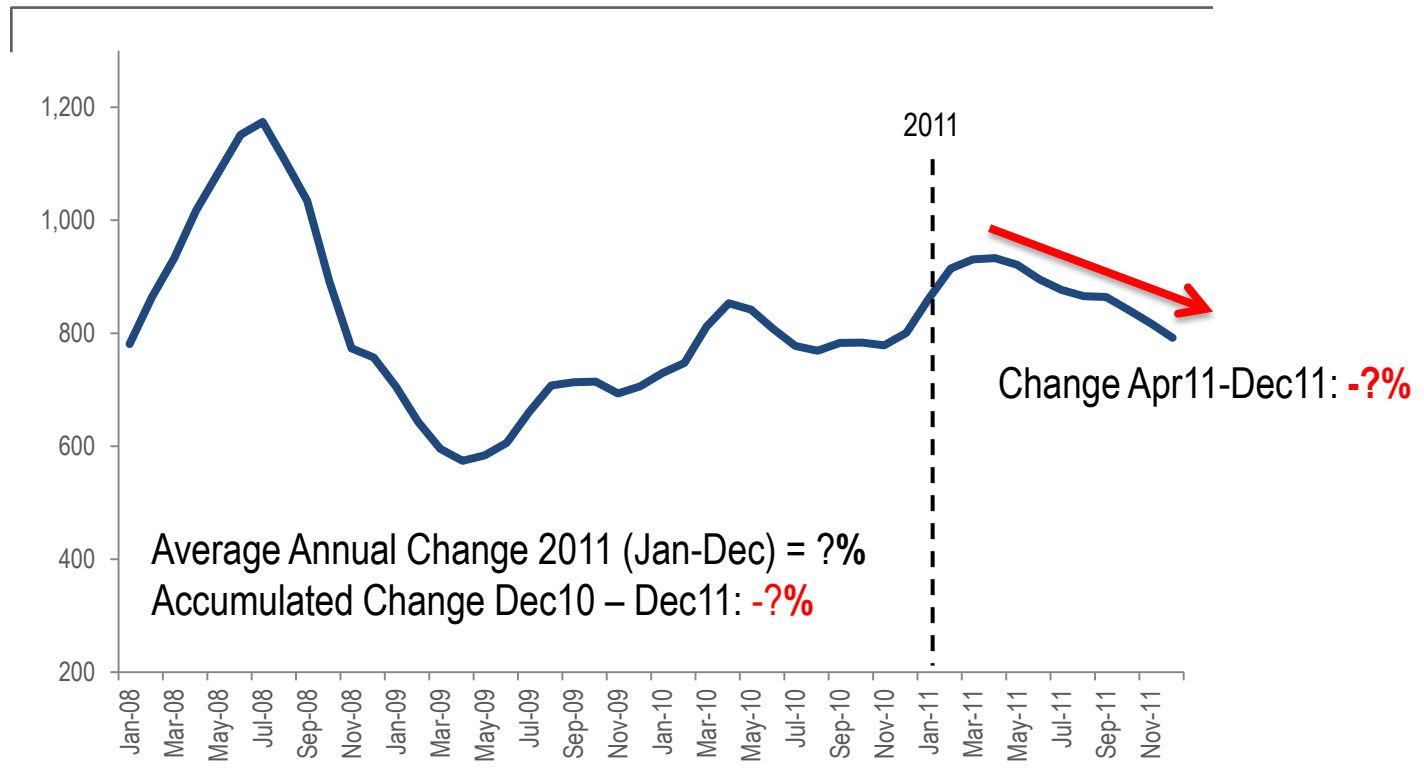
Spot market average transaction price in dollars per metric ton
 For 0.21 mm sheet.

* % accumulated change (December 2011 versus December 2010)

** % average annual change (January-December 2011 versus January-December 2010)

One of the main drivers behind the accumulated decline in global tinplate spot price was the slump in world cold-rolled steel price during most part of 2011...

Global Cold-rolled steel price (dollars per metric ton)

