# DEFLAZIONE E COMMODITIES

08/04/2016 Claudio Machetti



### Global scenario evolution



DEMAND

OECD: decoupling of GDP and electricity demand

Non-OECD: increasing pro-capita consumption as main driver

COMMODITIES

Significant overcapacity in oil and coal supply

Gas price less correlated to oil in Europe

FX

Increasing pressure on emerging markets

WHAT HAS CHANGED

Lower global demand growth

Commodities prices in line with consensus

Lower power prices

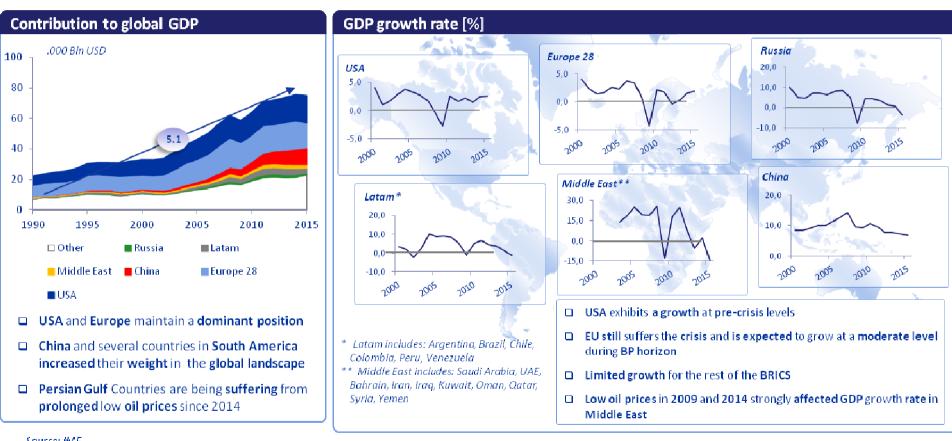
Weaker currency exchange rates

**2015 THE YEAR OF VOLATILITY** 

### Crisis still persists in some regions

Recovery is not homogenous around the world





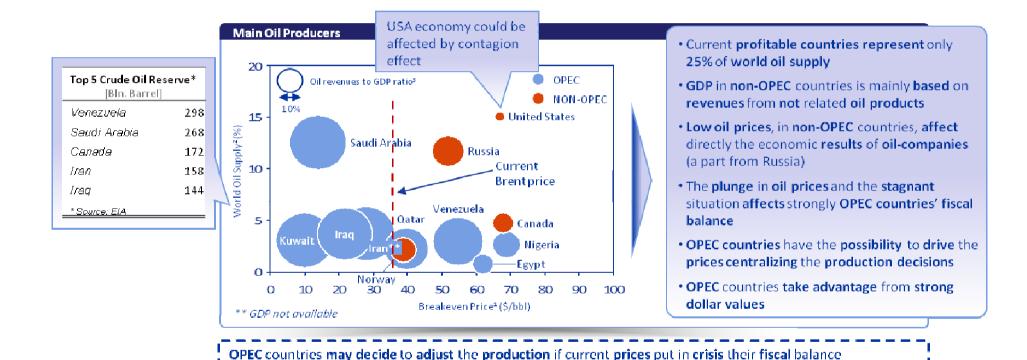
Source: IMF

### Current oil prices make unprofitable investments

coordination at Government level is in place

in most of the main producer Countries



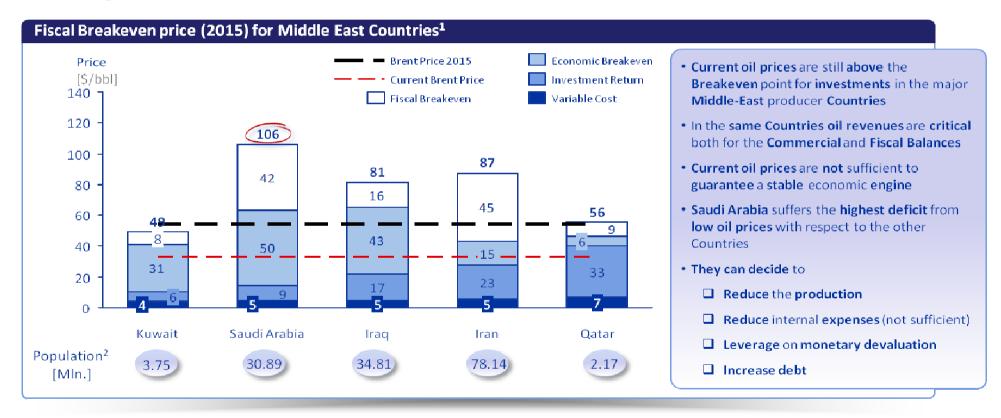


The same is not completely true for those countries where the production is decentralized, despite a strong

