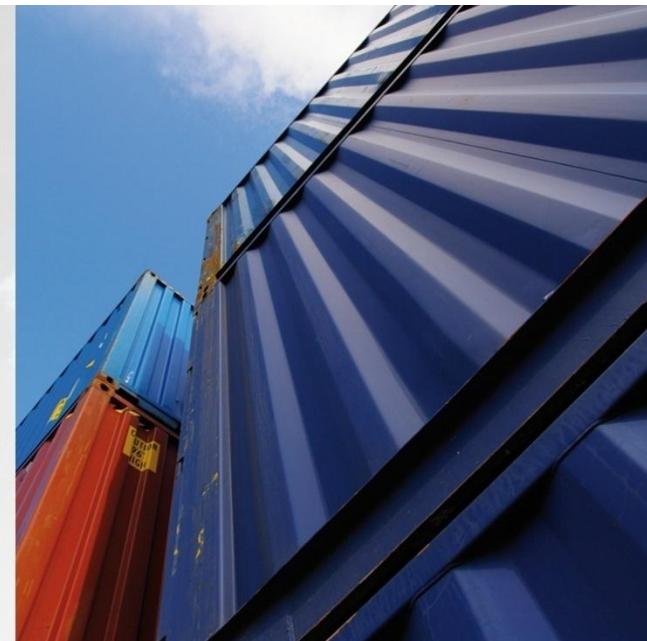


# The Source for Maritime Information and Insight





# Global Redesign: Impact on Shipping and Shipbuilding

Niklas Bengtsson  
Senior Consultant

May, 2010



# Agenda

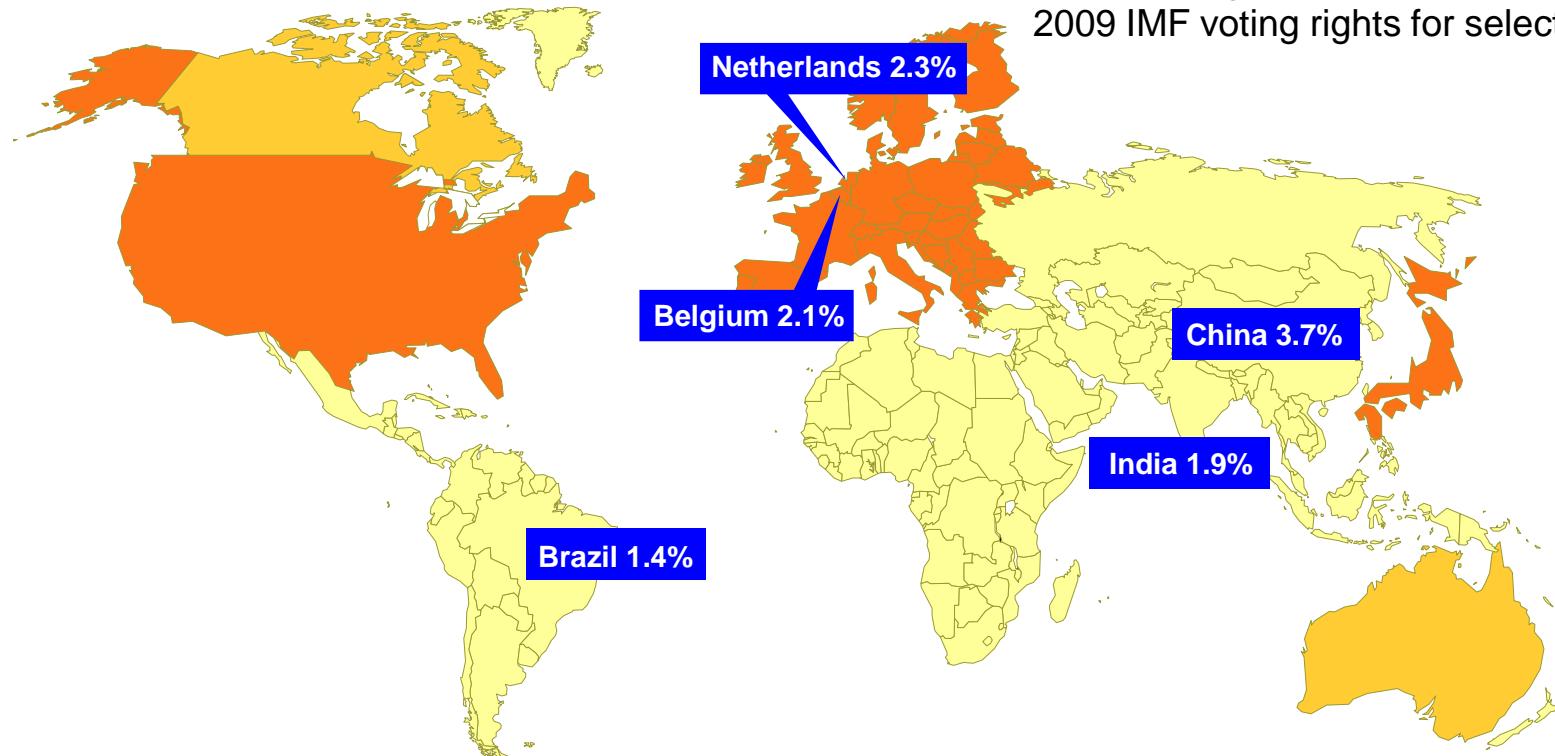


- The future – macro factors in a redesigned world
- Global redesign – impact on the fleet structure
- Global redesign
  - already in place in the shipbuilding sector?  
New orders, cancellations and production capacity
- Future orders and deliveries

# The Old Global Design



Europe, North America, and Japan dominated global markets and politics for most of the past 60 years



Is this the right balance for the future?  
2009 IMF voting rights for select countries.

Source: IHS Cambridge Energy Research Associates.  
91004-5



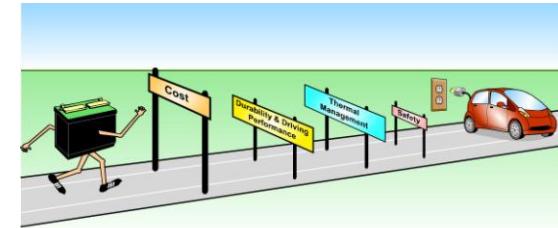
# 2030 scenarios – perspectives on the future



- **Global redesign** (=baseline forecast)
  - Rebalanced production & consumption between regions.
  - Global growth propelled by Emerging Markets.
  - Growing tension over nuclear weapons proliferation.
  - Non-fossil fuels increase market share.
  - Energy demand shift away from OECD.
  - OECD oil demand has peaked.
  - Continued resource nationalism.
  - Oil loses monopoly in transportation sector.
  - Successful GHG emissions agreement in latter part.

