

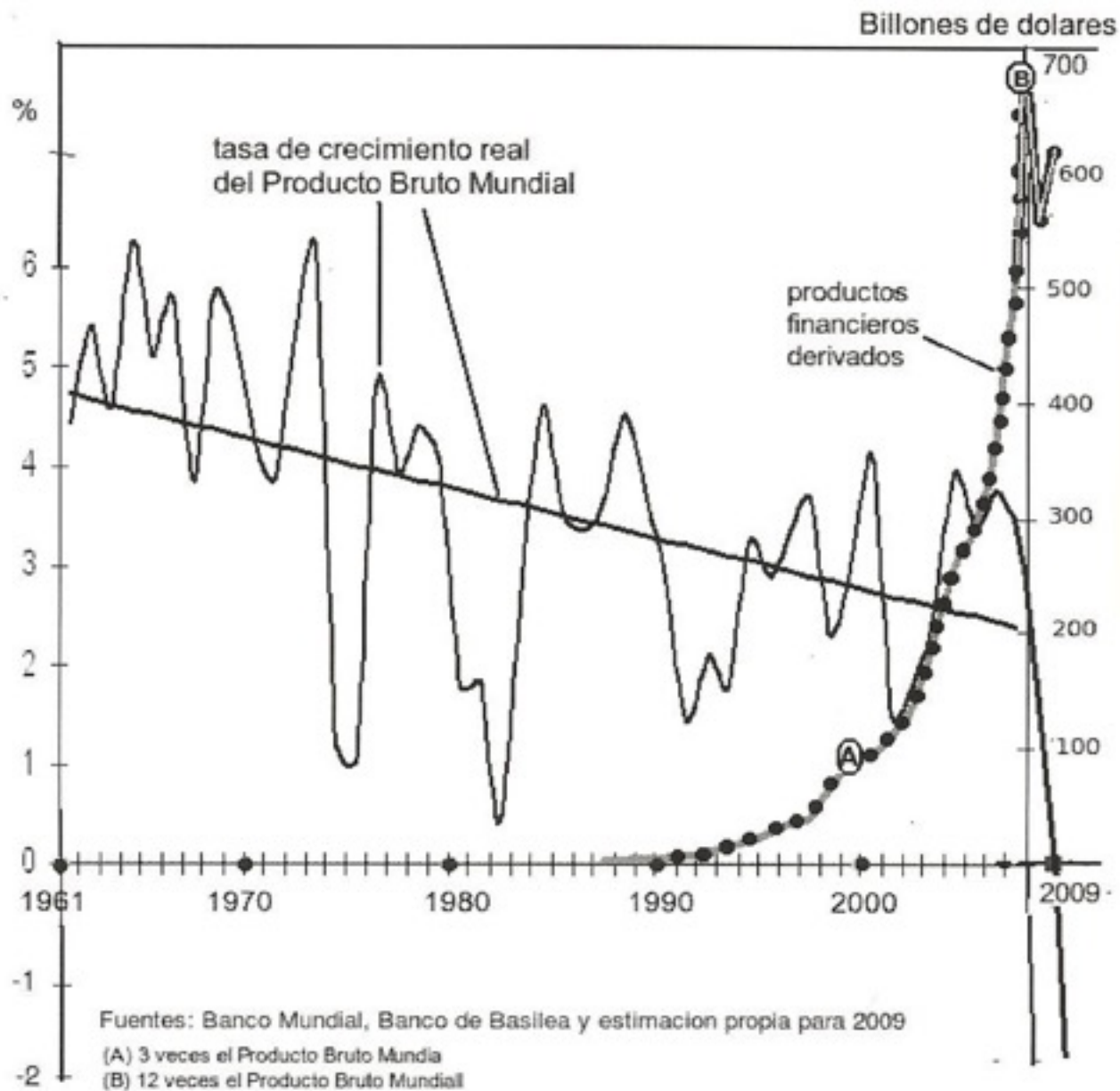
La combinación de crisis

Prof. François Houtart



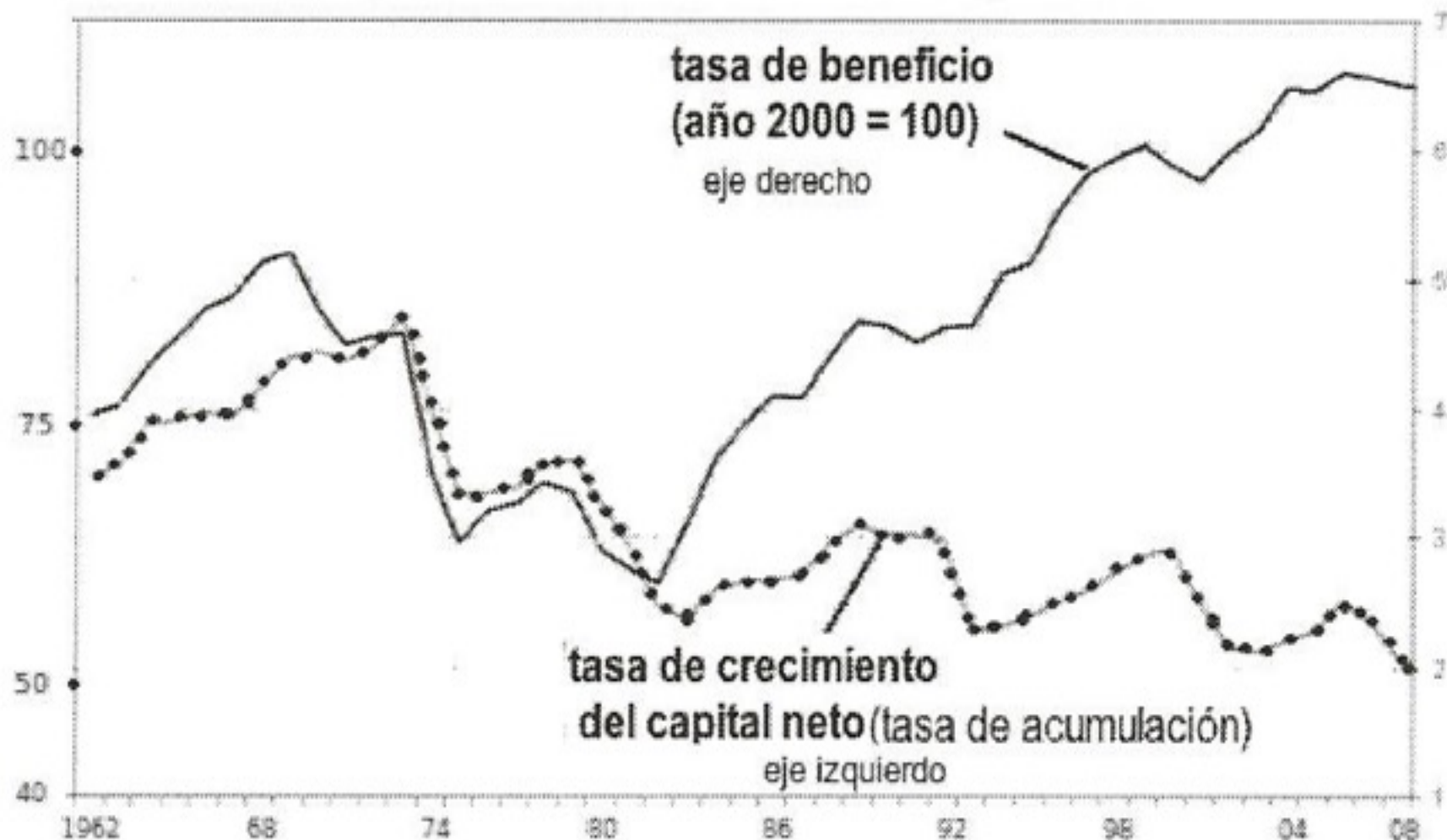
La crisis financiera