- The economist.com
- Internal elaboration from EIA
- 3. Internal elaboration from EIA, IMF

# OPEC countries' fiscal balance is put to test by prolonged low oil prices



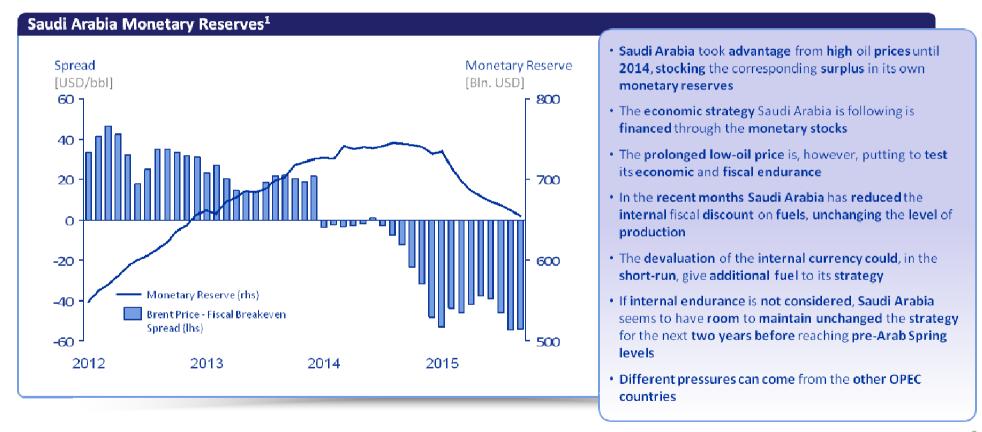


<sup>1.</sup> Internal analysis on data from IMF and The economist.com

<sup>2.</sup> World Bank, 2014

# Saudi Arabia is financing its strategy withdrawing from its own monetary reserves

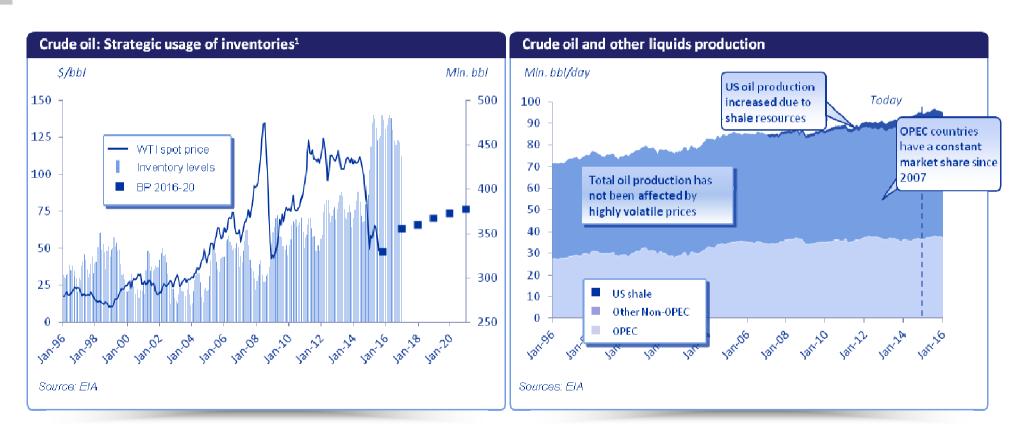




1. Internal analysis on IMF data

## Oil production did not change despite the low oil prices



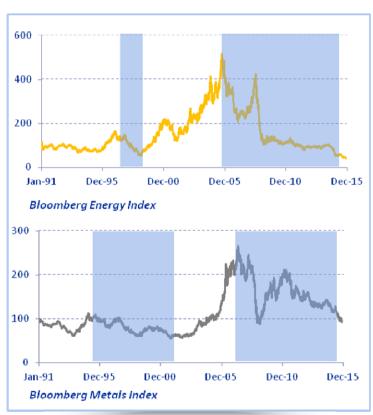


### Cyclical behaviour of commodity prices

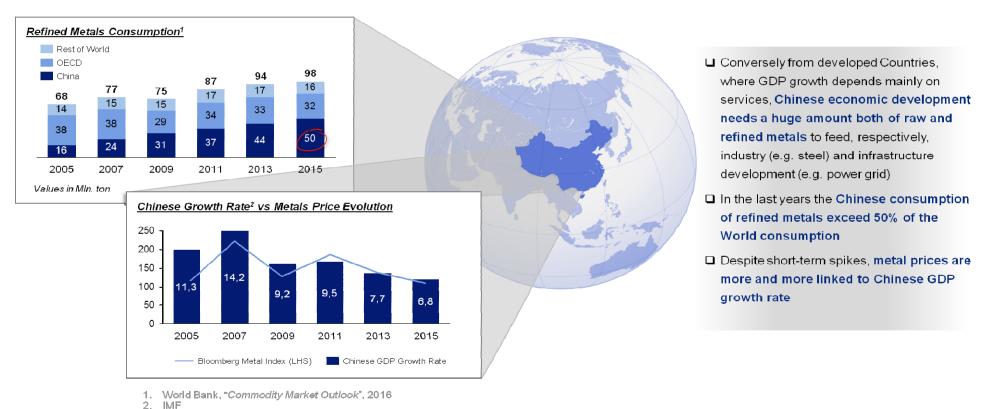