## Metamorphosis

- Non-fossil fuel focus
- Battery innovation



## Vortex

- Boom
- Bust
- Lost Decade



**GLOBAL  
INSIGHT**



**CERA**



**Jane's**



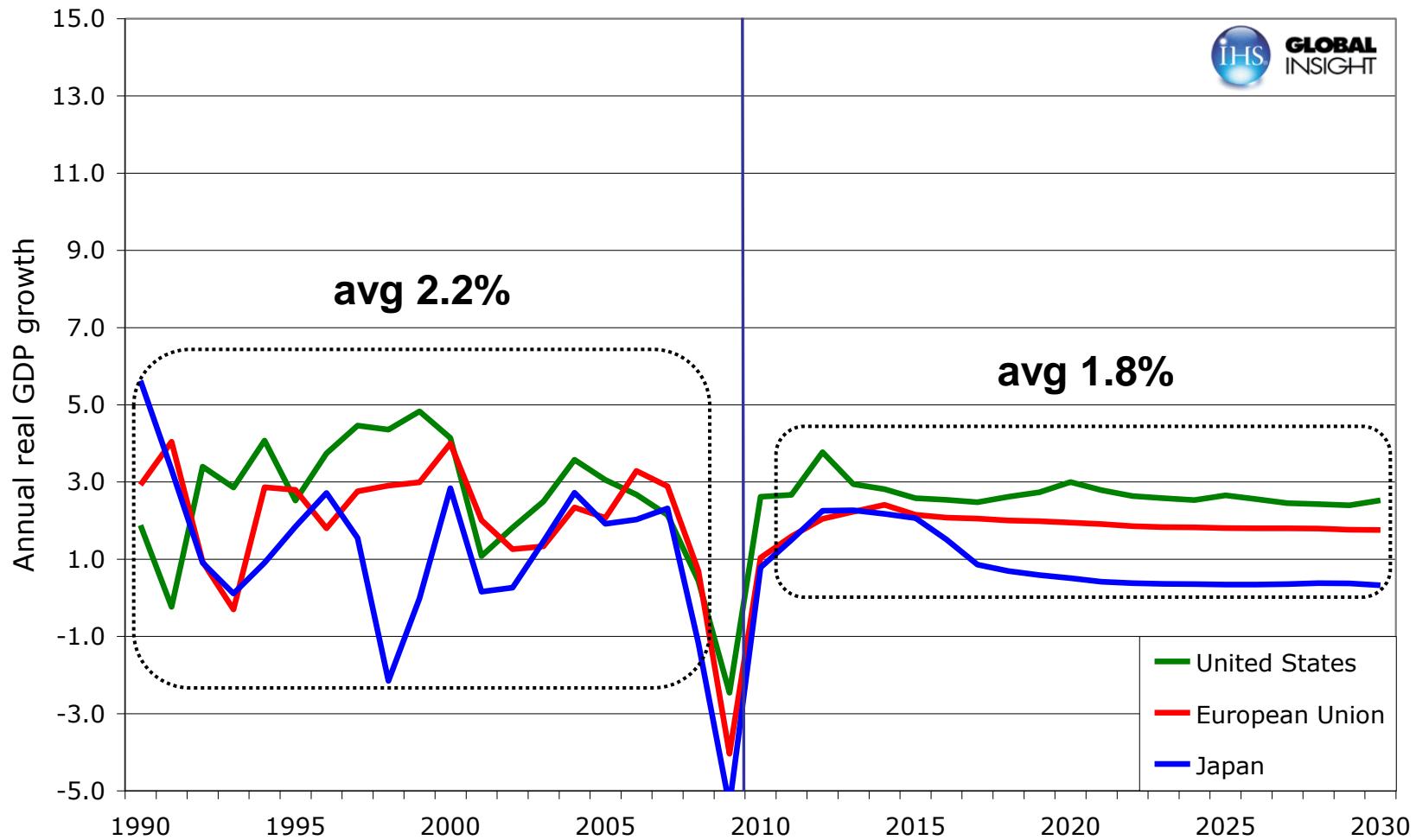
**Herold**



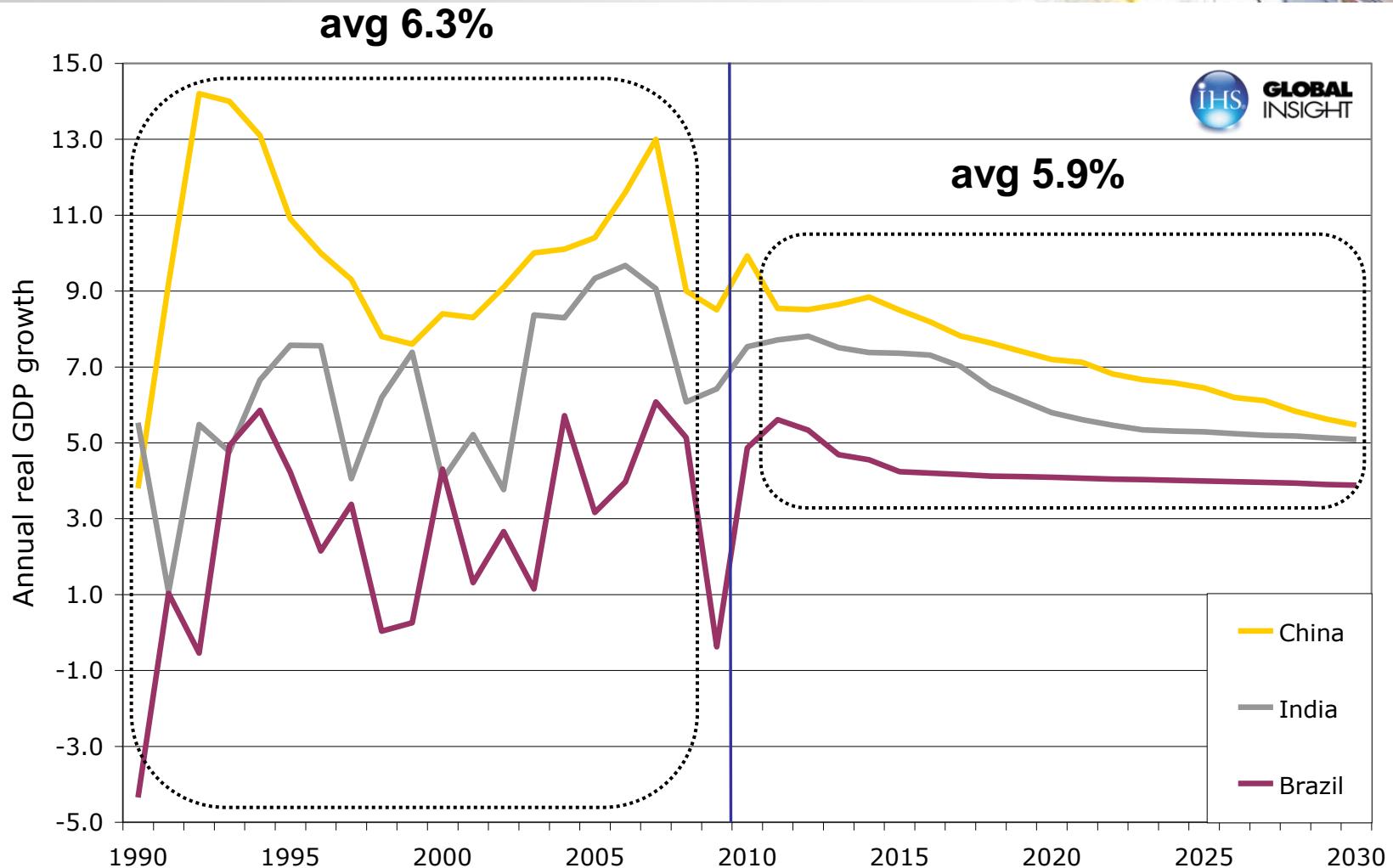
[www.ihsglobalscenarios.com](http://www.ihsglobalscenarios.com)



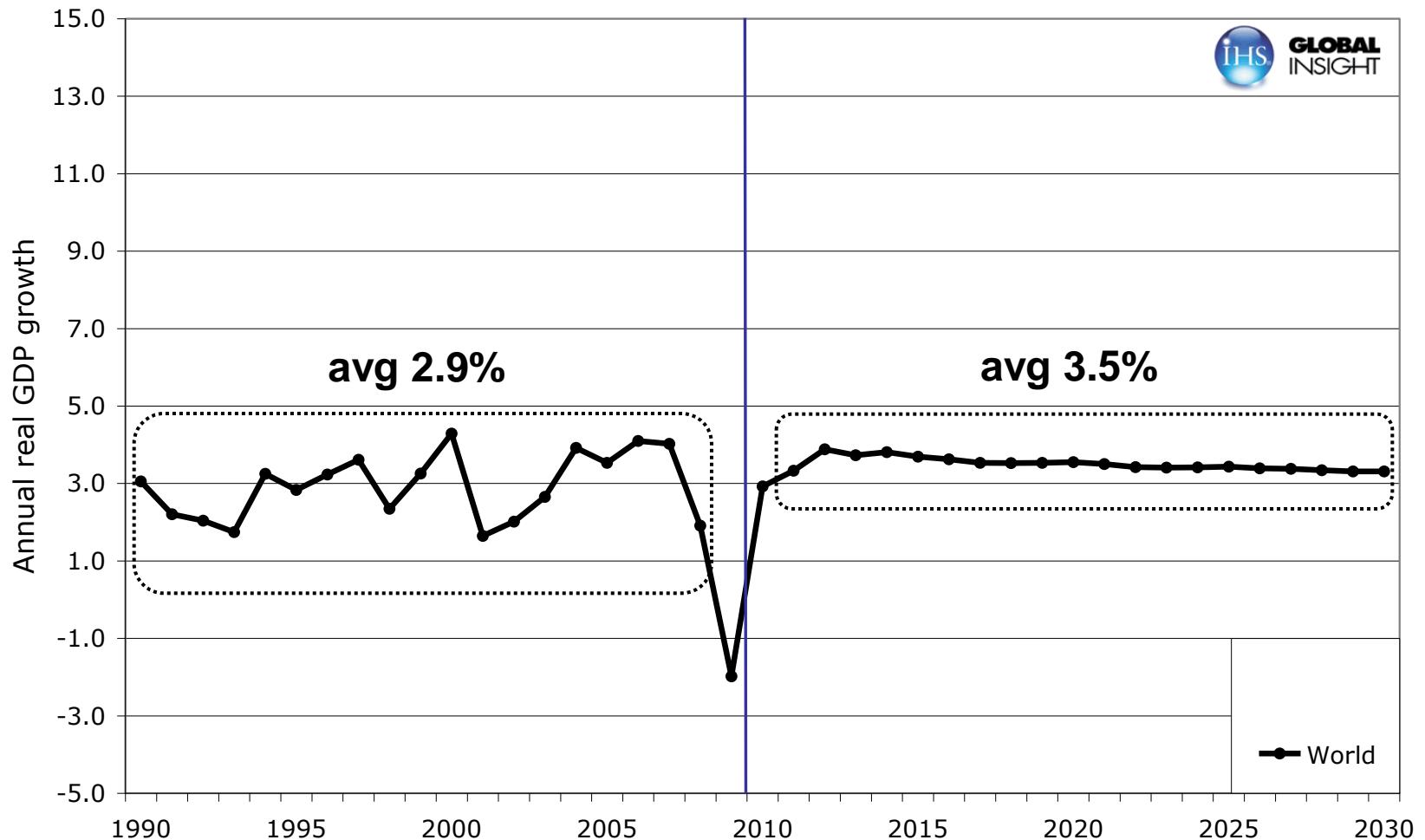
# Global Redesign: GDP growth decreases in the "old" World



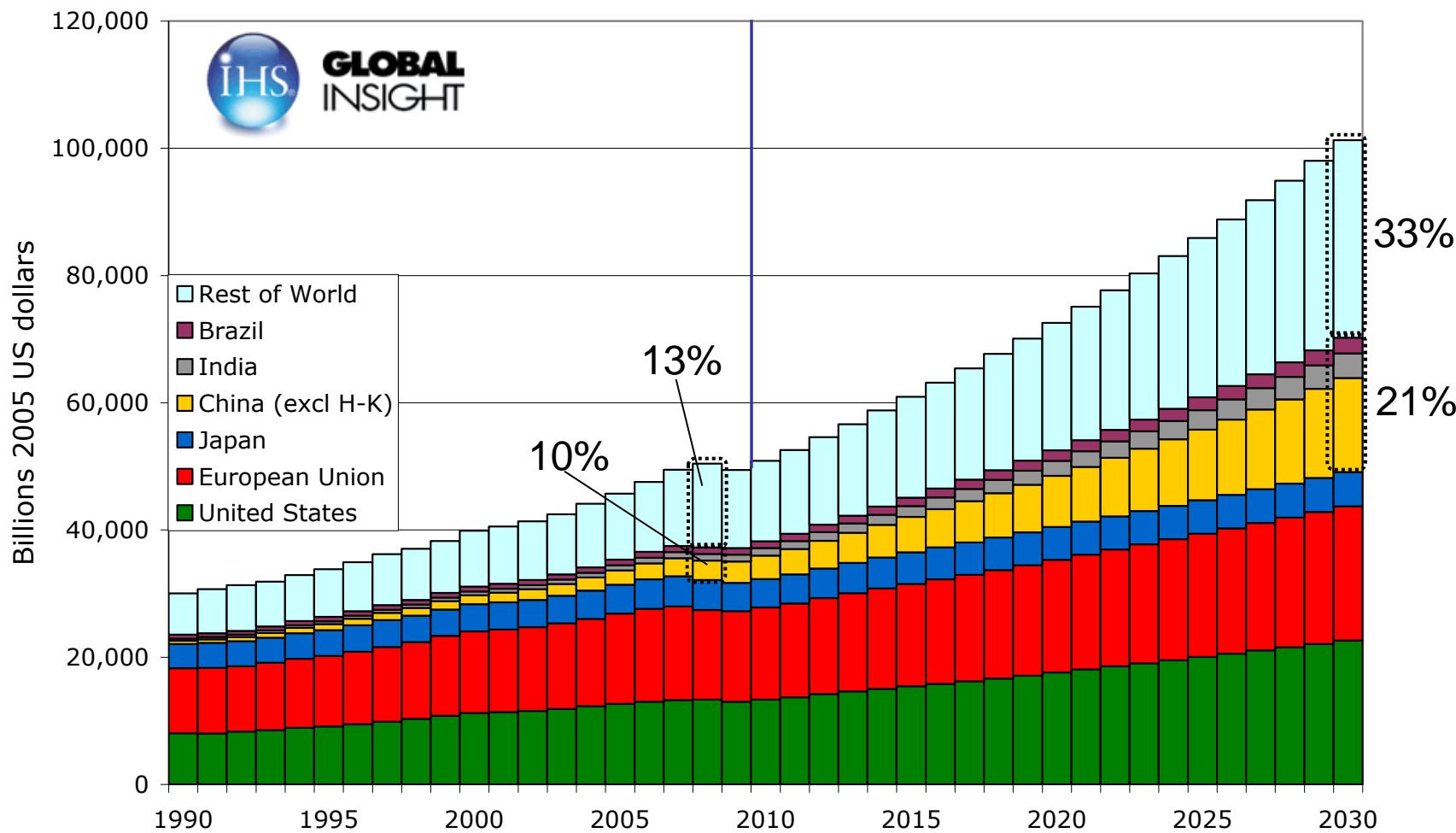
# Global Redesign: GDP growth decreases in the "new" World



