

# CYCL<sub>○</sub>PE

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**Feeding world markets in 2030 !**

**Between markets and farm policies**

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## Spring 2016 :

- The world produces more than 3 bns tons of grains
- World market prices are declining, back to the turn of the century
- C A P is dead !
- but farm policies are surviving from US to China
- green versus newtech ? What is sustainable ?

2030 ... but later around the end of XXI<sup>st</sup> century

10 billions people (older and living in towns)

10 billions people without food poverty, eating 2500/3000 cal./day  
and 100 grams proteins/day

We need to multiply by 2 world grain production

With - the same agricultural aeras  
- the impact of climatic change

This is the agricultural and food challenge

The most important challenge

Of the XXI<sup>st</sup> century

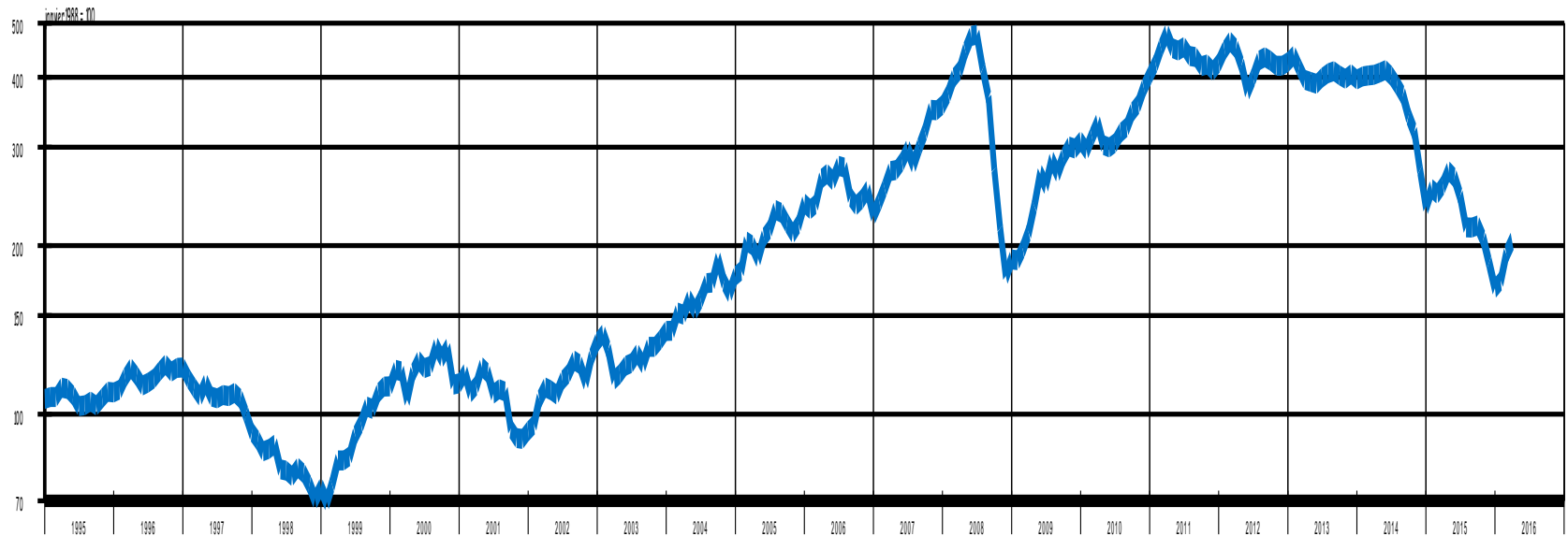
What will be Europe's place in this future ?