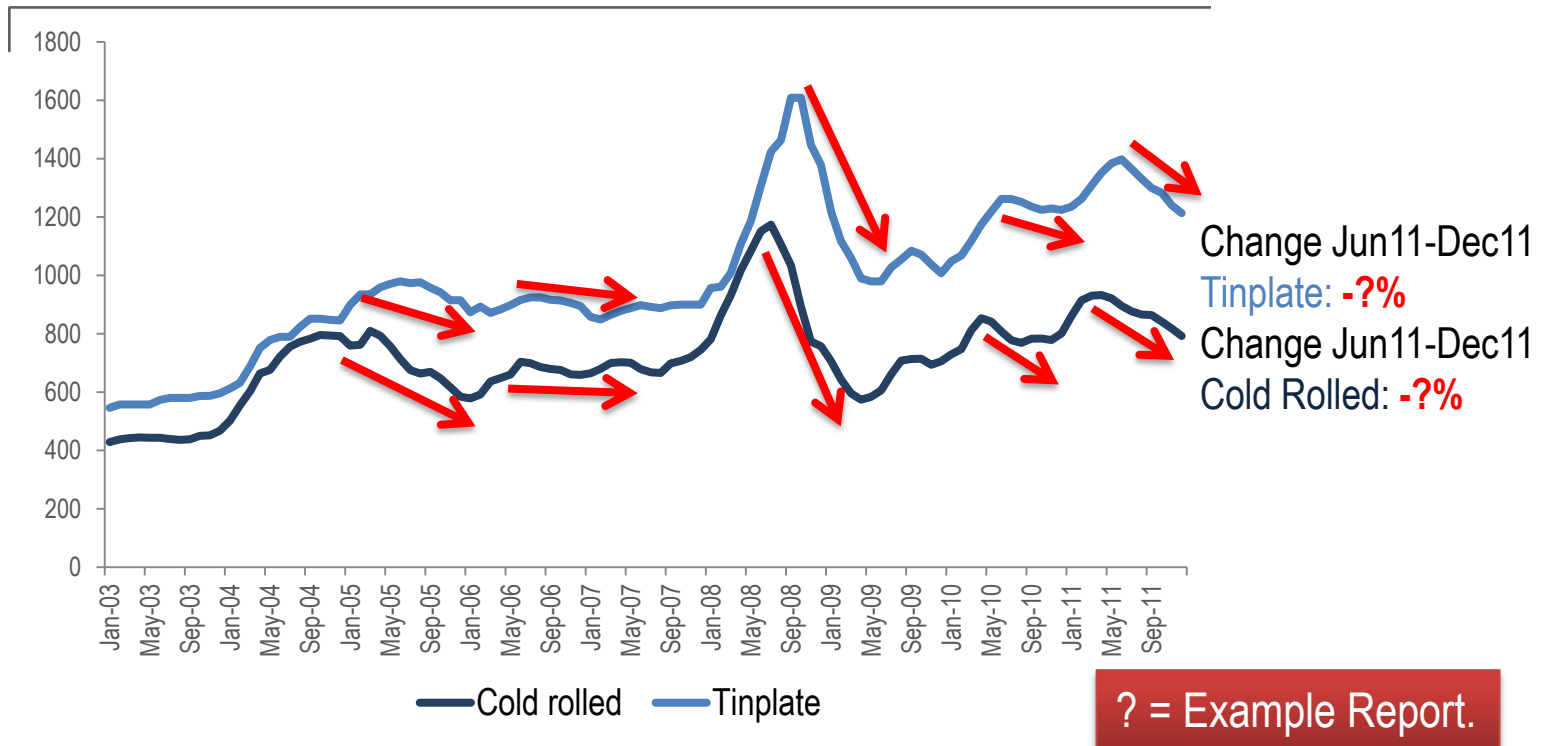


Source: HARBOR intelligence.

? = Example Report.

...which has reflected in the accumulated decline of both products, as there is an historical relation between CR steel price and tinplate price.

Global Tinplate Export Price* vs. Global Cold-rolled Price
(dollars per metric ton)



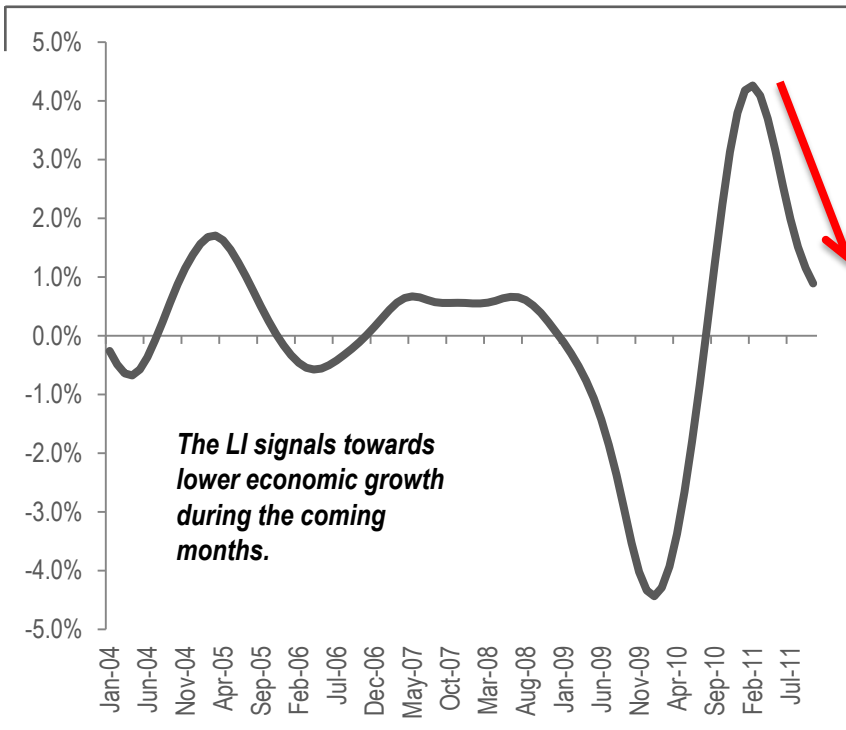
Source: HARBOR intelligence.

* Includes the spot price of weighted export prices for Argentina, Brazil, Colombia, Mexico, Venezuela, Chile, Japan, South Korea, Kazakhstan, Russia, and Ukraine. Spot market average transaction price in dollars per metric ton for 0.21 mm sheet.