Desaceleración económica y expansión financiera

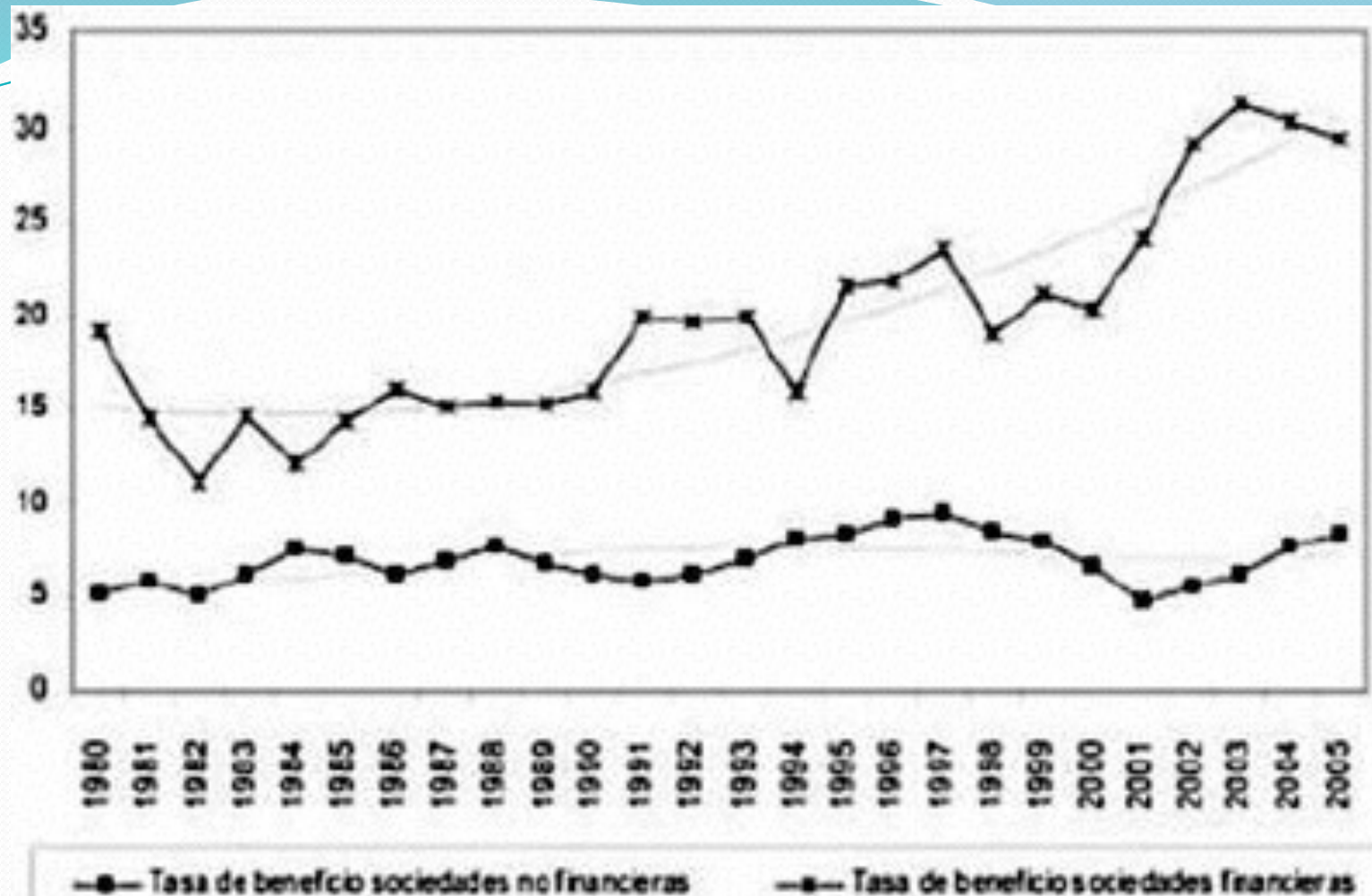


Potencias centrales: beneficios y acumulación