# Let's have a look at the markets

## We are just coming out of a commodity shock

Indice Répond des cours des matières premières en \$

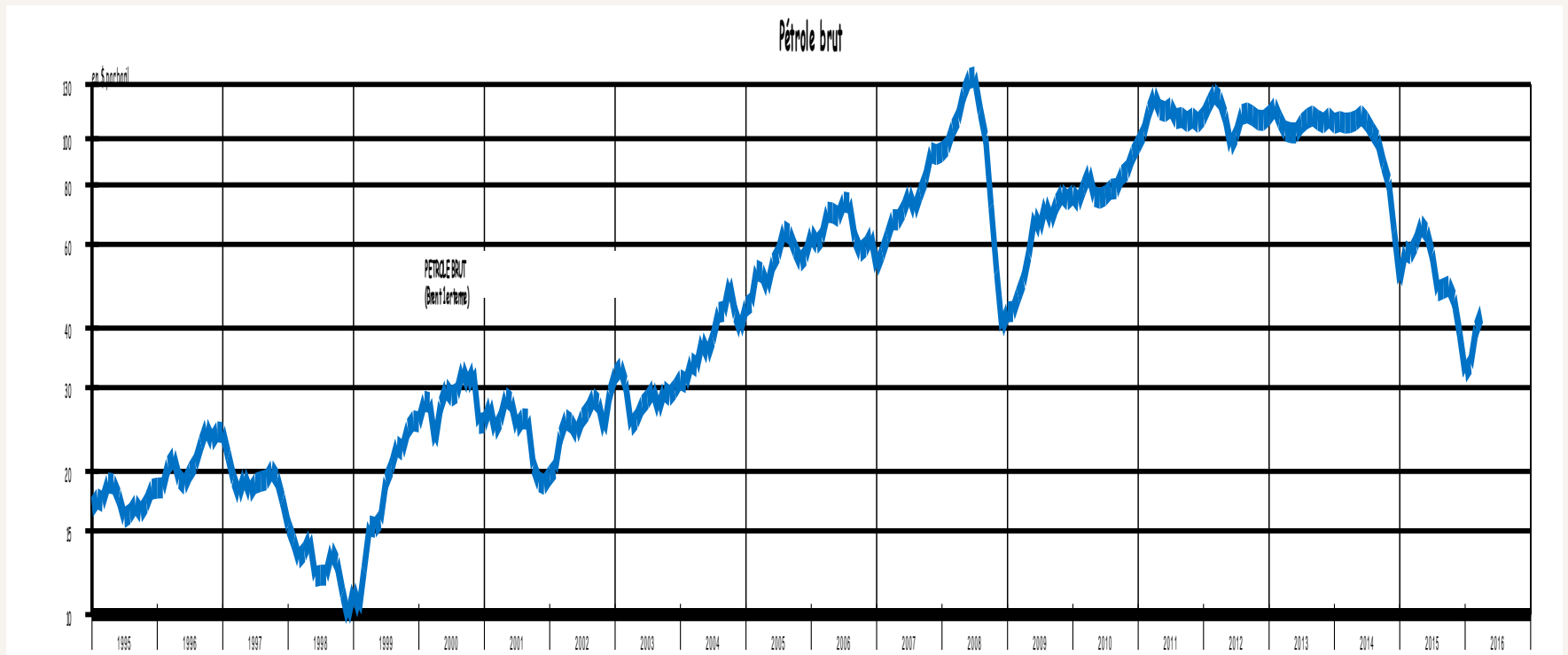
Ensemble y c. métaux précieux et pétrole



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# Oil of course and what it means for the relation between energy and agriculture