The deceleration in most countries manufacturing sector, given the negative dynamics in the global economic environment, was also behind the decrease in tinplate spot price.

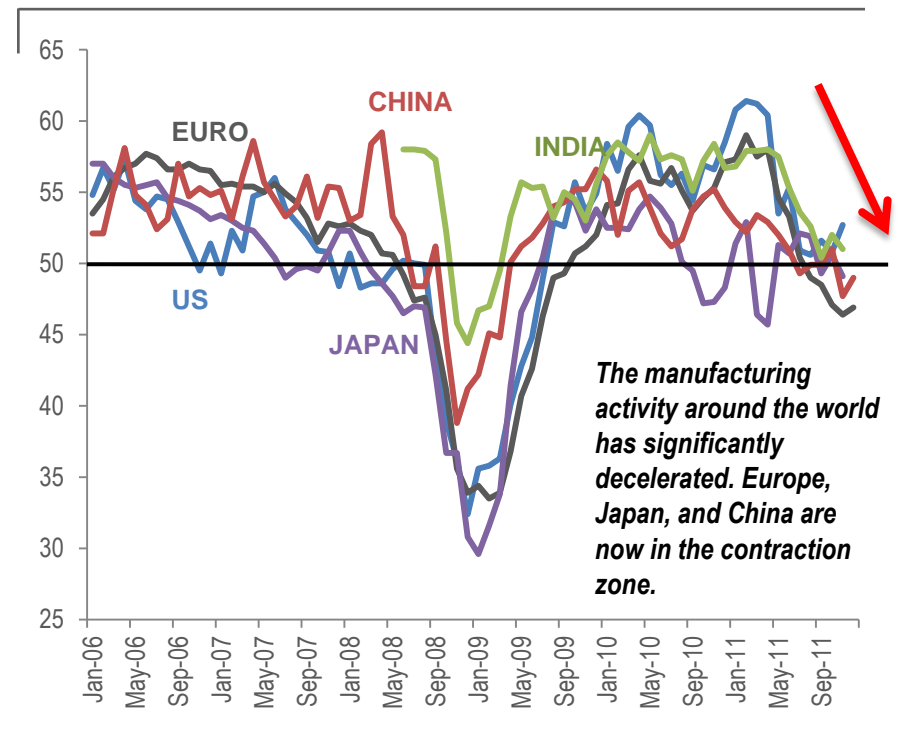
OECD Leading Indicator

(Annual growth; Amplitude adjusted CLI; includes major six NME*)



Manufacturing Activity by Regions

(monthly data; above 50 means expansion, below 50 means contraction)

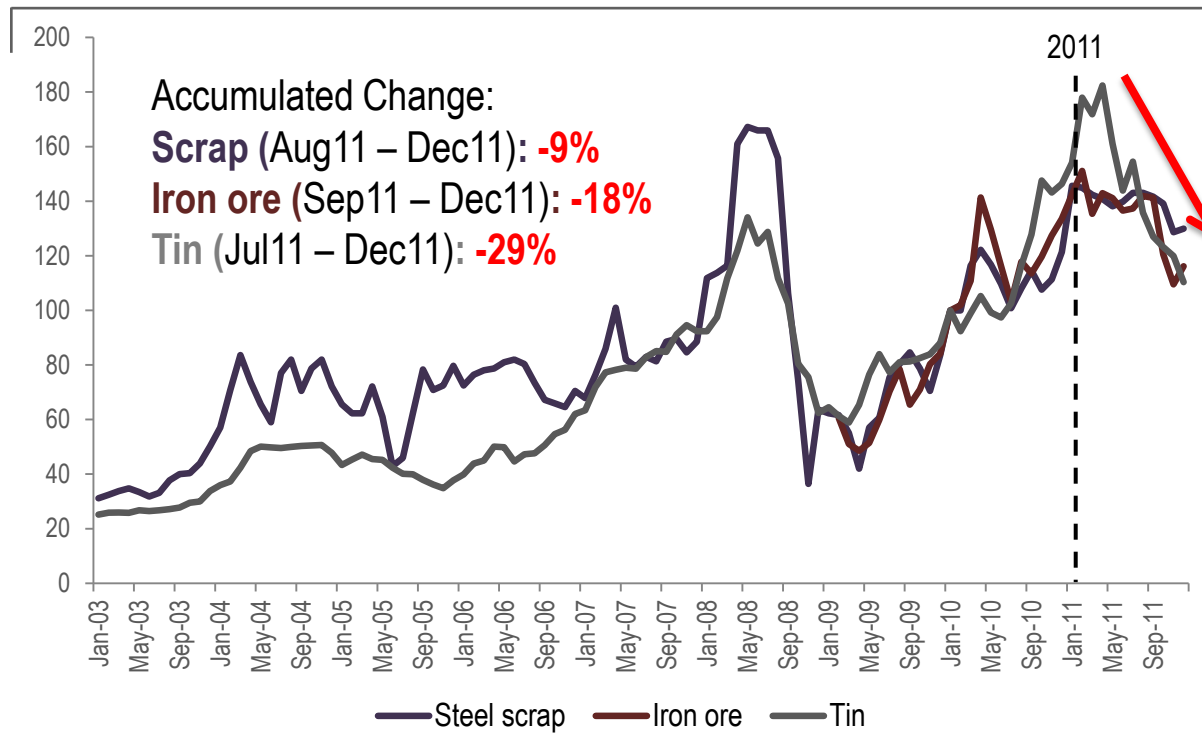


*Brazil, China, India, Indonesia, Russia, South Africa
Source: HARBOR intelligence with OECD data.