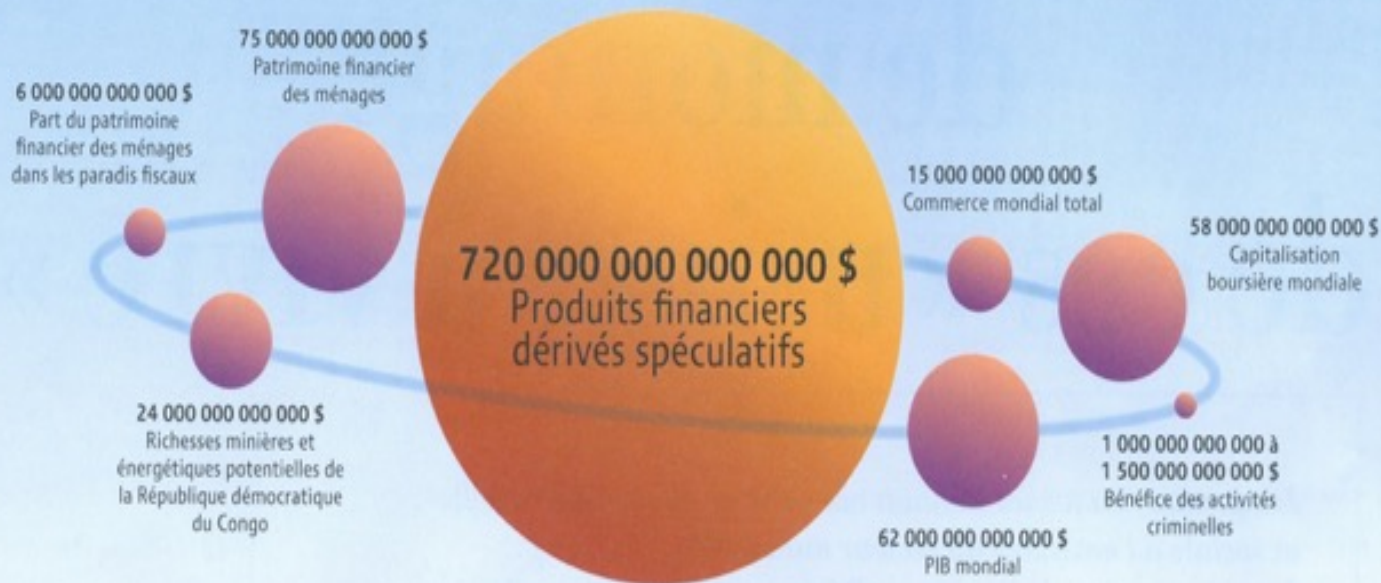
Japón + Estados Unidos + Unión Europea



Fuente: base de datos de la Comisión Europea /Michel Husson(3)



Fuente: (La gran transformación desde los años ochenta hasta la crisis actual, tanto en el Sur como en el Norte, Eric Toussaint, Red Voltaire)