Cours des matières premières

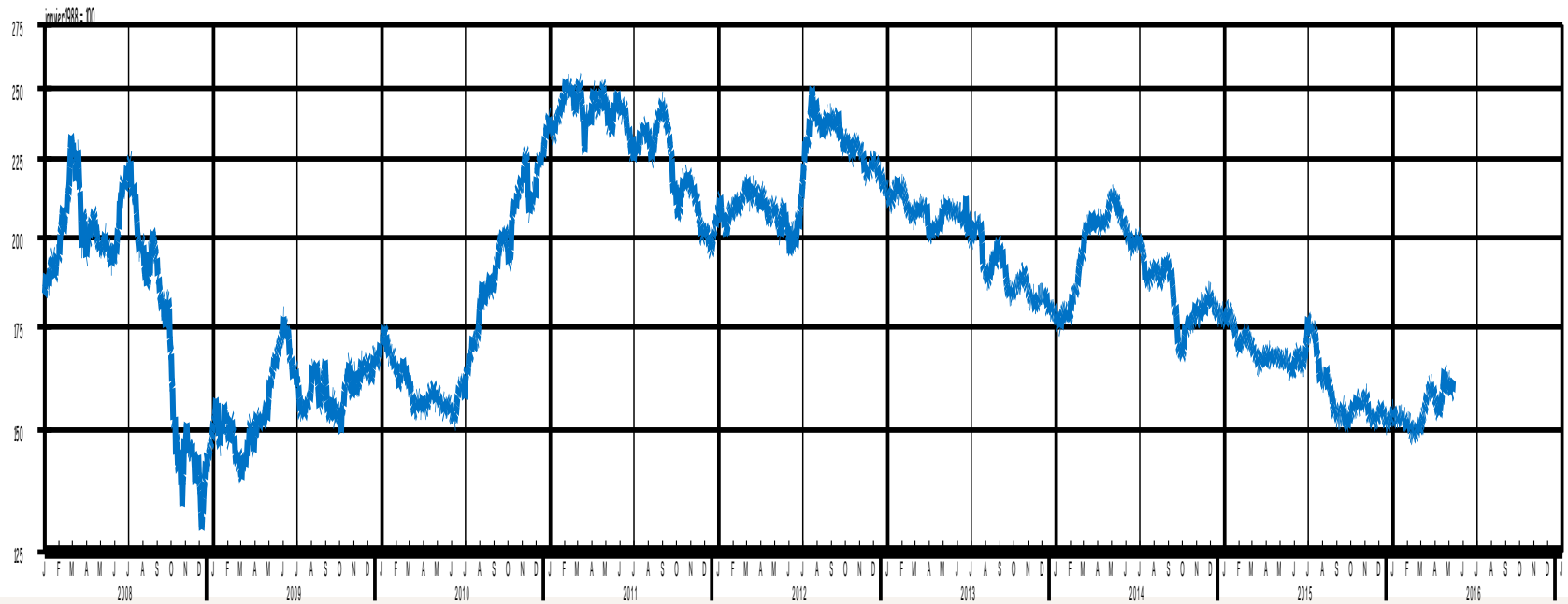


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# But also food prices

Indices Coe-Rexecode des cours des matières premières en \$