Source: HARBOR intelligence with manufacturing surveys' data.

Furthermore, tinplate spot price reflected the substantial decline in raw material prices...

Raw Material Price Dynamics (index Jan 2010 = 100)

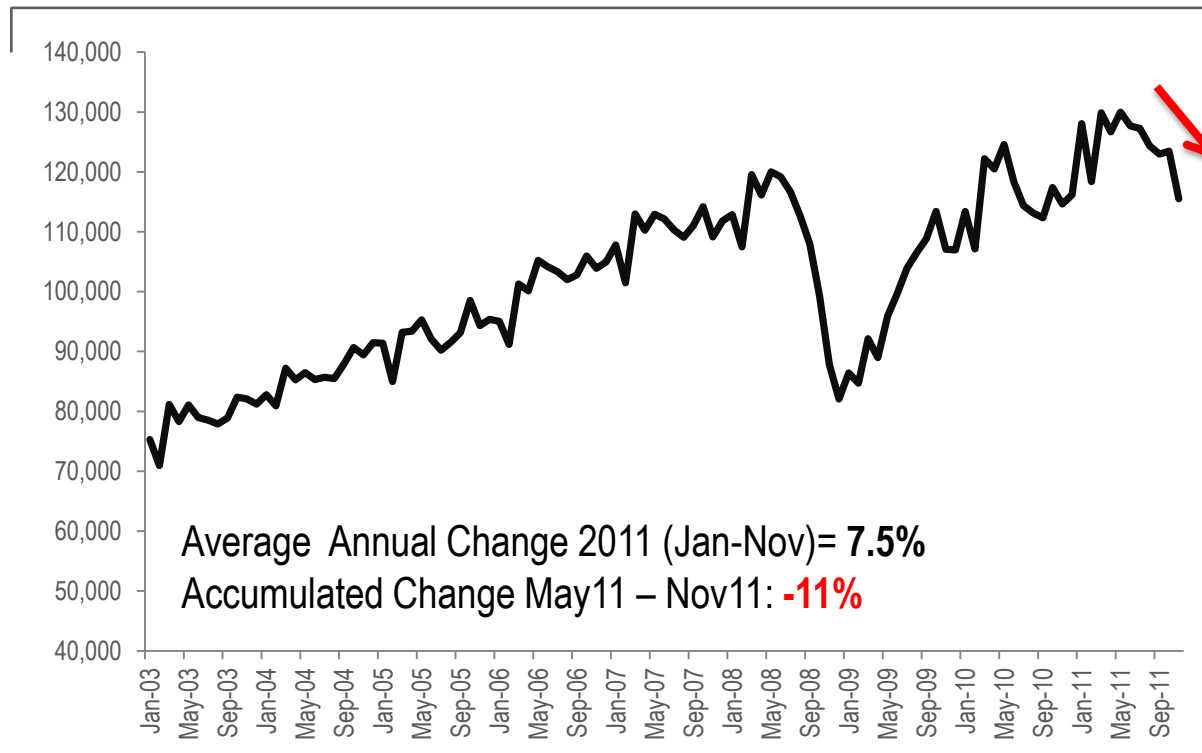


Source: HARBOR intelligence with IMF and LME data.

Steel scrap price refers to #1 heavy melt, Chicago. Iron ore price refers to iron ore fines cfr main China port 63.5% fe. Tin price refers to the 3-month forward price for tin of 99.85% purity (minimum).

...given the cutbacks implemented by steel mills, in order to match supply with the weak demand present during the second half of this year.