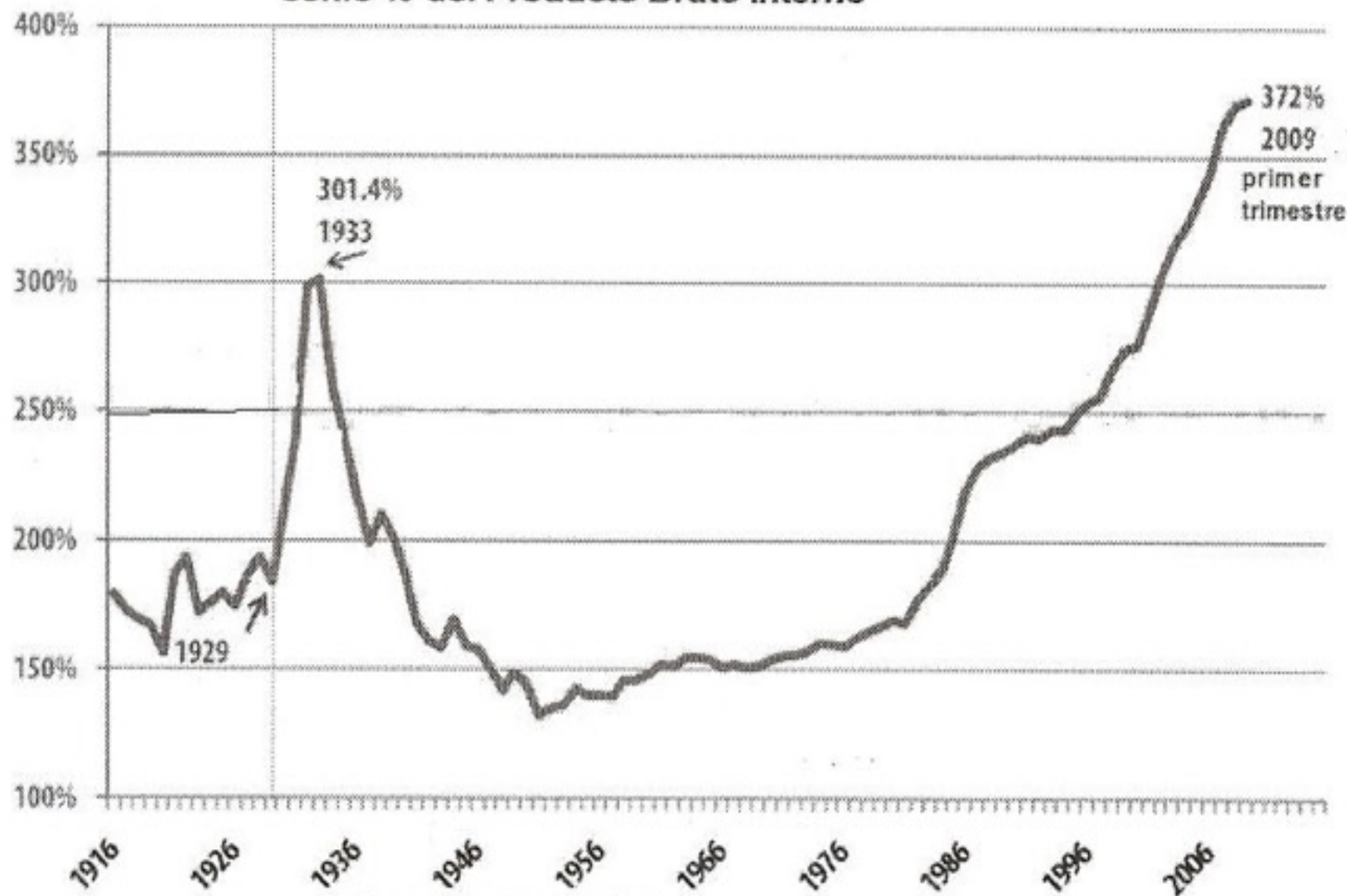


Supernova spéculative

Chiffres pour la période 2007-2009.



Deuda neta de los Estados Unidos (pública + privada) como % del Producto Bruto Interno



Fuente: www.caseyresearch.com

Crece la deuda en EE.UU.