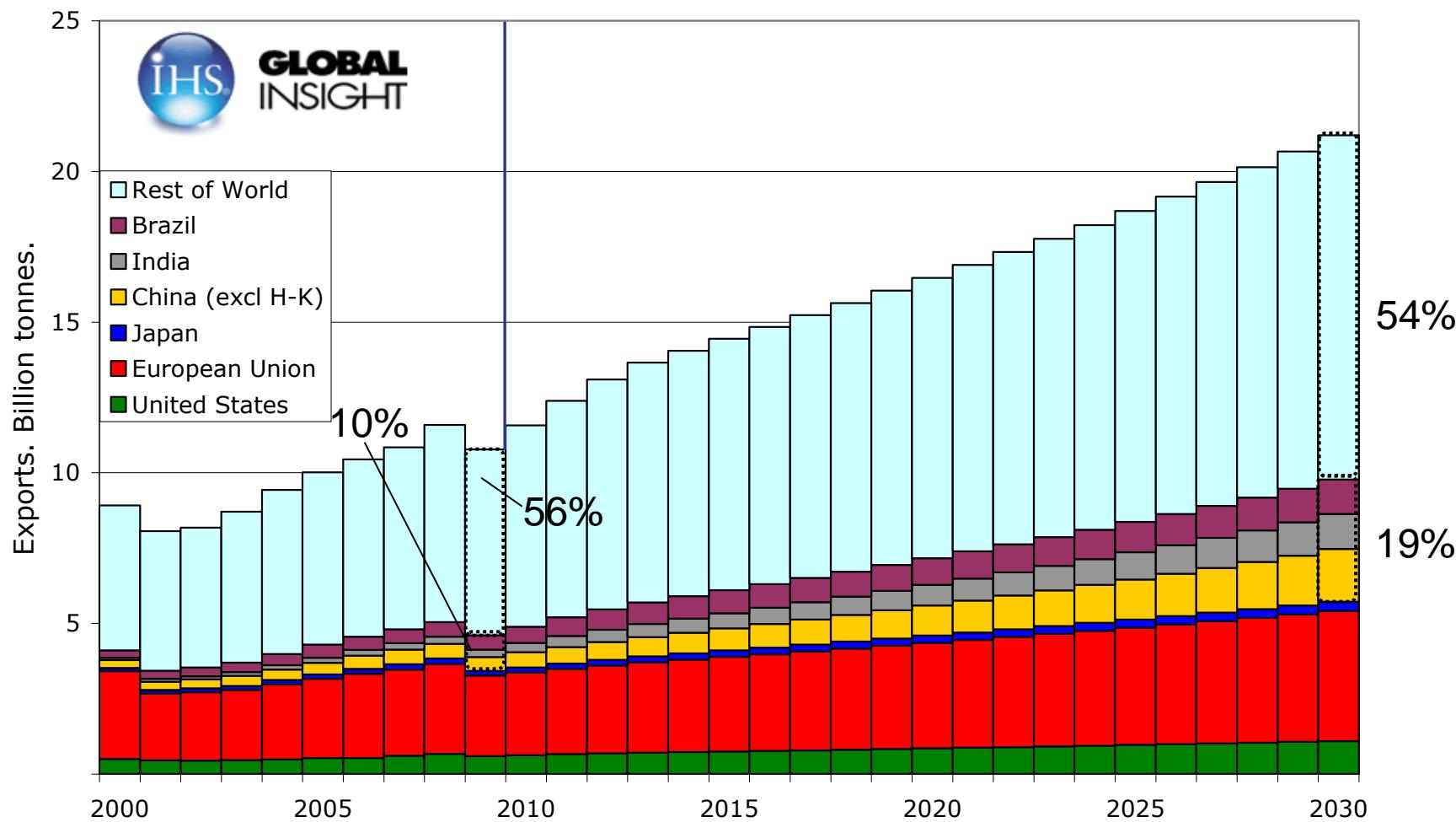
# Global Redesign: but GDP growth increases in the World



# Global Redesign: rebalance of GDP



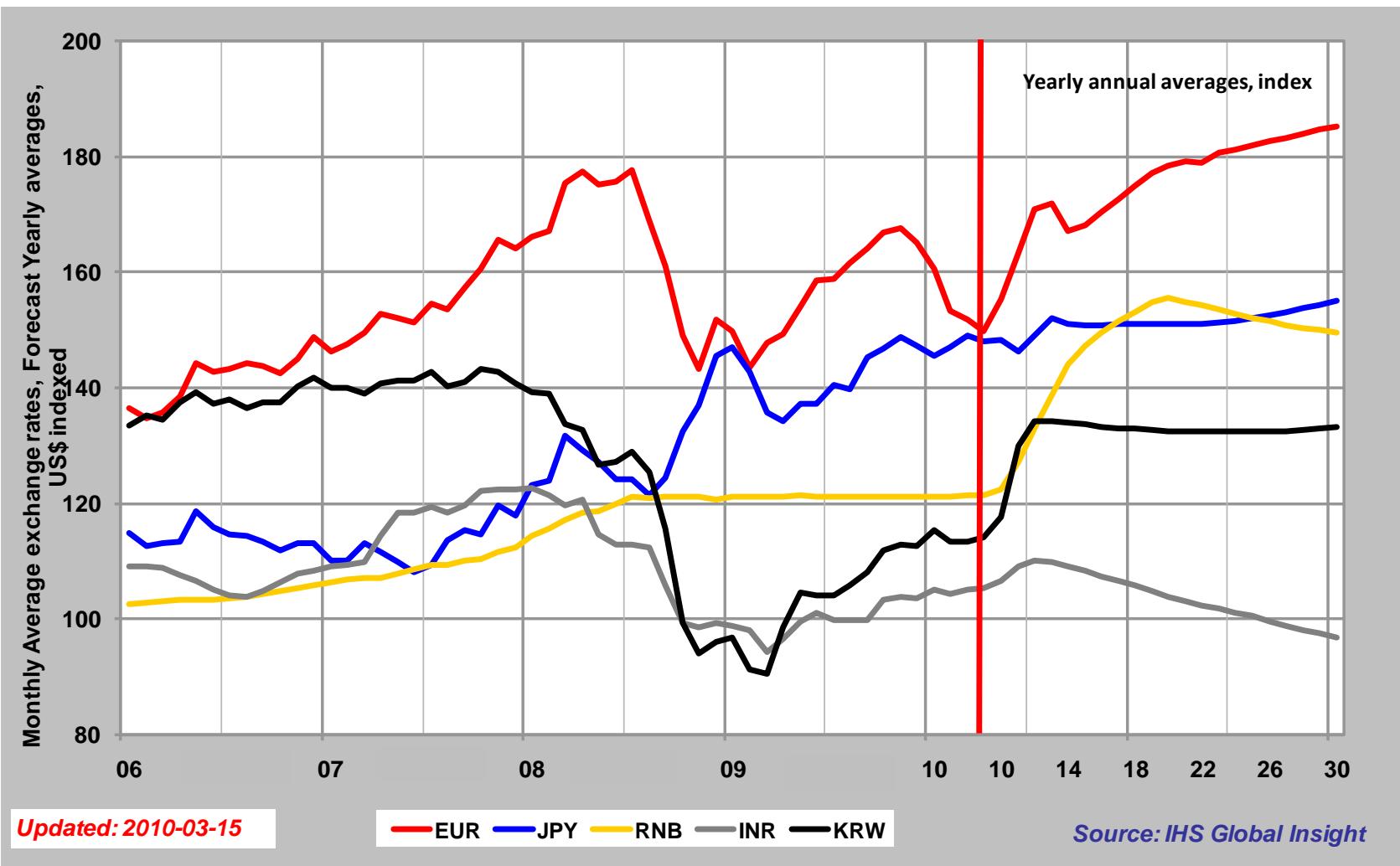
# Global Redesign: rebalance of World Exports, tonnes.



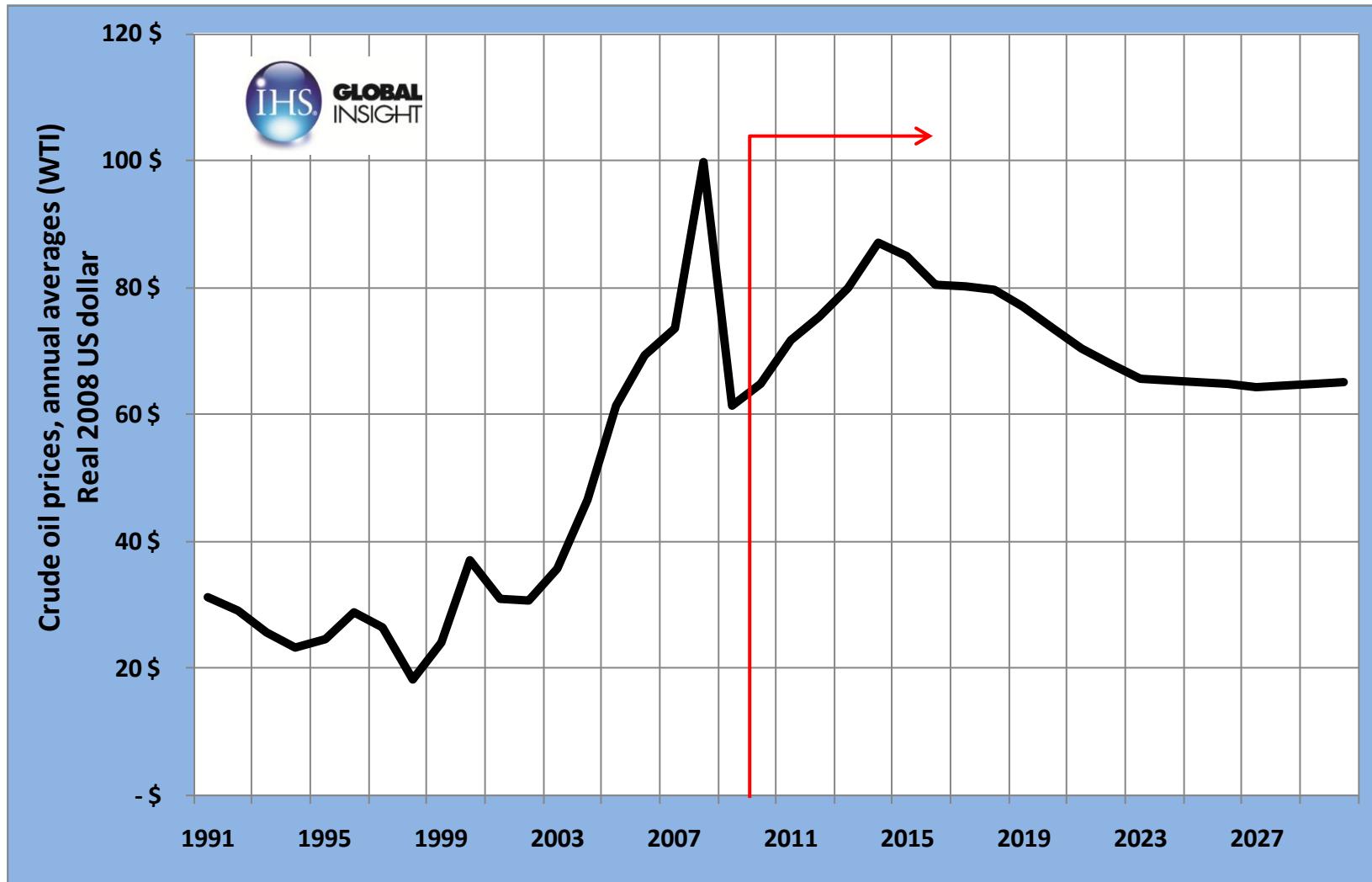
Trade decreased 7% in 2009.