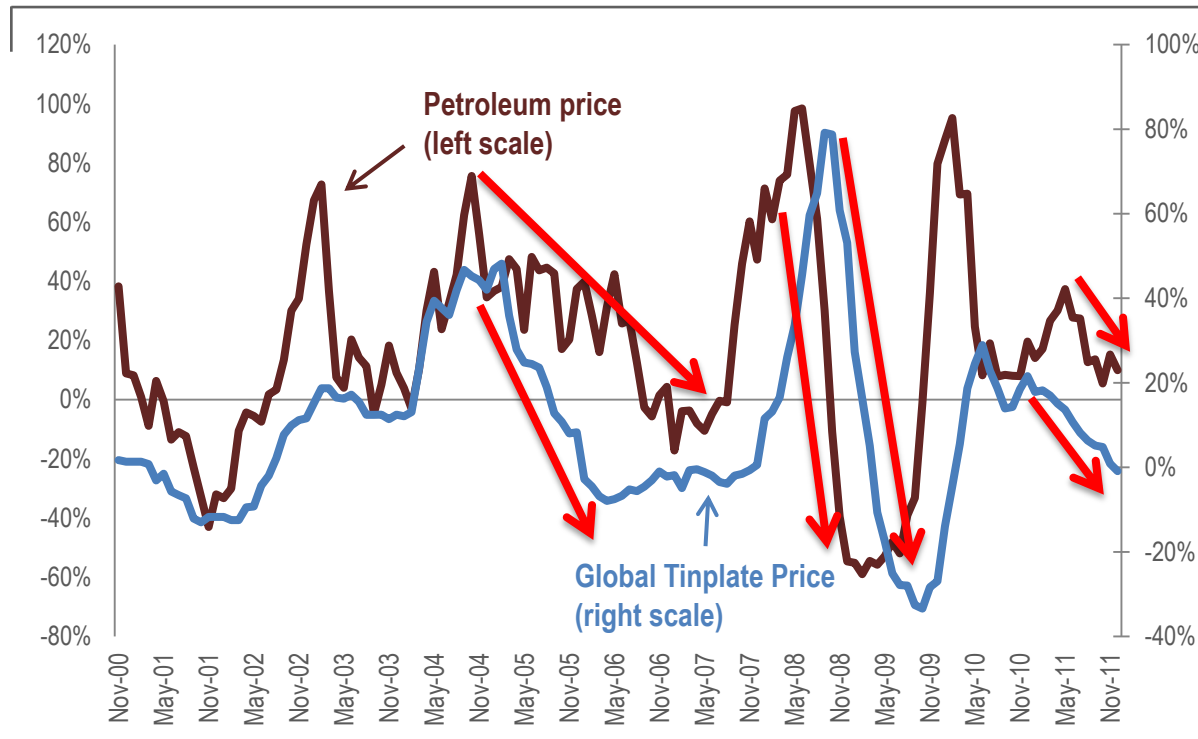
World Total Steel Production (thousand metric tons)



Source: HARBOR intelligence with WSA data.

Also the deceleration in the annual change rate of oil price has translated into a slump in the annual change rate of EU tinplate price...

Annual change: Petroleum price WTI vs. Global Tinplate Spot Price Index* (monthly data)