► Evolución de la deuda

En billones de USD, periodos presidenciales

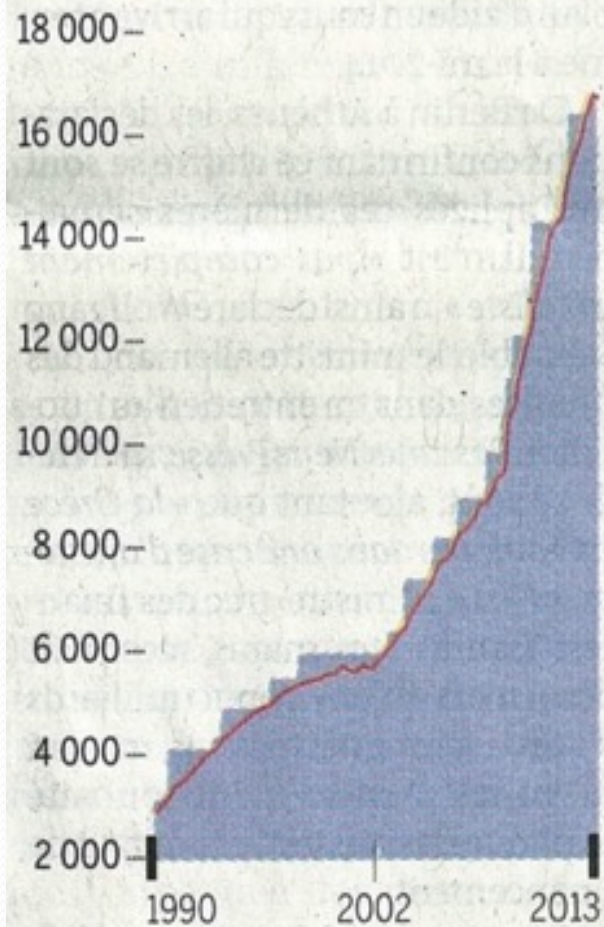


Fuente: Tesoro estadounidense: AFP

LA DETTE DU GOUVERNEMENT FÉDÉRAL ET SON PLAFOND en milliards de dollars

— Dette totale