# Global Redesign: Currency exchange rates

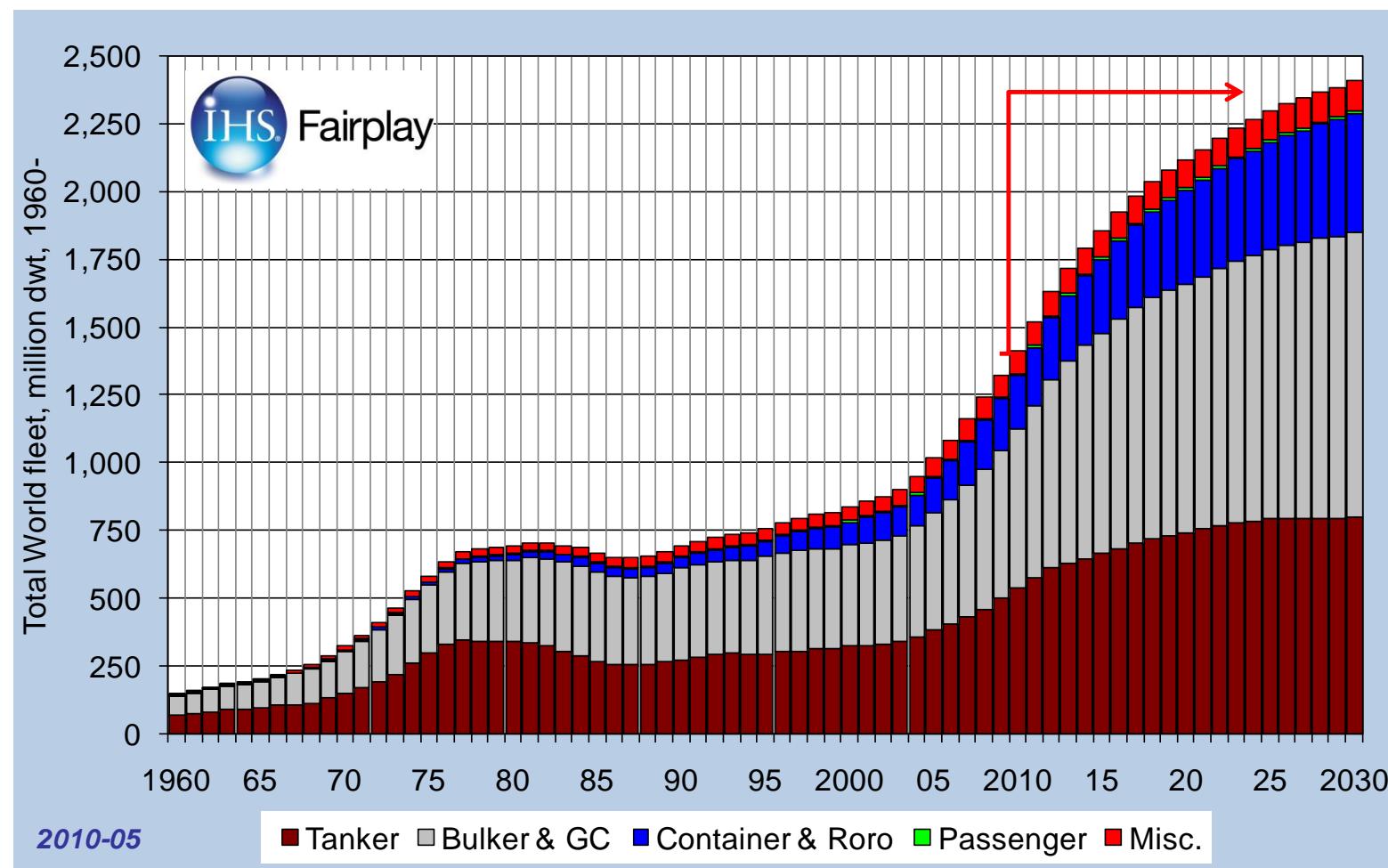


# Global Redesign: Oil prices (annual averages)



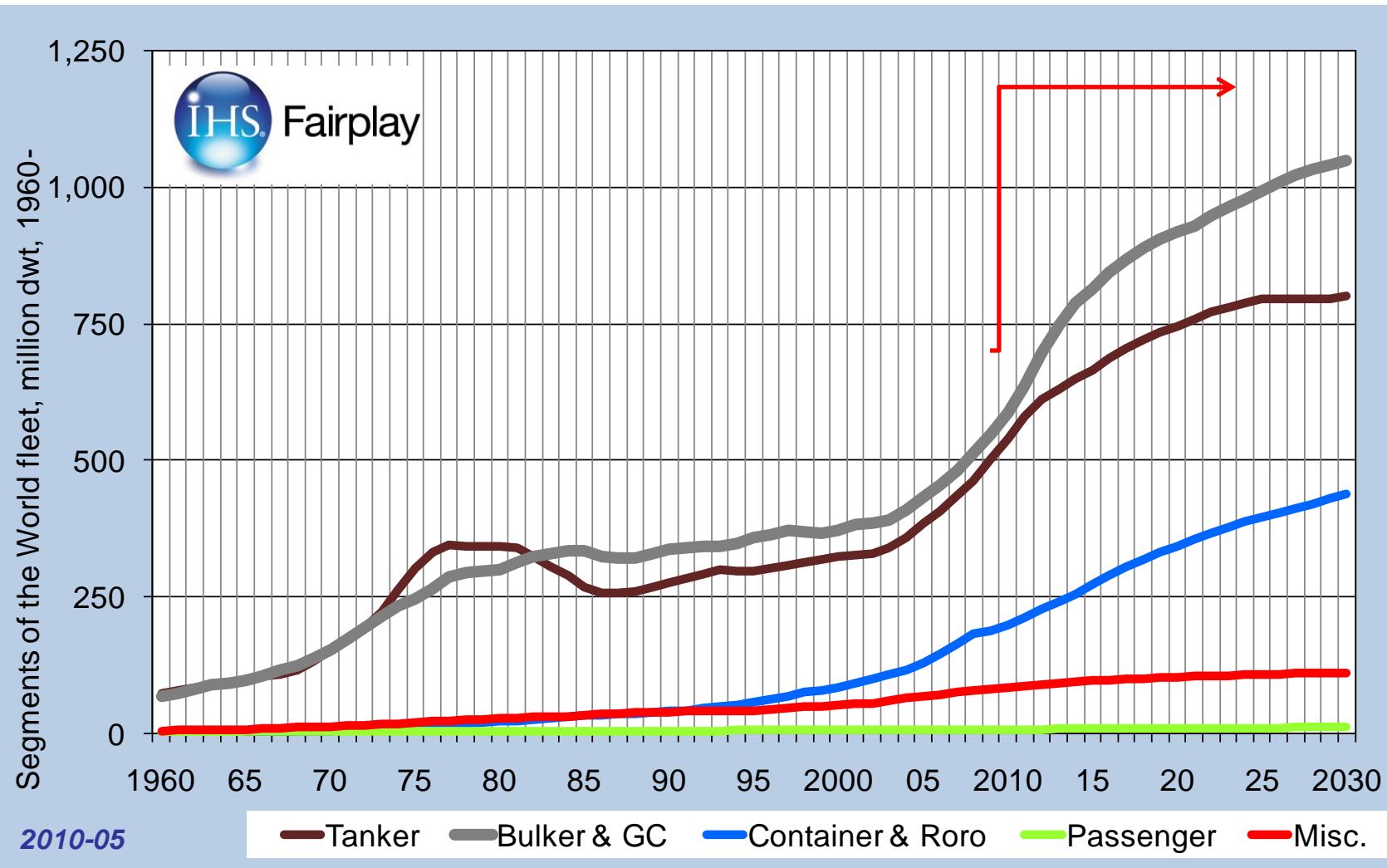
# Global Redesign

## Fleet development, dwt

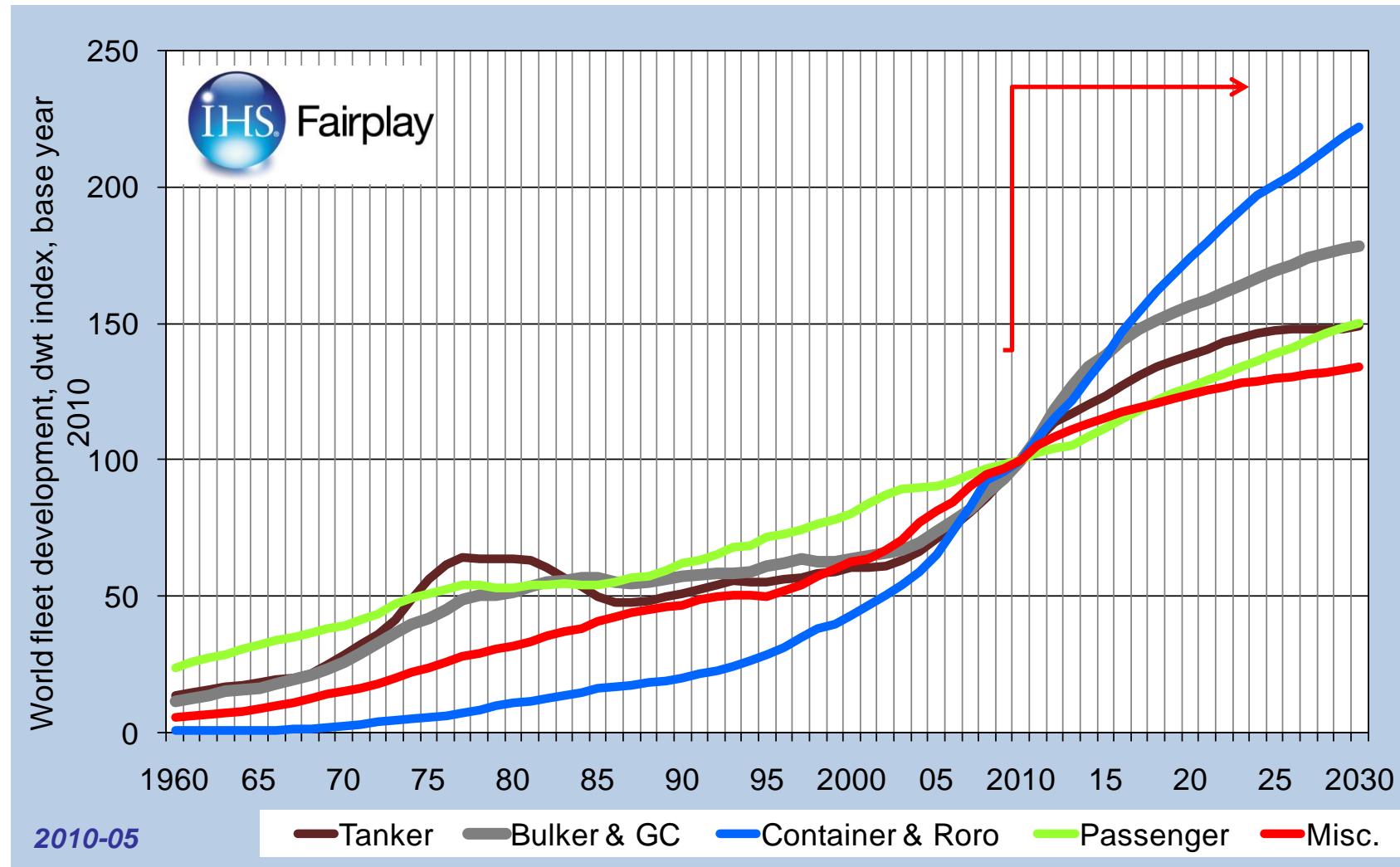


# Global Redesign

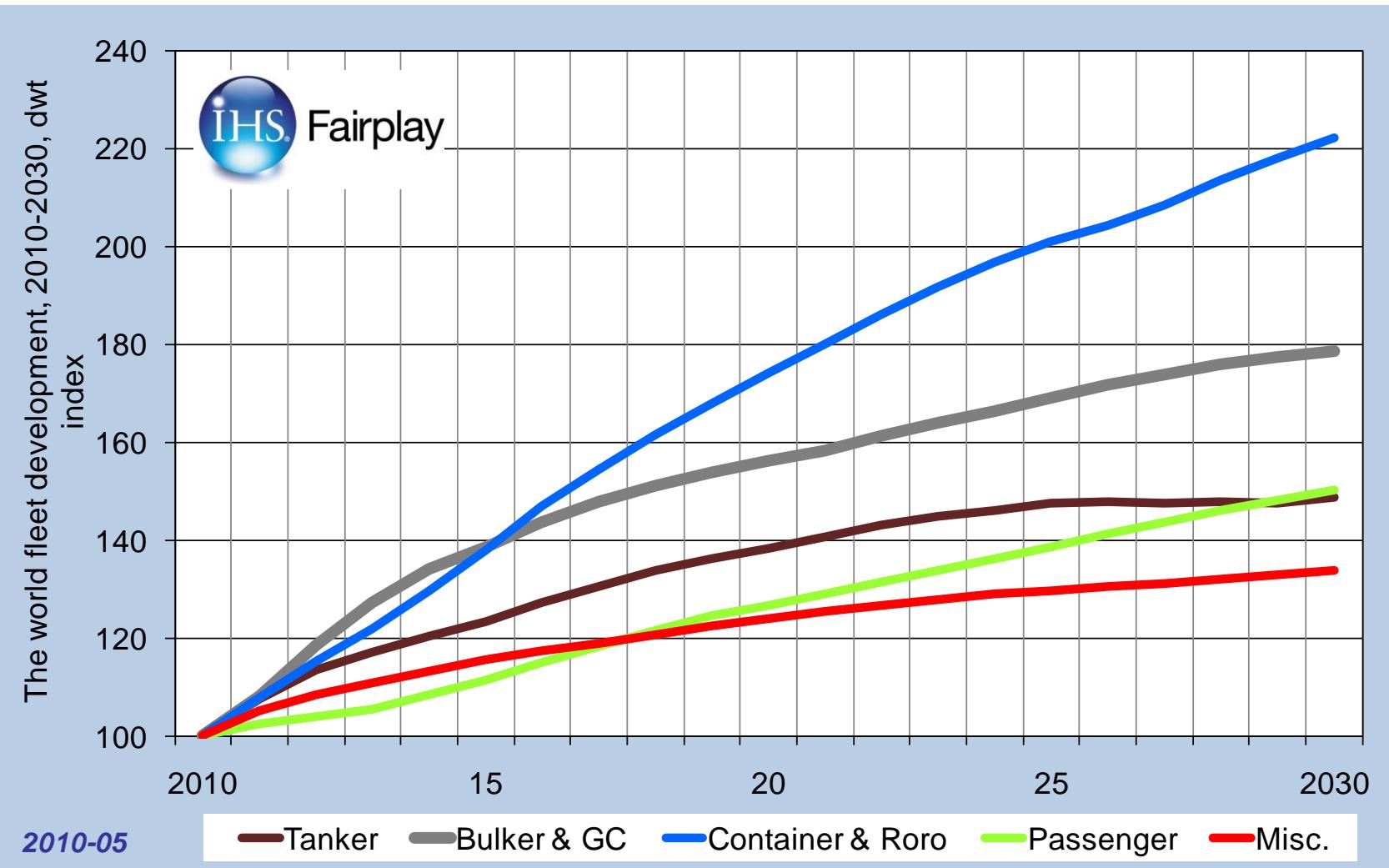