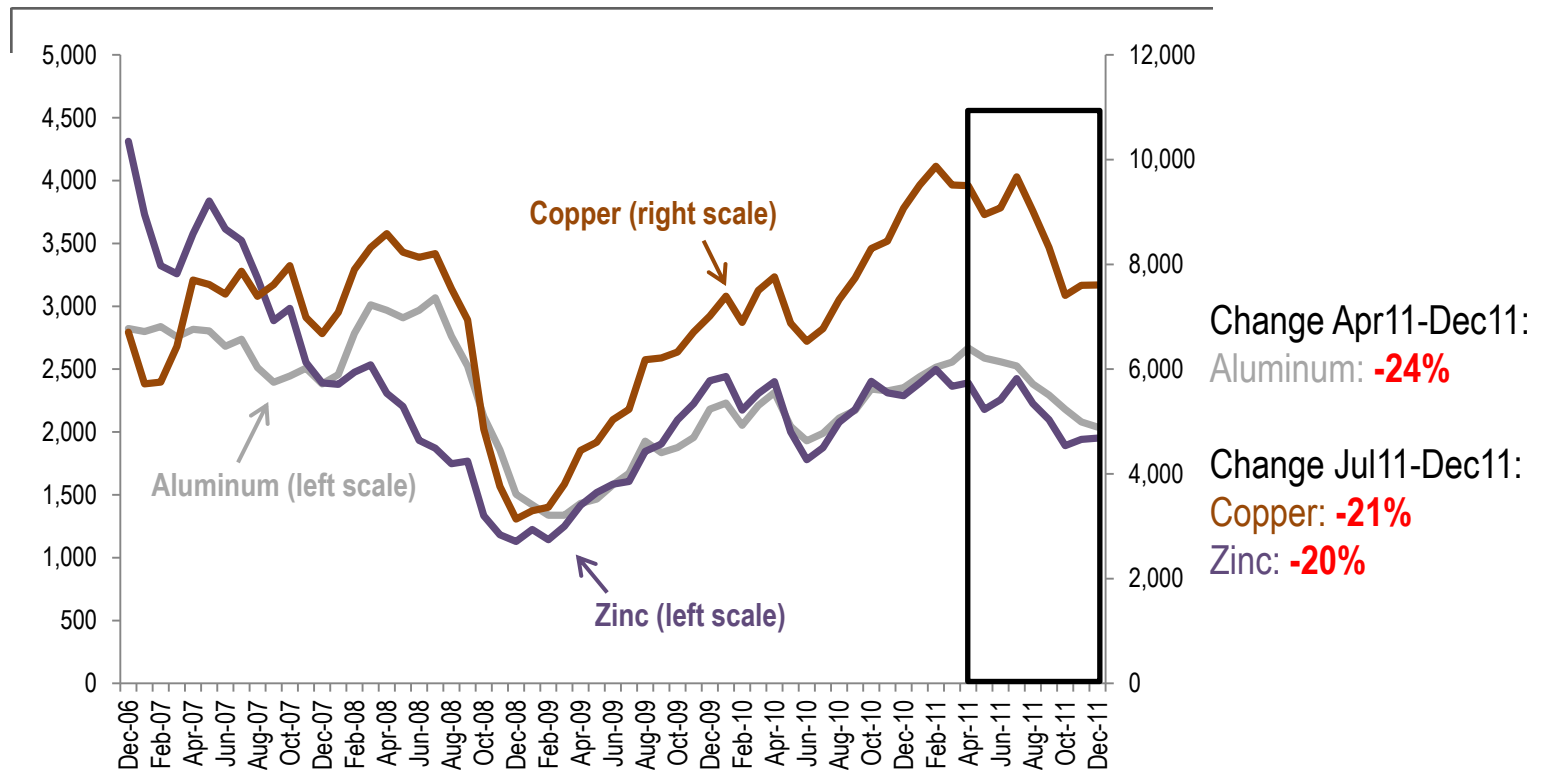


Source: HARBOR intelligence with NYMEX data.

* Includes the spot price of weighted export prices for Argentina, Brazil, Colombia, Mexico, Venezuela, Chile, Japan, South Korea, Kazakhstan, Russia, and Ukraine. Spot market average transaction price in dollars per metric ton for 0.21 mm sheet.

...which has also translated into monthly decreases, as it had already taken place in other commodities during the past months.

Commodity Price Evolution
(index, Dec 2003 = 100)



Source: HARBOR intelligence with NYMEX data.

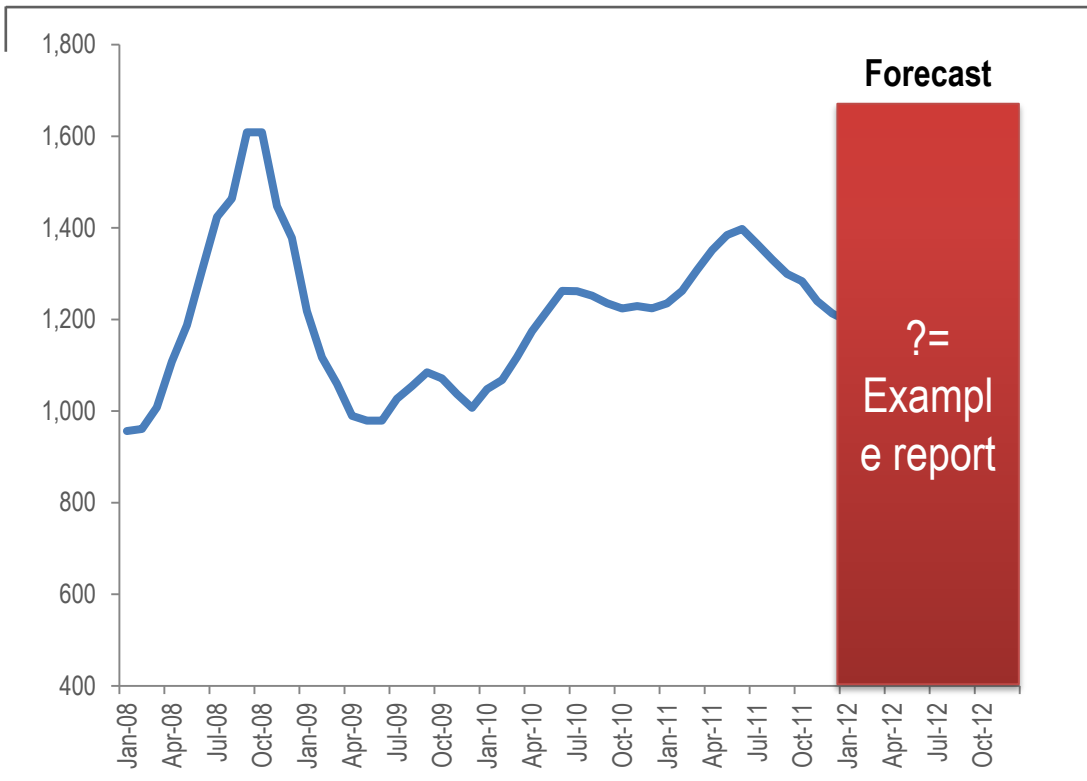


a) Price forecast: spot tinplate price



Global Average Tinplate Spot Export Price for 2012.

Base Scenario: Global Average Tinplate Export Price*
(dollars per metric ton)



Price Forecast Scenarios (average annual percentage change)			
	Base Scenario	Favorable Scenario	Unfavorable Scenario
2011	??%	??%	??%
2012F	??%	??%	??%

Source: HARBOR intelligence.

* Includes the spot price of weighted export prices for Argentina, Brazil, Colombia, Mexico, Venezuela, Chile, Japan, South Korea, Kazakhstan, Russia, and Ukraine. Spot market average transaction price in dollars per metric ton for 0.21 mm sheet.



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b) Key drivers behind tinplate price forecast.

In sum: Key drivers behind tinplate spot price in 2012.