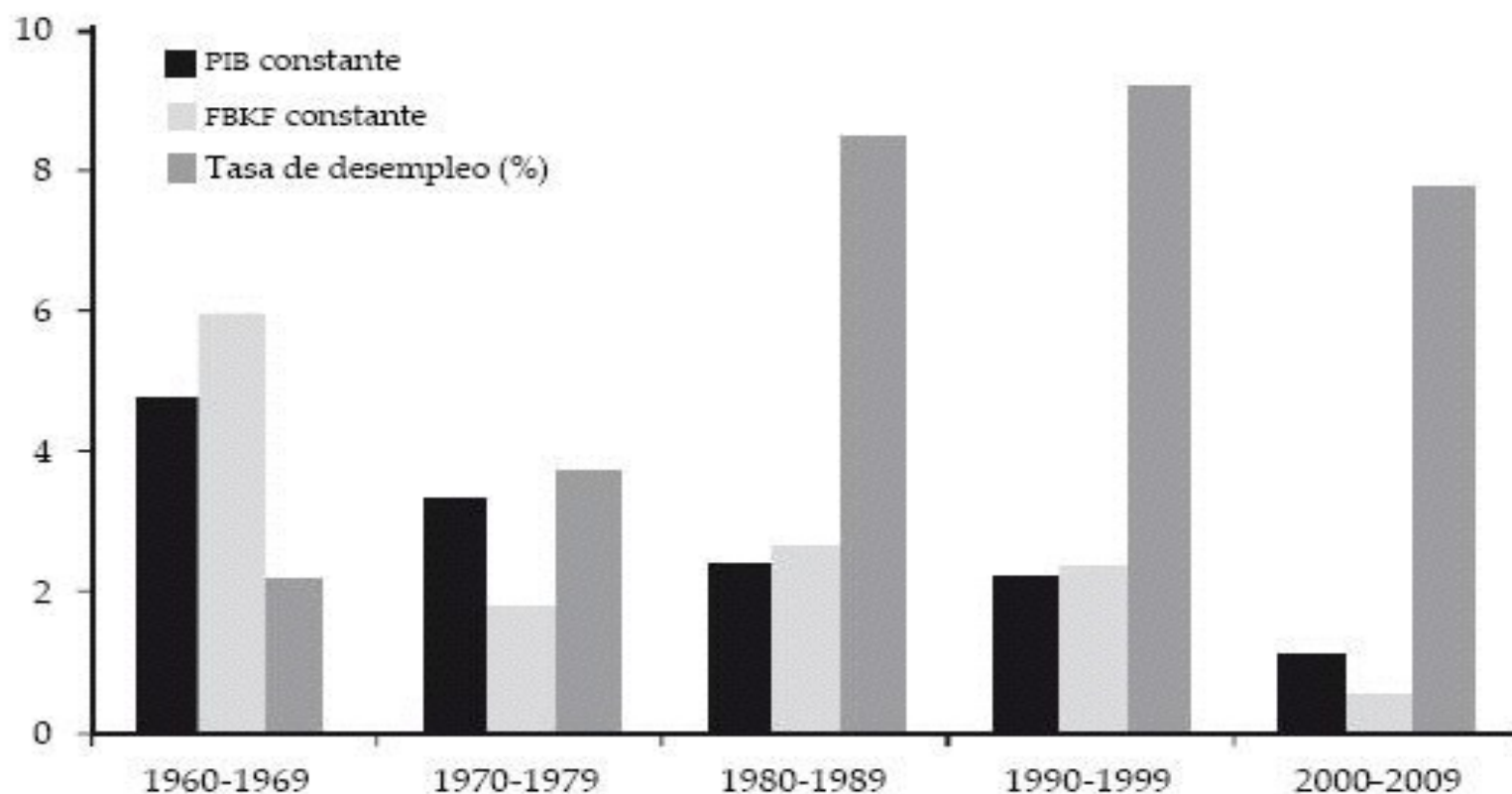
■ Plafond de la dette



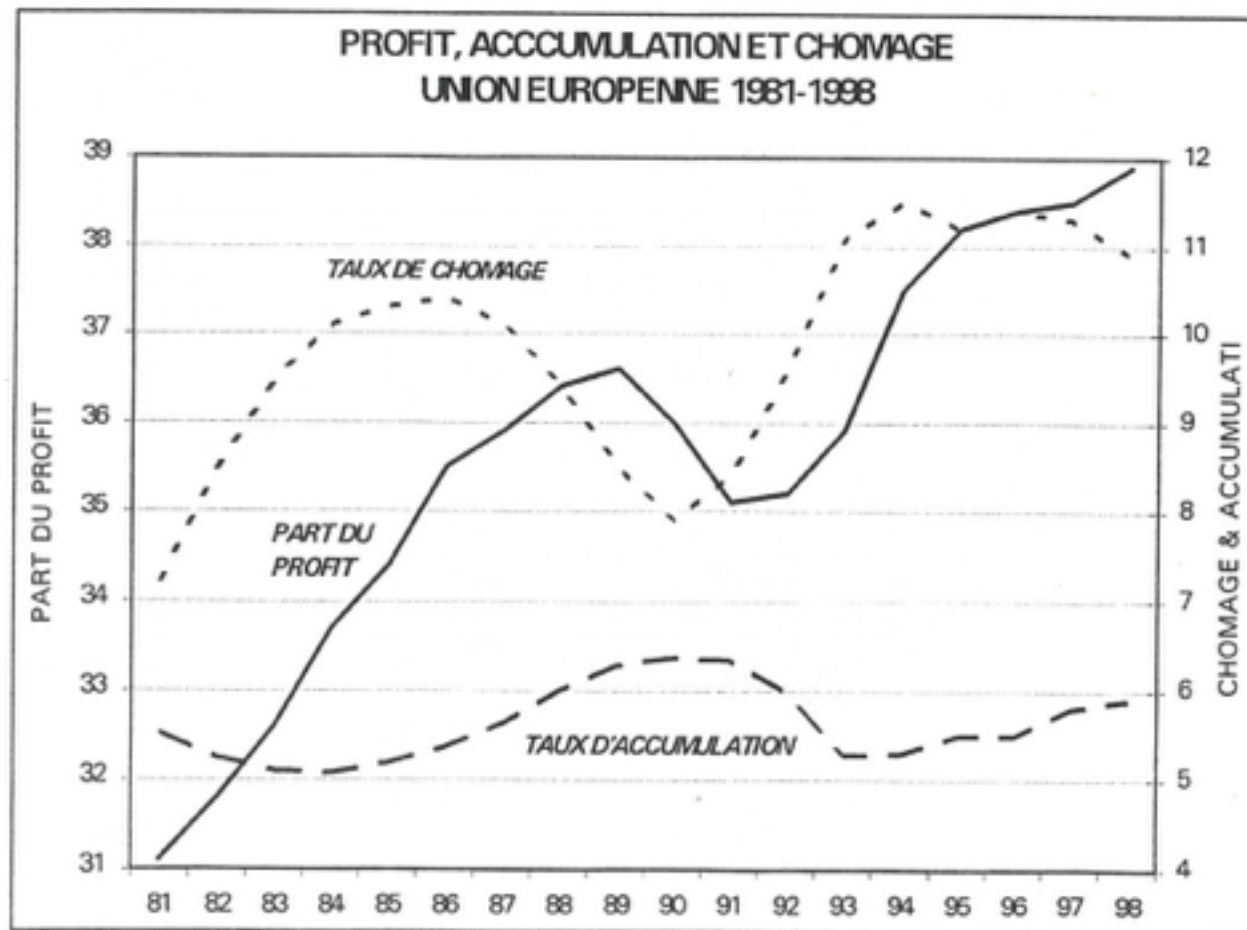
SOURCE : TRÉSOR DES ÉTATS-UNIS

GRÁFICA 1

*Crecimiento e inversión (tasa media anual acumulada)
y tasa de desempleo en UE-15, 1960-2009 (porcentajes)*