## Fleet development, per segment



# Segment development, index

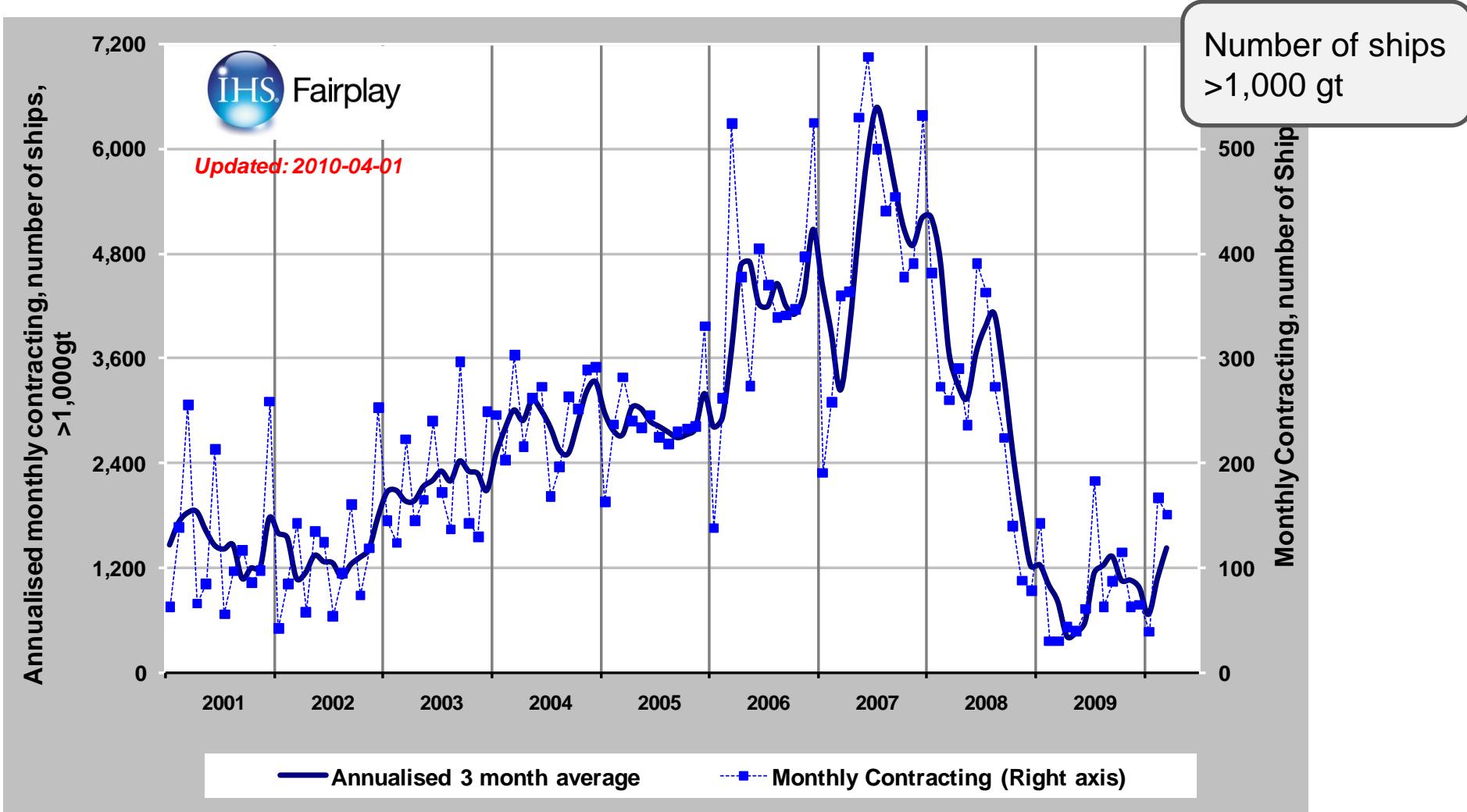


# 2010 and onwards

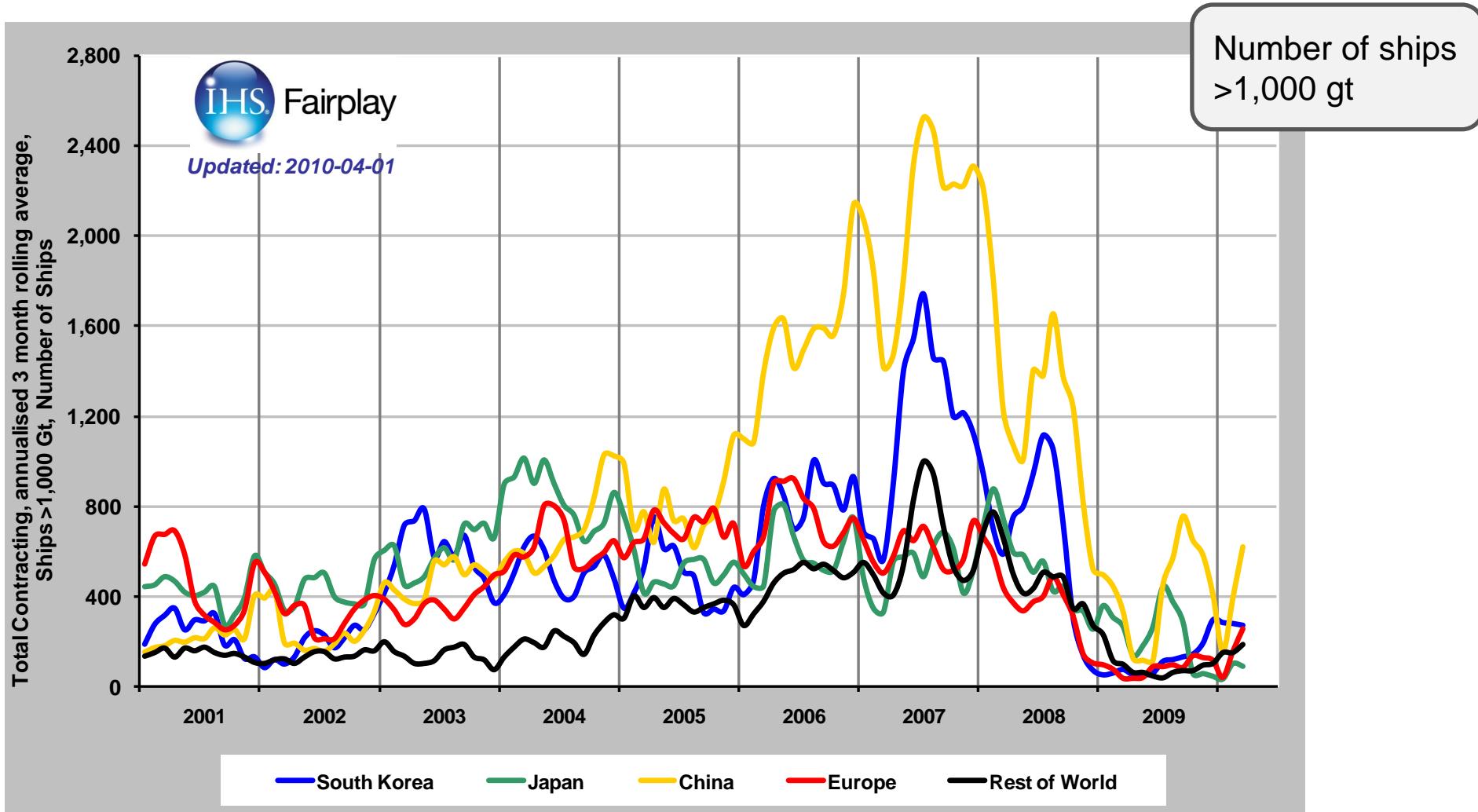


# Current status

## New Vessel Orders On the Rise



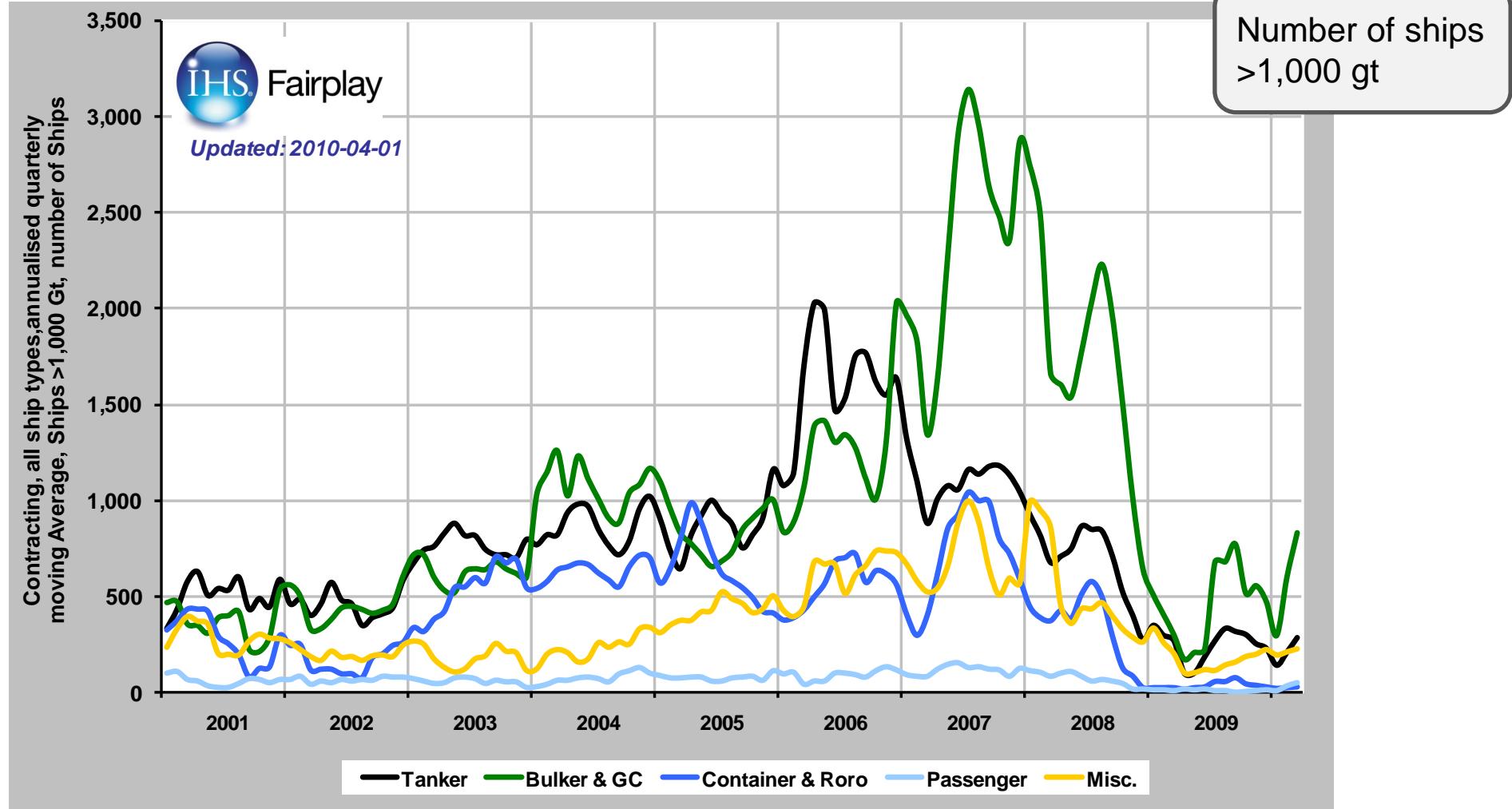
# - Yes, Most Orders in China!