Commodities appear to have the same duration of the expansion period with different lags among them





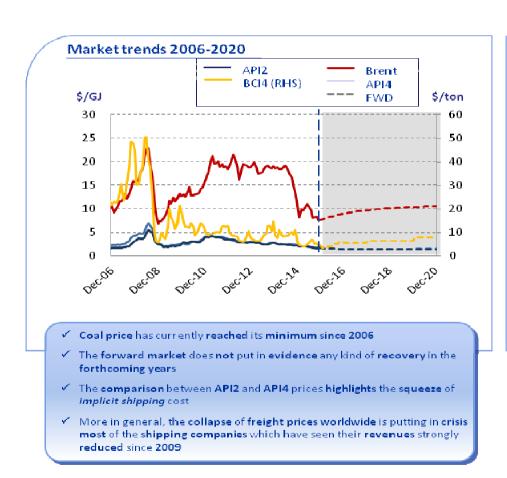
# Chinese economic engine is driving metal prices evolution

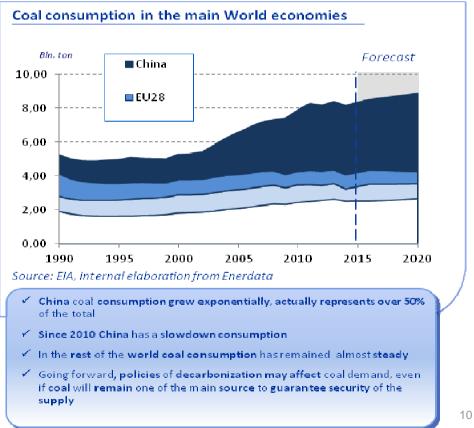


### Coal: market trends and forecasts

The coal market is undervalued and we expect prices to recover



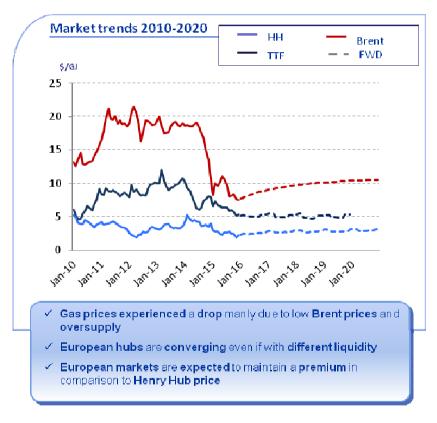


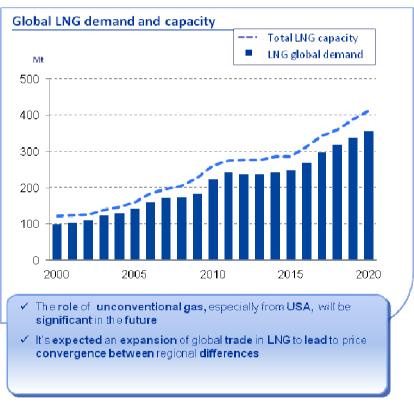


### Gas: market trends and forecasts

Natural gas is becoming a global market







# Global trends in clean energy investments 2004-2015



#### Clean Energy Investments vs. Oil Price (bn\$)



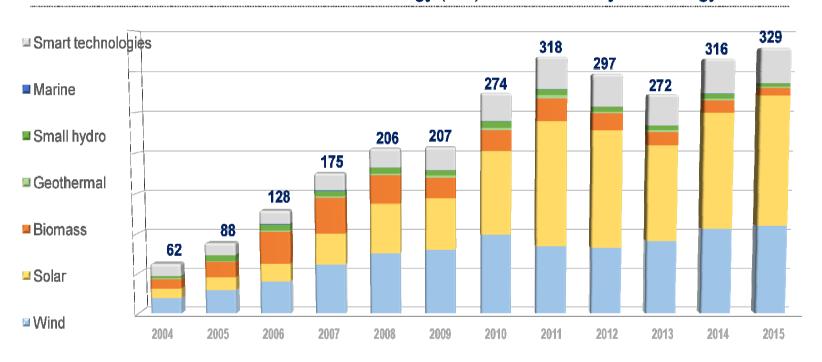
NO relationship between oil price and clean energy investments