Produits alimentaires

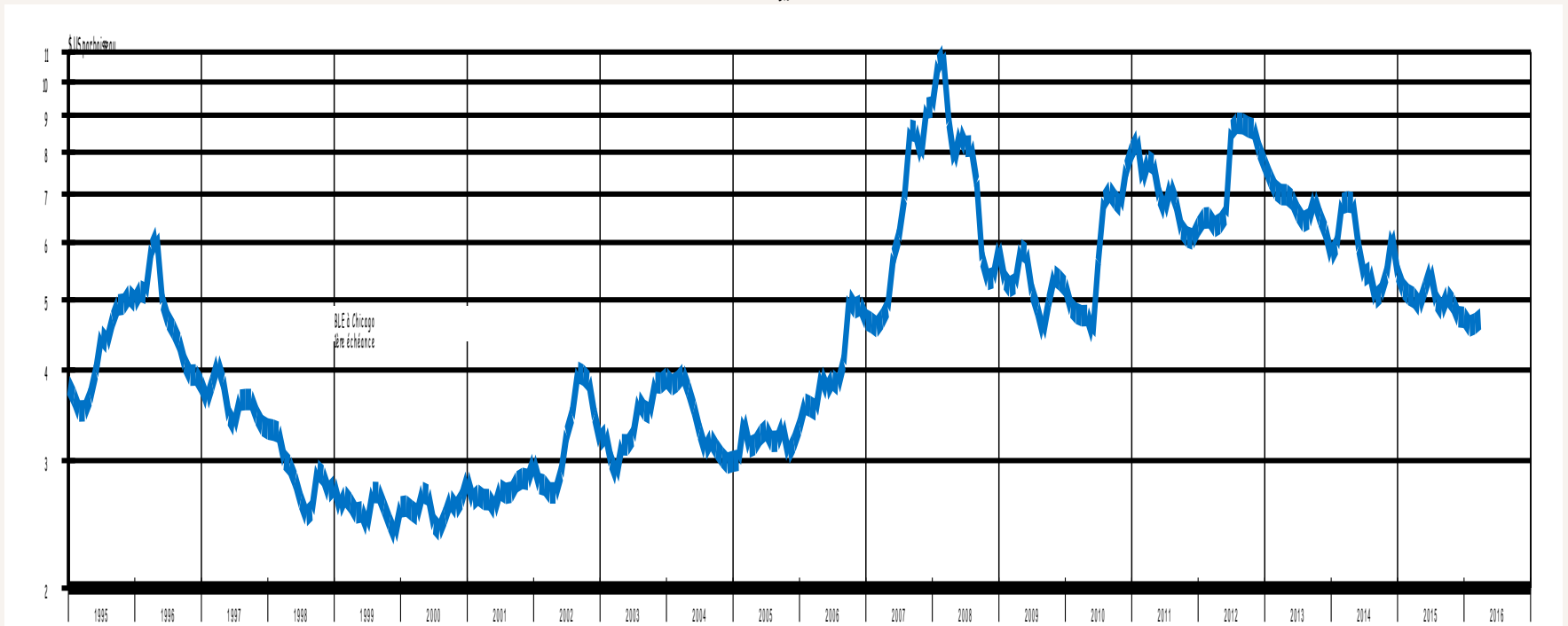


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On the whole, world prices are still slightly above the levels of the turn of century like wheat