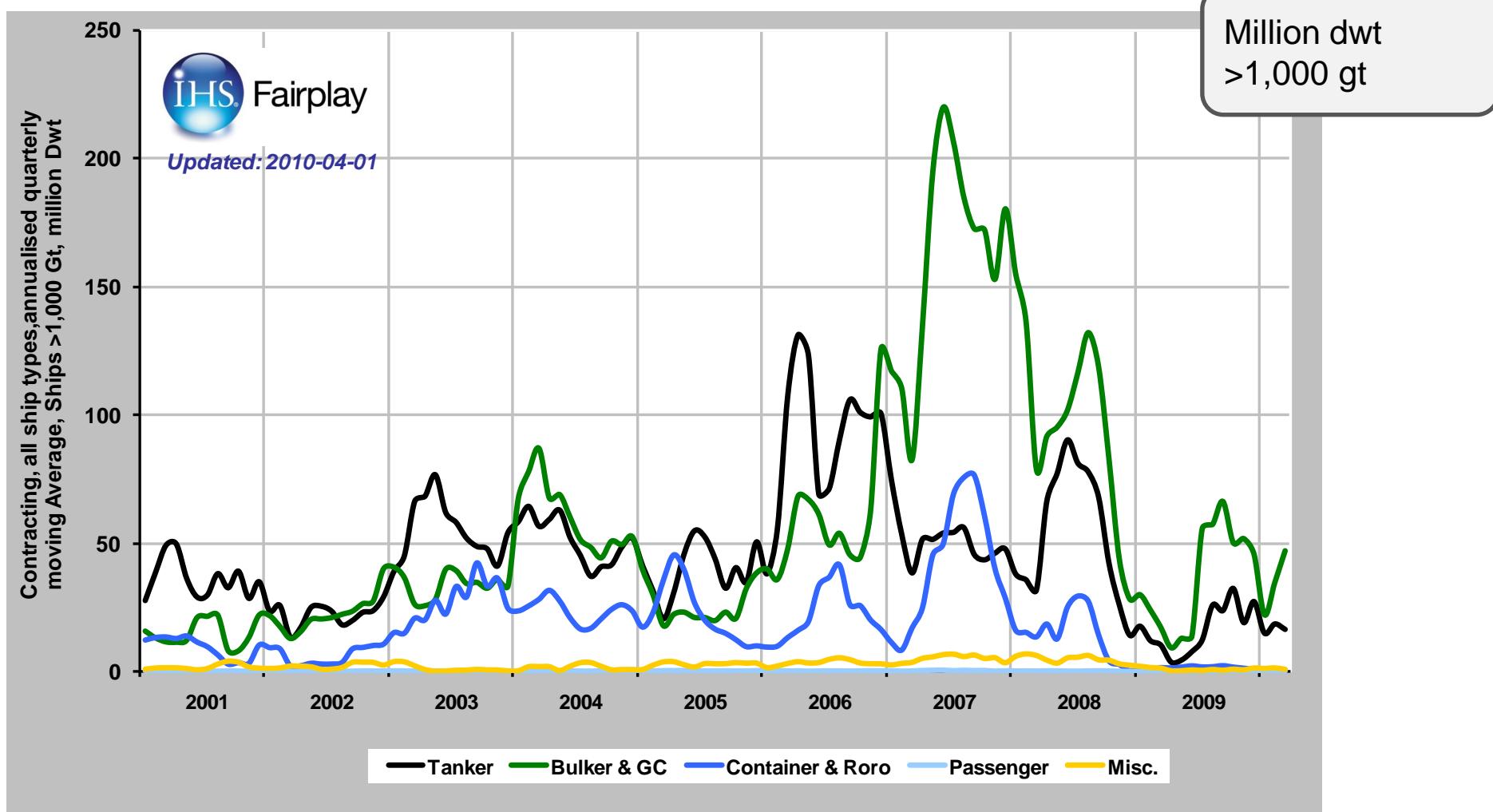
# Bulkers in the lead



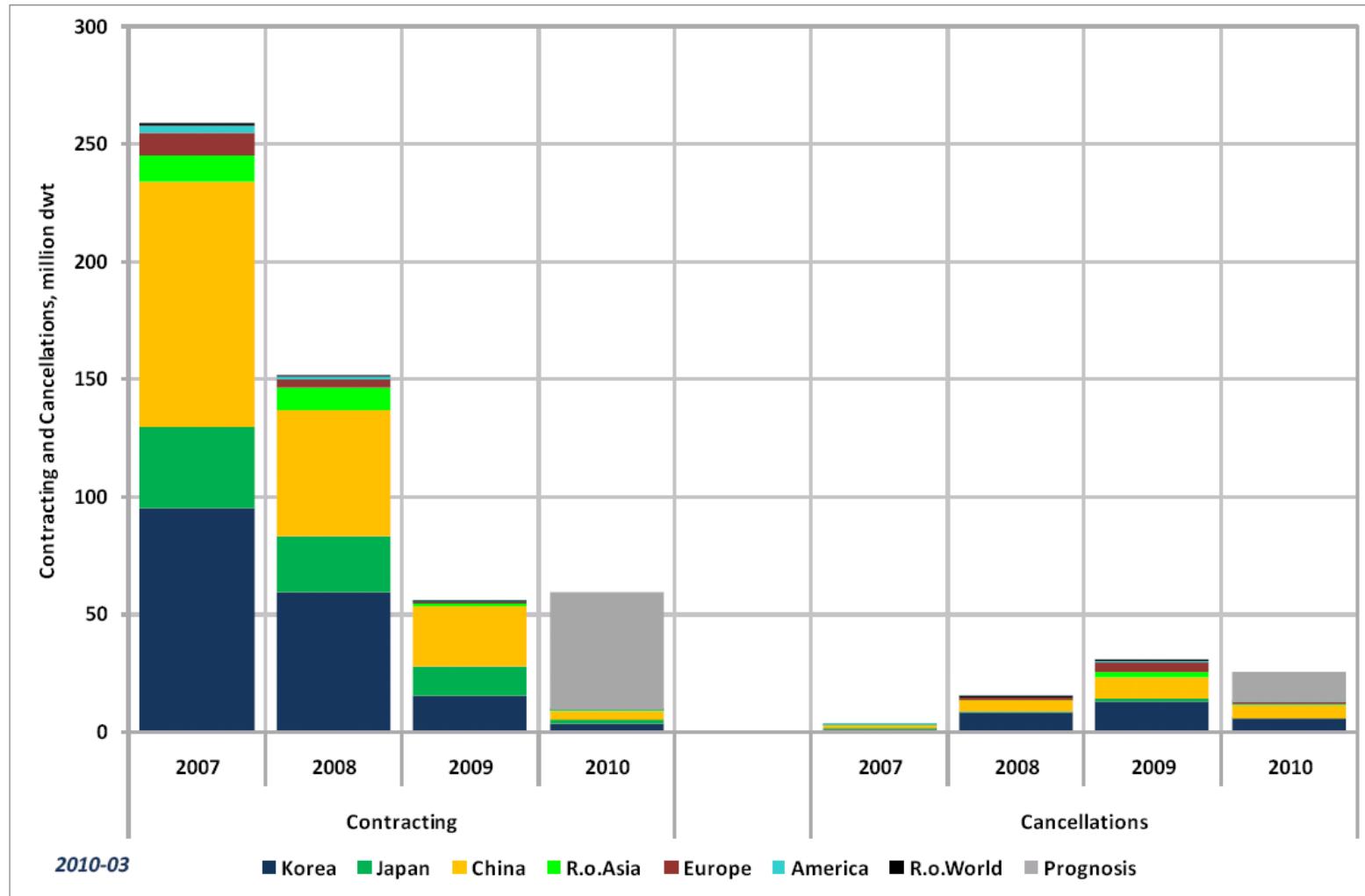
Number of ships  
>1,000 gt



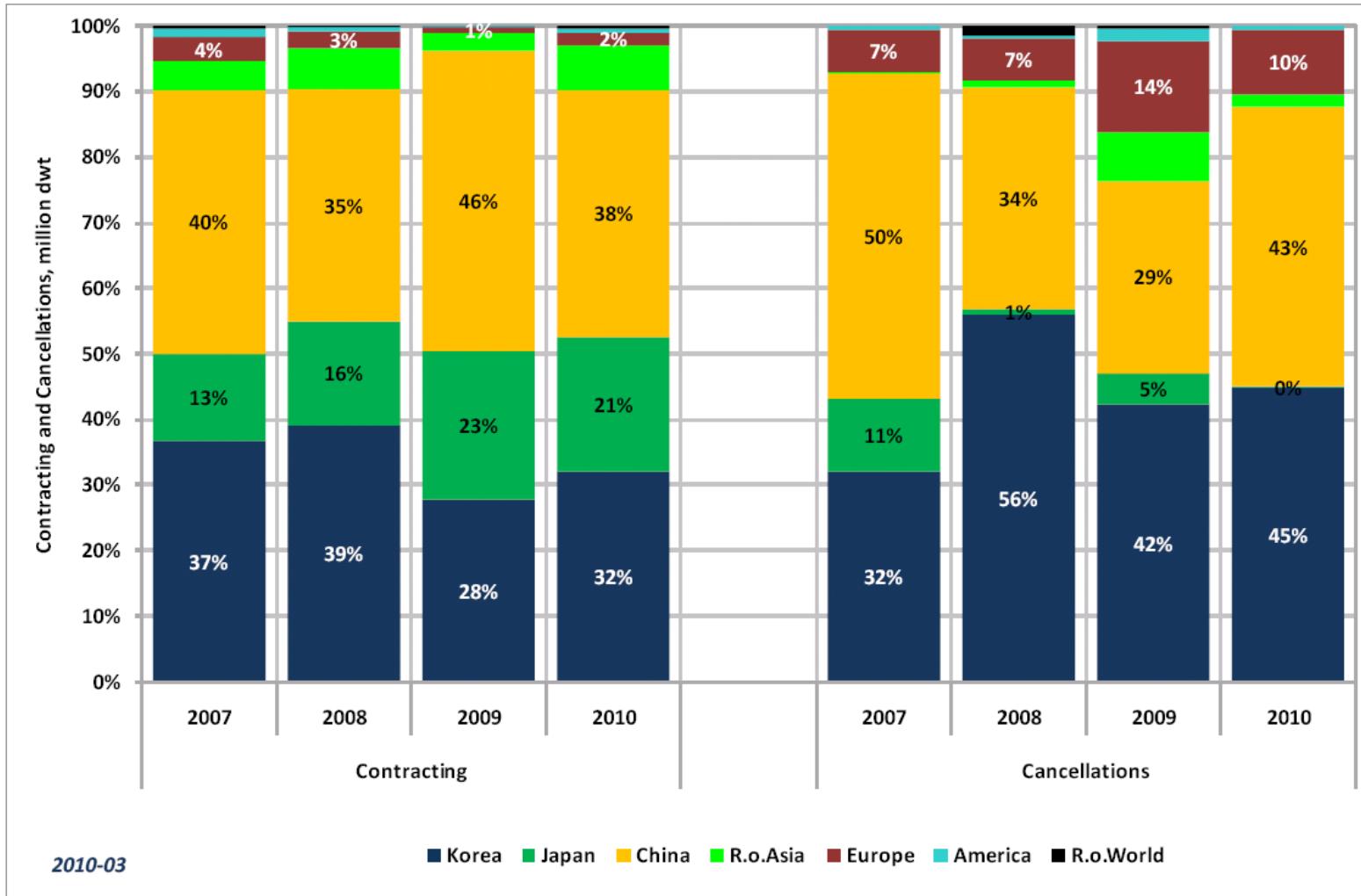
# Also large vessels are ordered



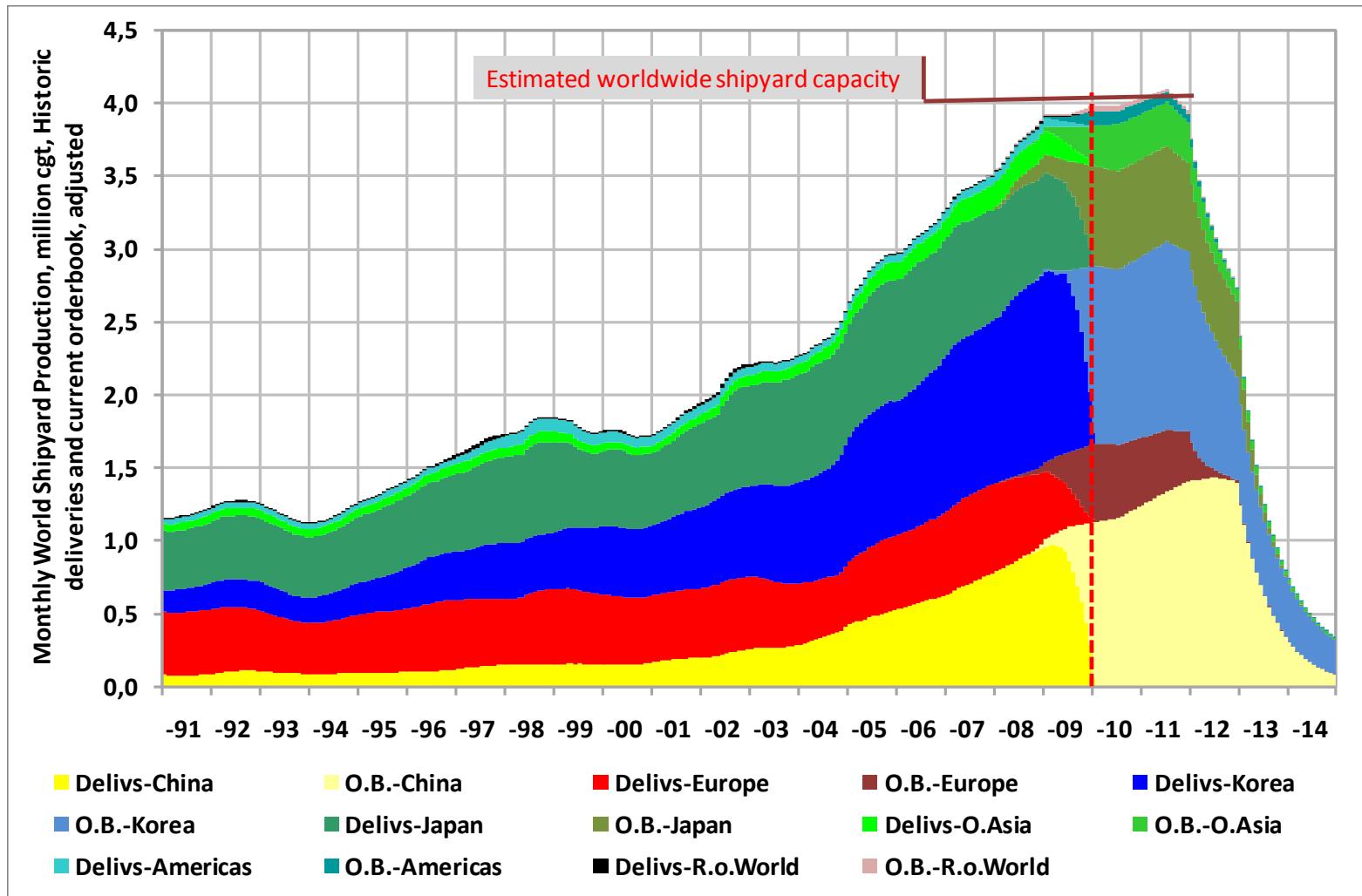