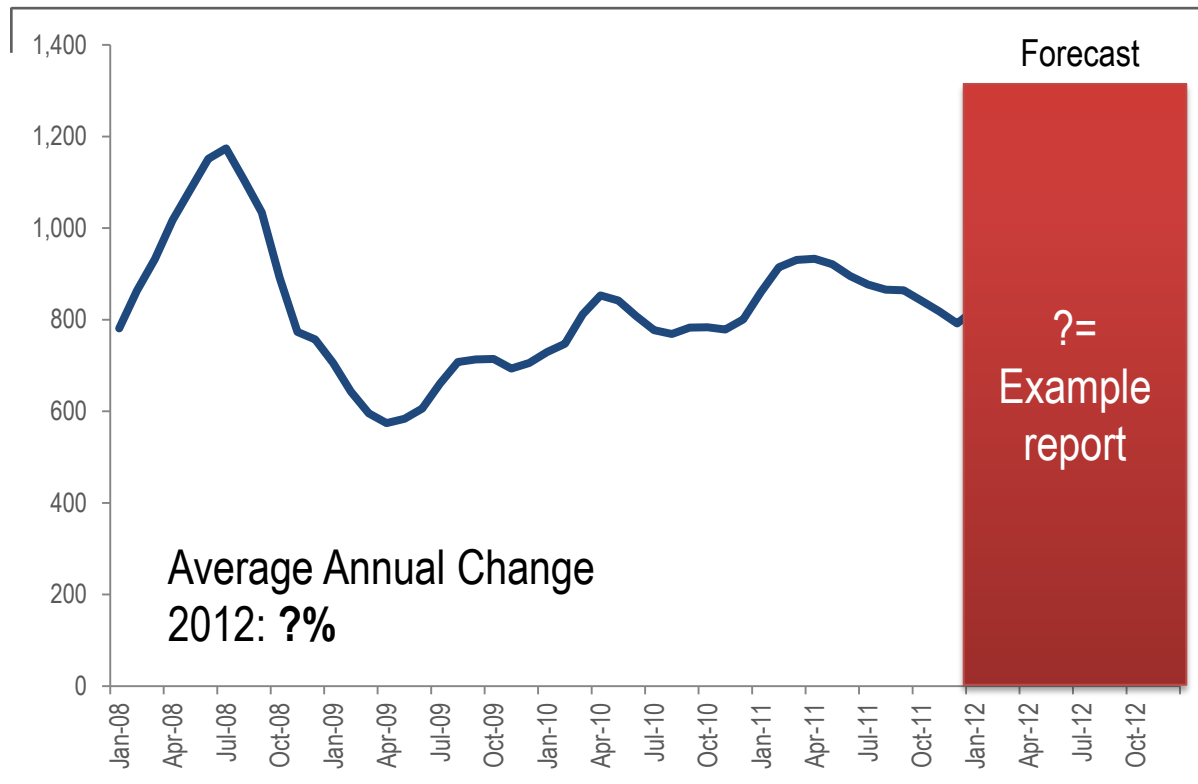
Drivers behind the 2012 tinplate price outlook include:

- ✓ We expect global cold-rolled price to grow at a lower rate in 2012 (?%) compared to the 2011 growth rate (?%). This will be one of the main drivers behind the forecasted increase in global tinplate spot price during next year, which we foresee will be in a range of -?% to ?%.
- ✓ An average annual decrease is expected for raw material prices are expected for 2012 (-?%in iron ore, and -?%in coking coal), which will limit the increase in tinplate spot price during next year. However, key steel raw material prices will remain in high levels, which will continue to pressure mill's margins, adding upward pressure in tinplate price.
- ✓ The global GDP is expected to increase 3.8% in 2012, a lower growth than the one expected for 2011 (4%). The continuous increase in world's GDP will sustain the tinplate spot price growth for 2012; however, the lower rate of change in world's GDP is one of the drivers behind a more limited growth in global tinplate spot price for 2012.

? = Example Report.

We expect cold-rolled steel prices to register a modest growth during 2012, which is reflected in our moderated view for tinplate price growth during next year.

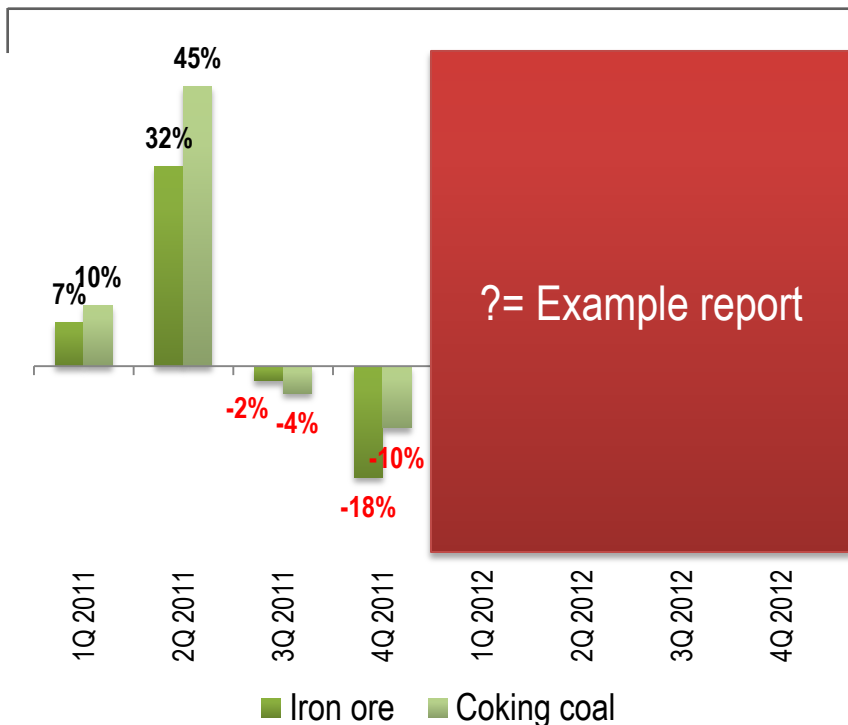
Global Cold Rolled Price
(dollars per metric ton)



Source: HARBOR intelligence.