Cours des matières premières

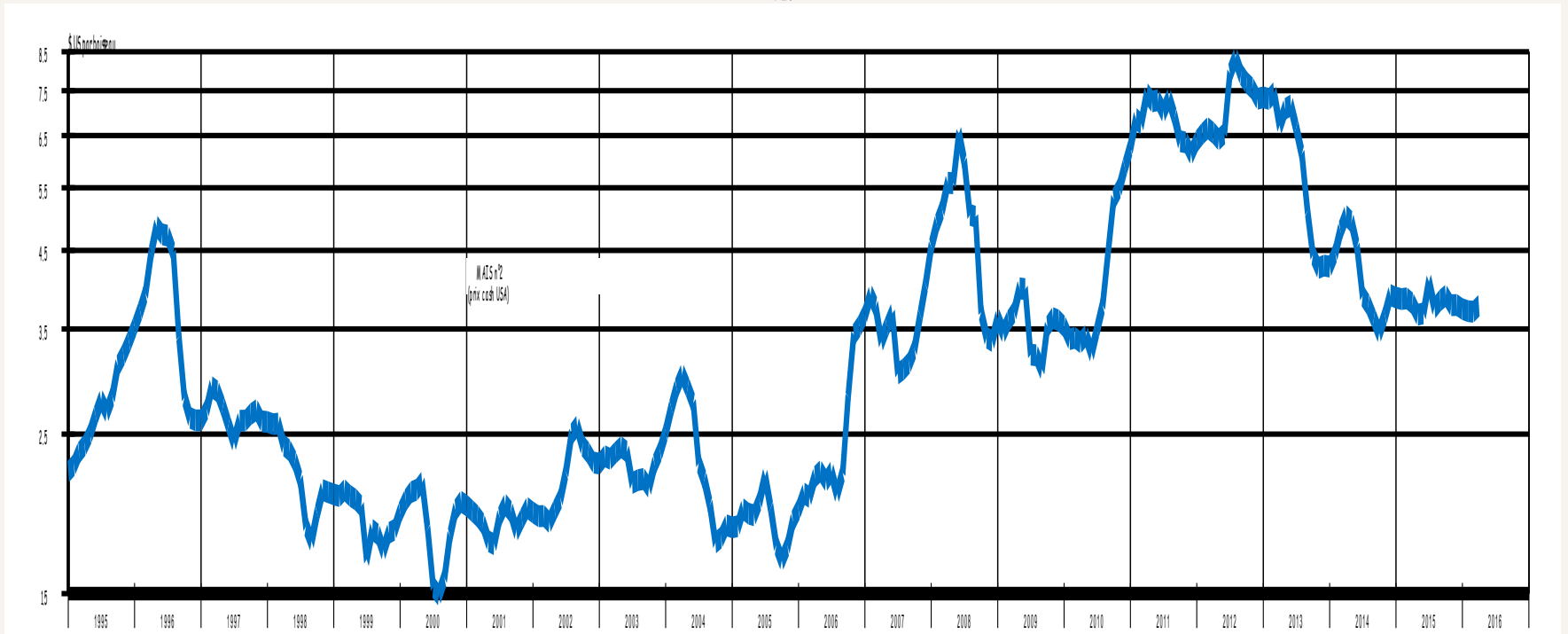
Blé



# Corn

Cours des matières premières

Maïs



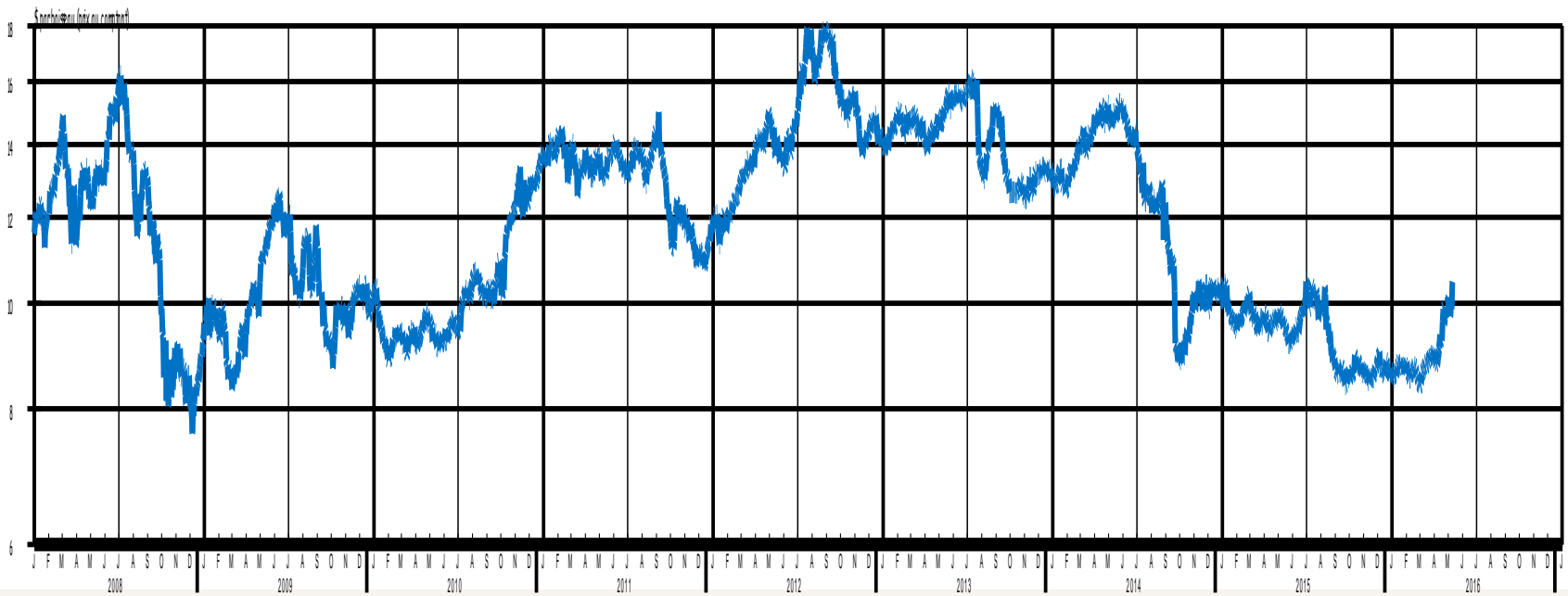
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# Soybeans