# Global trends in clean energy investments



2004-2015

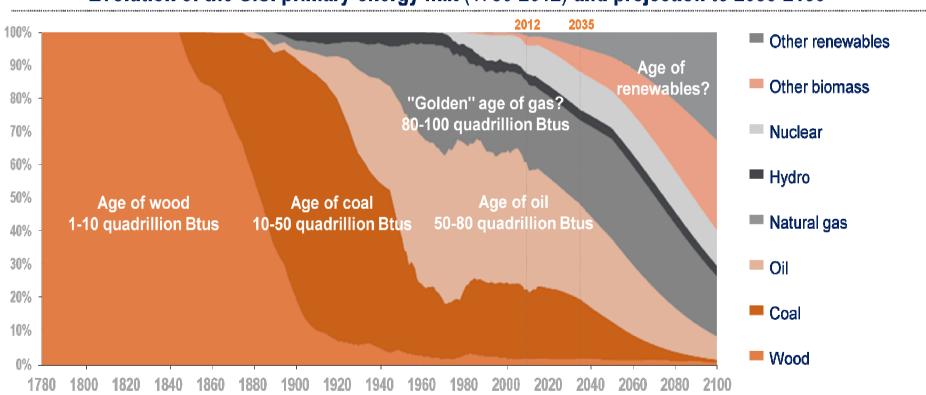
#### Global Annual investments in clean energy (bn\$) – Breakdown by Technology



# Technology evolution in energy

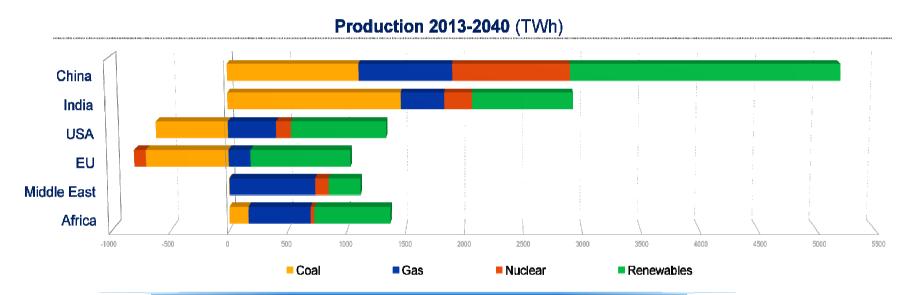


#### Evolution of the U.S. primary energy mix (1780-2012) and projection to 2035-2100



# Changes in power production by 2040<sup>1</sup>





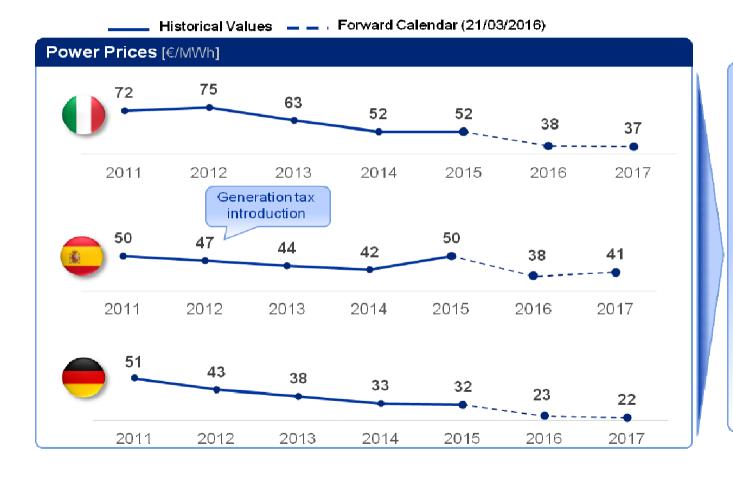
Emerging Markets will account for 65% of production growth Renewables will represent 52% of new electricity generation

1: Source: IEA, WEO 2015 (2013 base year)

### Power prices: market trends and forward

EU powersector fundamentals remain weak





- Over the last five years, the EU power sector has been hit by macroeconomic and industry-specific factors that have led to overcapacity and low power market prices.
- Fundamentals remain weak and suggest that this market conditions could continue even for the medium term future.
- The impact of these negative trends could be offset by:
  - Leveraging on operational excellence
  - Rationalizing the investment decisions
  - Working with regulators and governments to solve the problem of unprofitable capacity

# **Italian Energy Prices**



Dark Spread Fwd











# Thank you