# New Orders & Cancellations



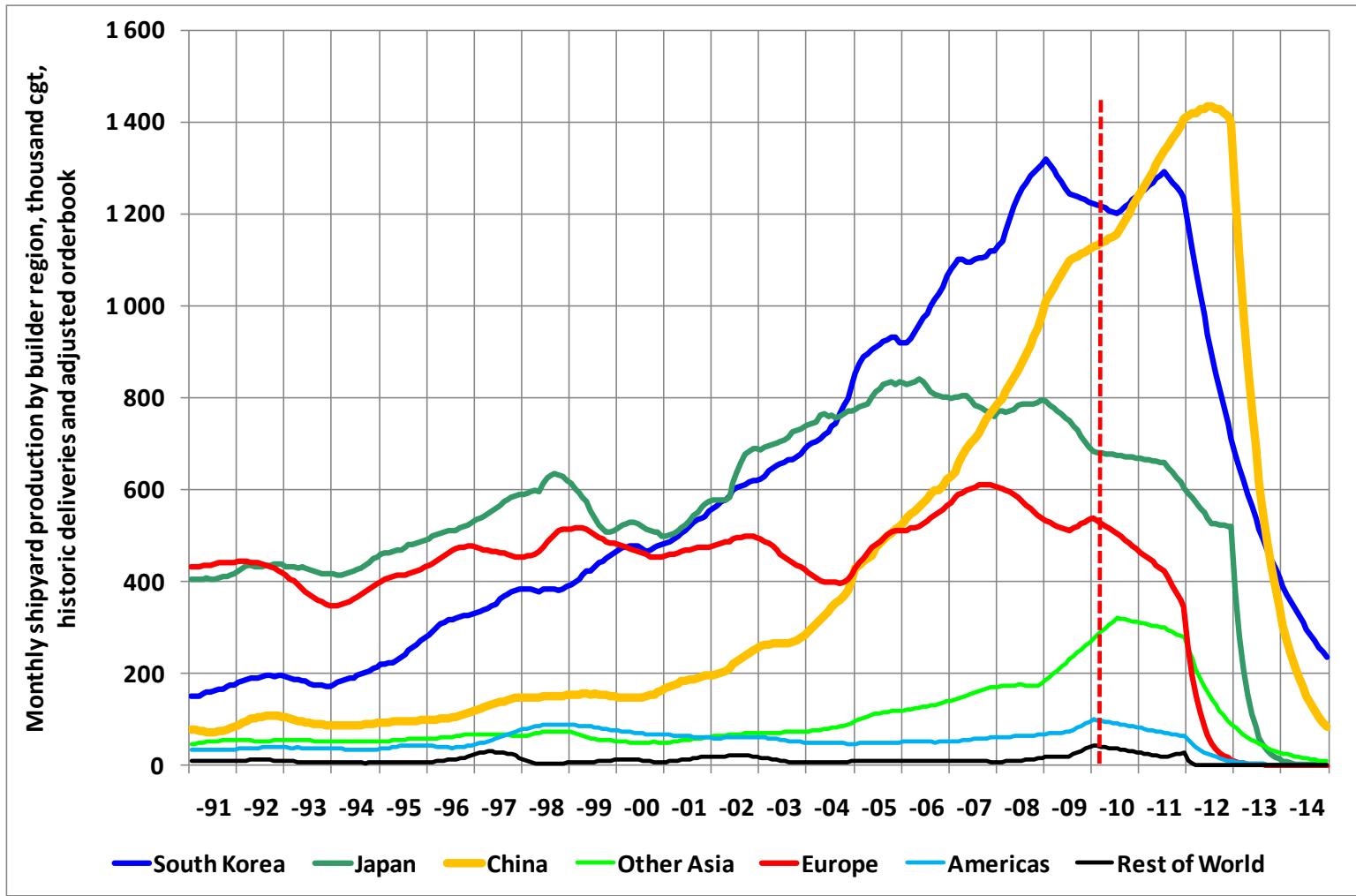
# New Orders & Cancellations



# Monthly World Production, cgt

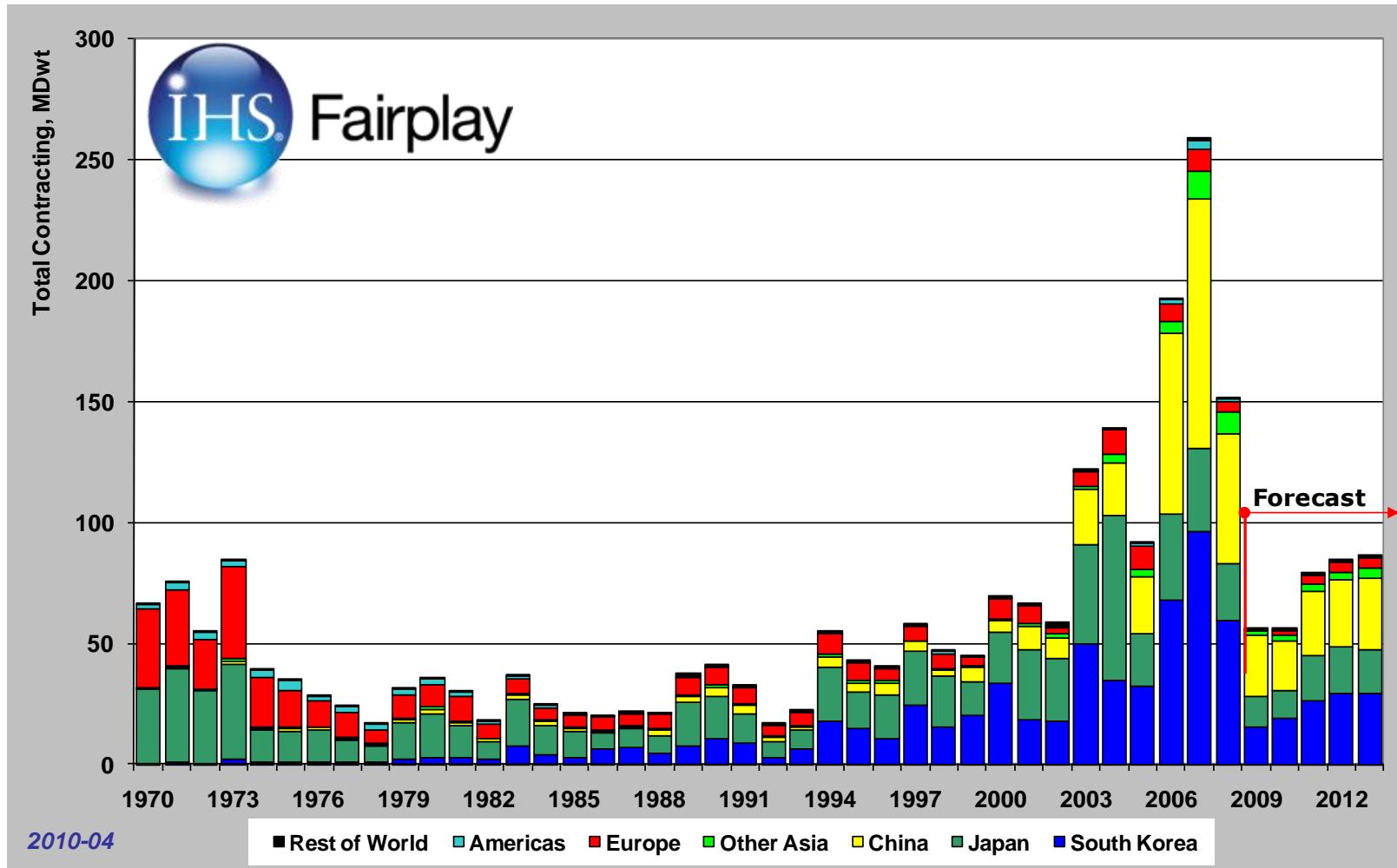


# Monthly World Production, cgt



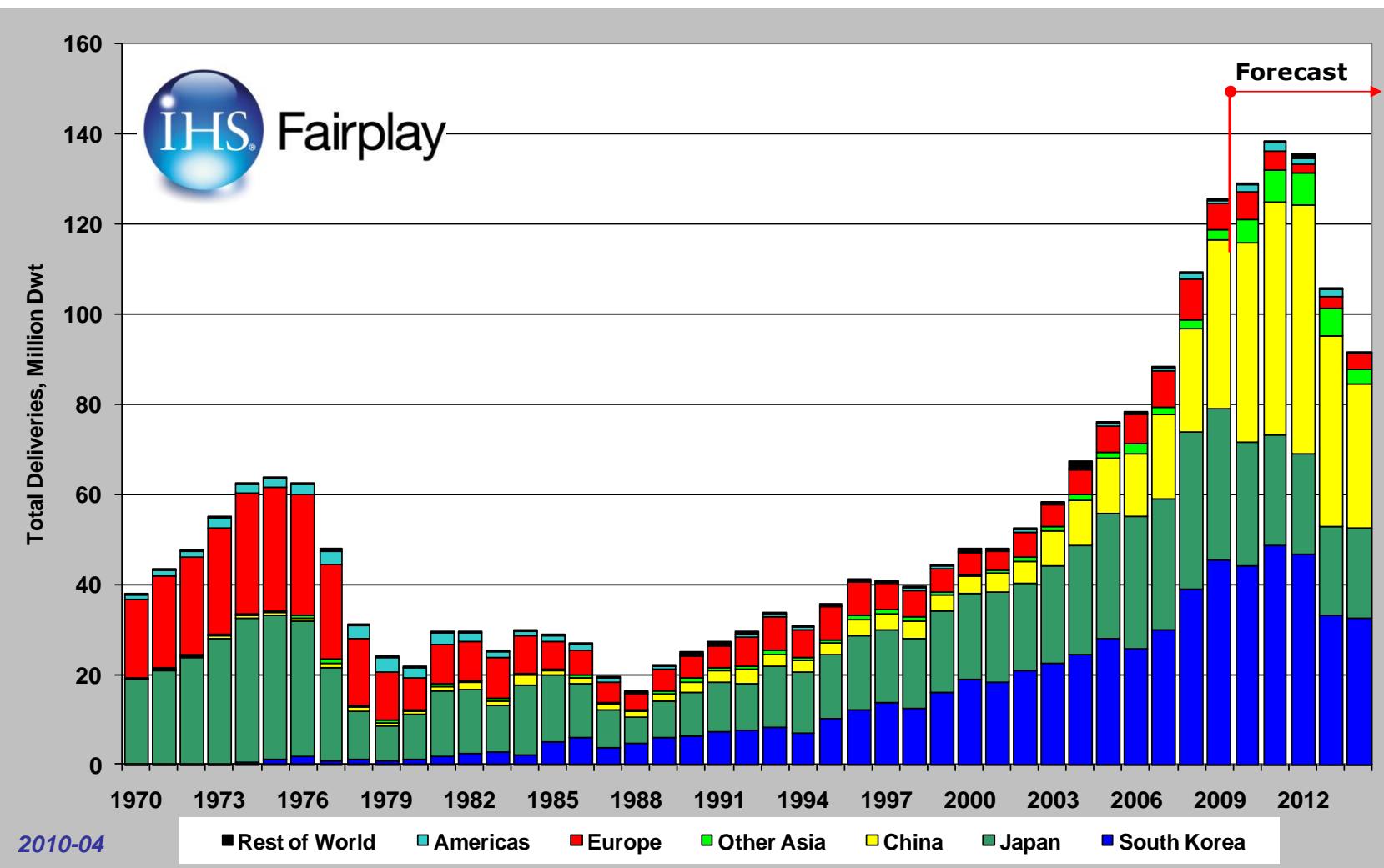
# New Ship Orders

## - China to Get a Higher Share...



# Deliveries, country of build

## China to deliver most dwt already in 2011





# Thanks!

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May, 2010