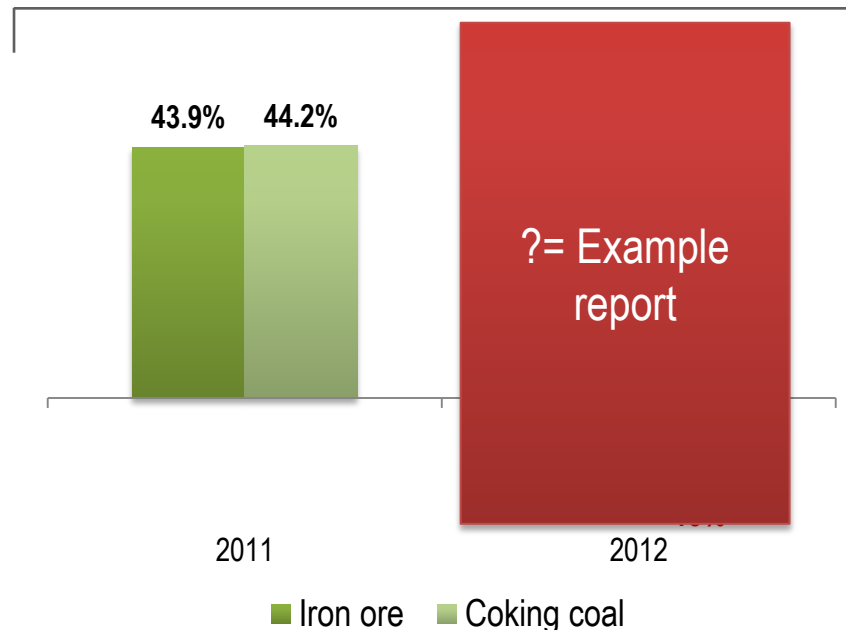
Raw material prices are expected to register an average price decrease in 2012. This will limit tinplate spot price growth during next year.

Global iron ore and coking coal average price
(growth rate compared to previous quarter)



Source: HARBOR intelligence.

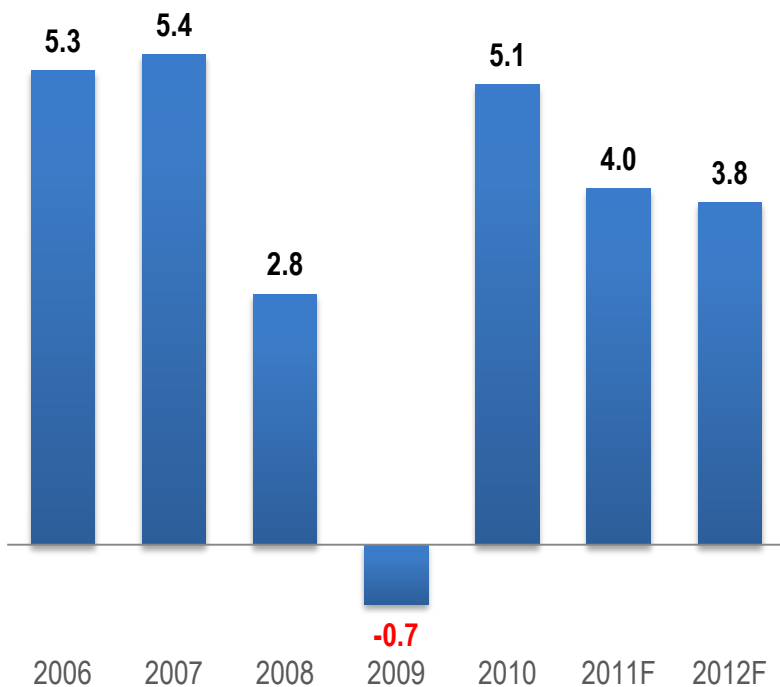
Global iron ore and coking coal average price
(average annual percentage change)



Source: HARBOR intelligence.

Global tinplate spot price growth rate will be limited by a more moderated increase in the global economic environment.

Global Real GDP Growth (real annual % growth)



Source: HARBOR intelligence with IMF data.

Global Real GDP Growth (real annual % growth)

	China	Advanced Economies	Emerging Economies	World
2006	12.7	3.1	8.2	5.3
2007	14.2	2.8	8.9	5.4
2008	9.6	0.1	6.0	2.8
2009	9.2	-3.7	2.8	-0.7
2010F	10.3	3.1	7.3	5.1
2011F	9.5	1.6	6.4	4.0
2012F	8.9	1.7	5.9	3.8

Source: HARBOR intelligence with IMF data.

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