Cours des matières premières

Fèves de soja

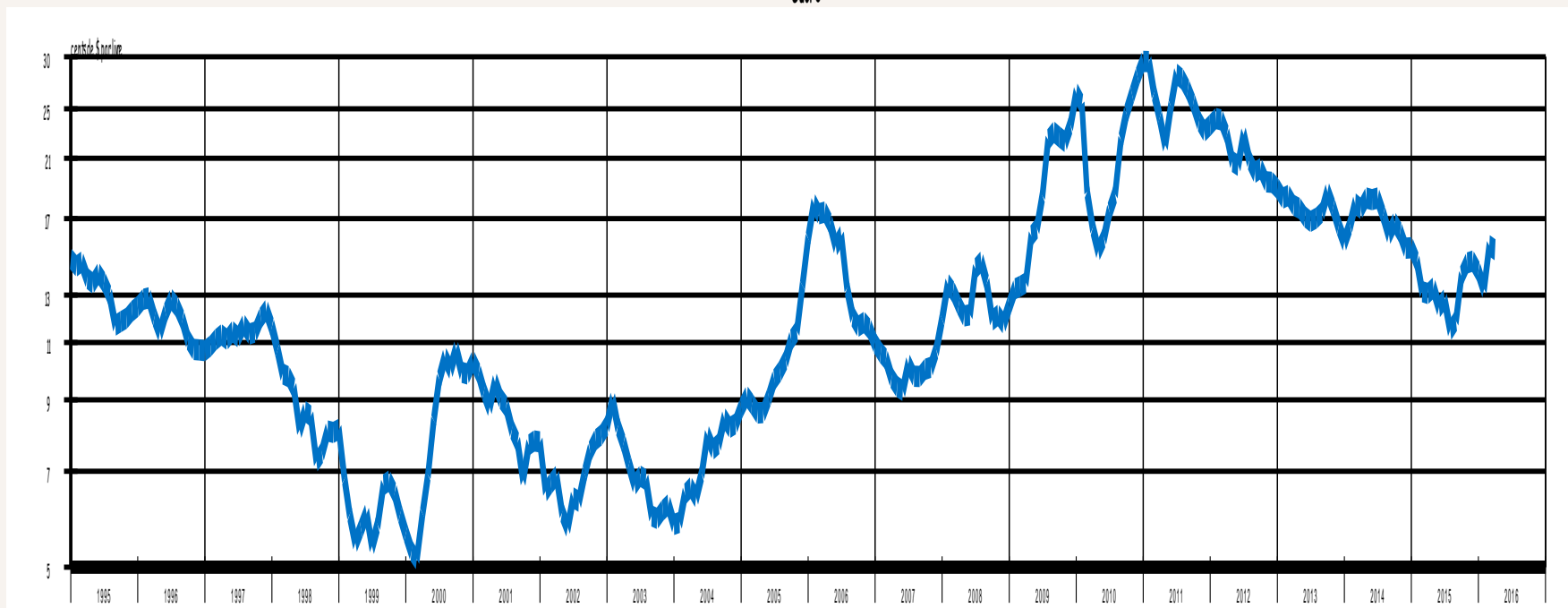


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# Sugar

Cours des matières premières

Sucre

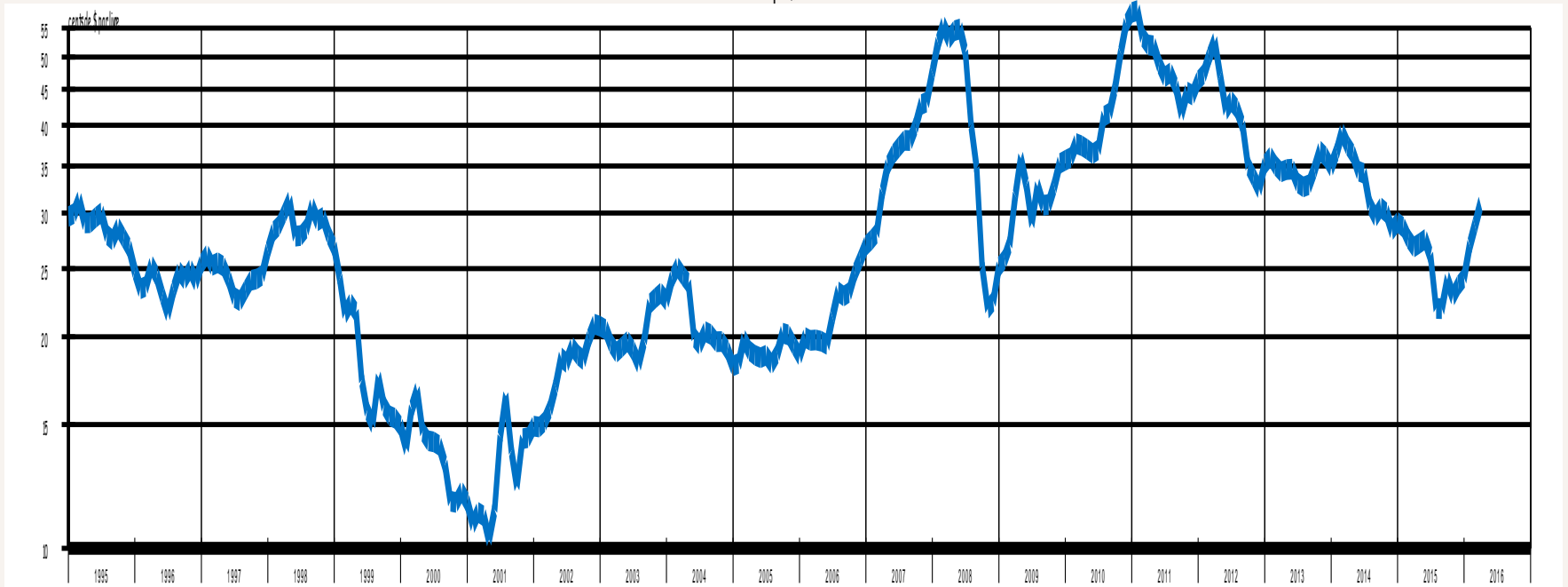


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# And even palm oil

Cours des matières premières

Huile de palme de Malaisie



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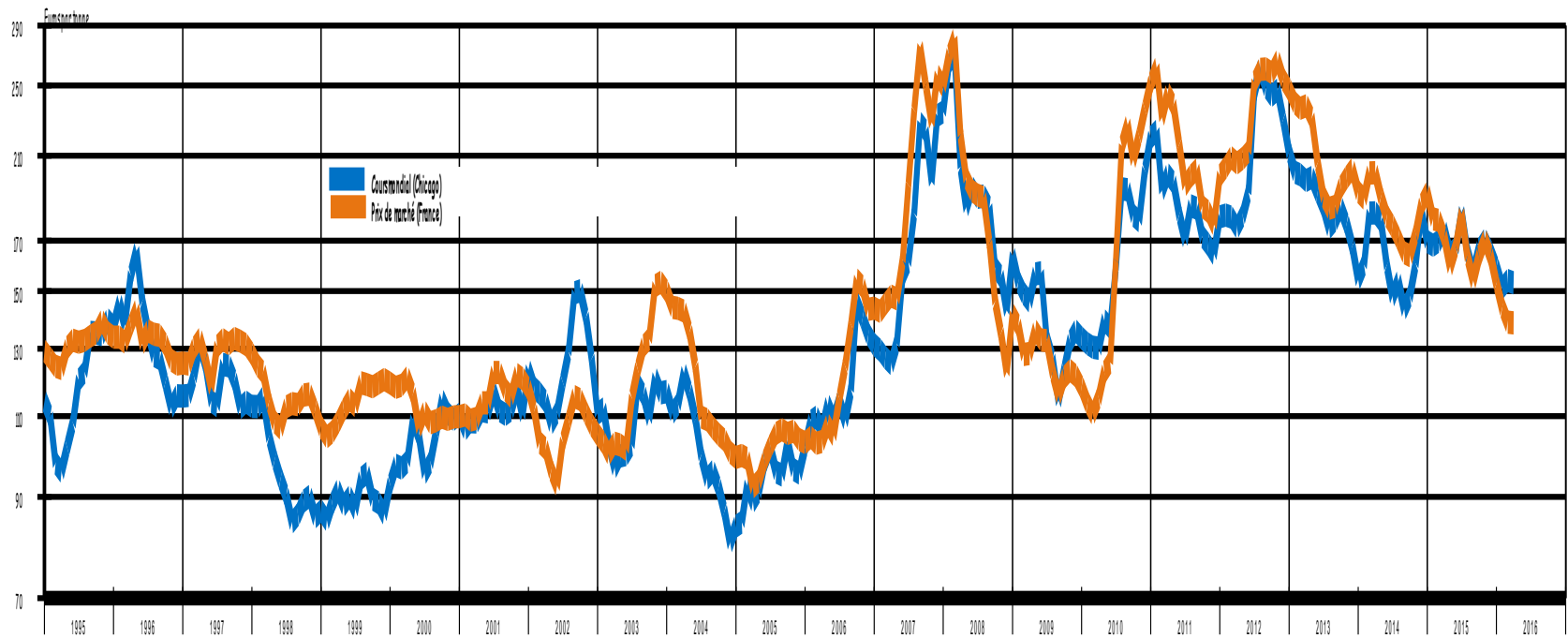
## What's happening ?

- good climatic conditions despite Niño and Niña
- rise of the dollar against many currencies from real to rouble
- changes in farm policies
  - Argentina
  - China
  - US
  - Europe : the end of CAP

# Wheat in Europe : from stable to volatile

Cours des matières premières

Prix du blé tendre



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## The European « cultural revolution »

- CAP used to be an efficient, price-directed, administrative system
- Europe is now the most « libéral » open-market agricultural system in the world
- European policies are « one way » towards environment and food safety
- The European « open house »

## In the future :

- What can be sure :
  - markets will remain unstable
  - no hope for a new CAP
  - the agri and food challenge
  
- The main questions :
  - biotechnologies and a new generation of GMO
  - agricultural production and chemical products : how to be green without being « a Green »
  - food safety and its paradox
  - the « illusion » of sustainability
  - the real question : how to finance farm policies in developing countries ?

To feed the world :

The most important challenge of XXIst century !