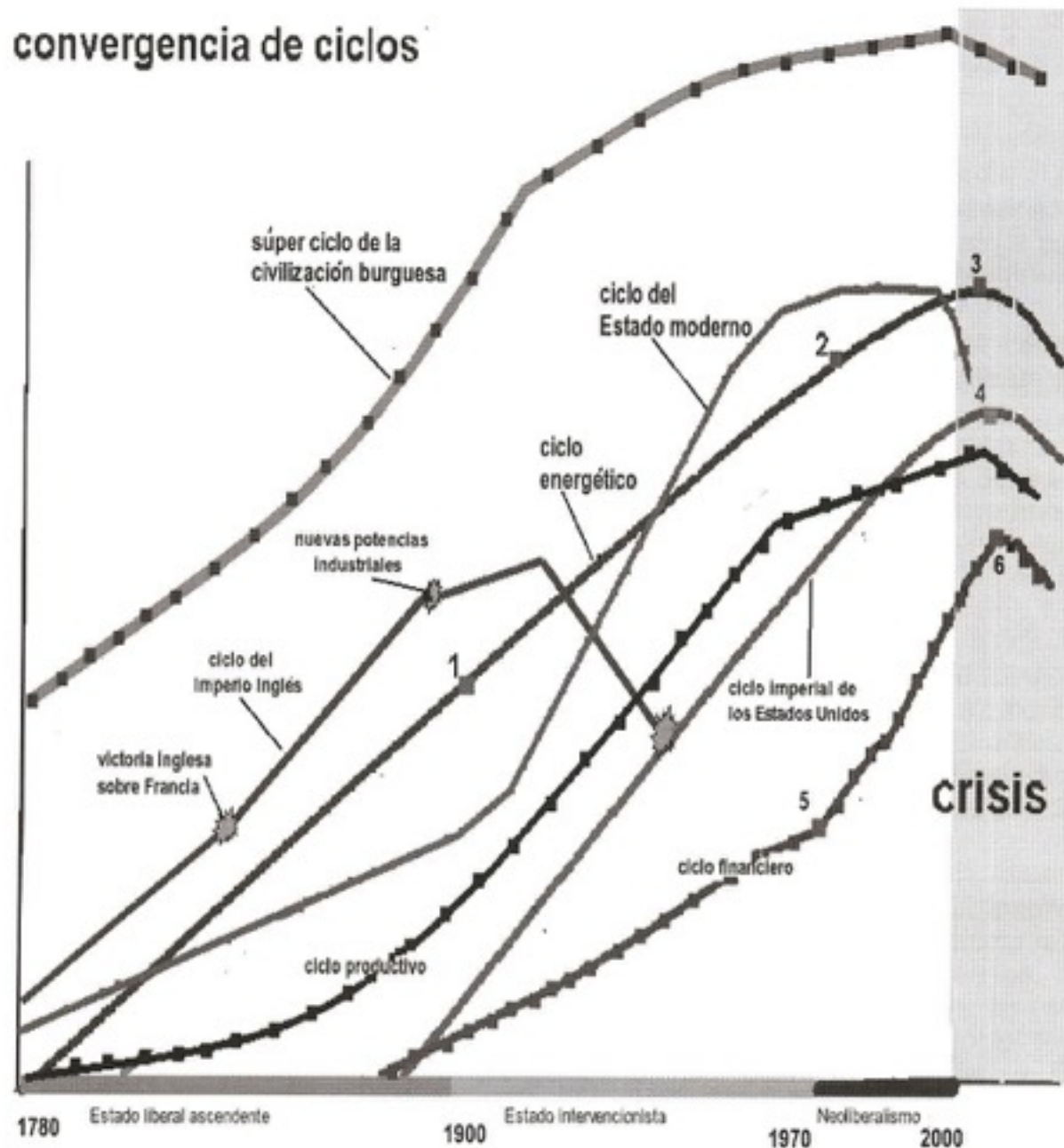
Fuente: *European Commission-Economic and Financial Indicators, Annual Macro-Economic database of the European Commission (AMECO)*.







convergencia de ciclos



(1) cima del ciclo del carbón en Inglaterra, (2) cima del ciclo del petróleo en los Estados Unidos, (3) cima global del petróleo, (4) era Bush, (5) estanflación de los años 70, (6) crisis financiera global



La crisis alimentaria



Evolución de los precios de los productos agrícolas:
maíz, trigo, soya, etanol.





Flambée et éclatement de la bulle spéculative sur le prix du soja à Chicago

S X8 [10] - SOYBEANS (DAY)

LAST: 980'0

CHANGE: 18'0

HIGH: 988'4

LOW: 963'0

10/10/2008



ZH X8 [10] - DENATURED FUEL ETHANOL

LAST:

CHANGE:

HIGH:

LOW:

10/10/2008



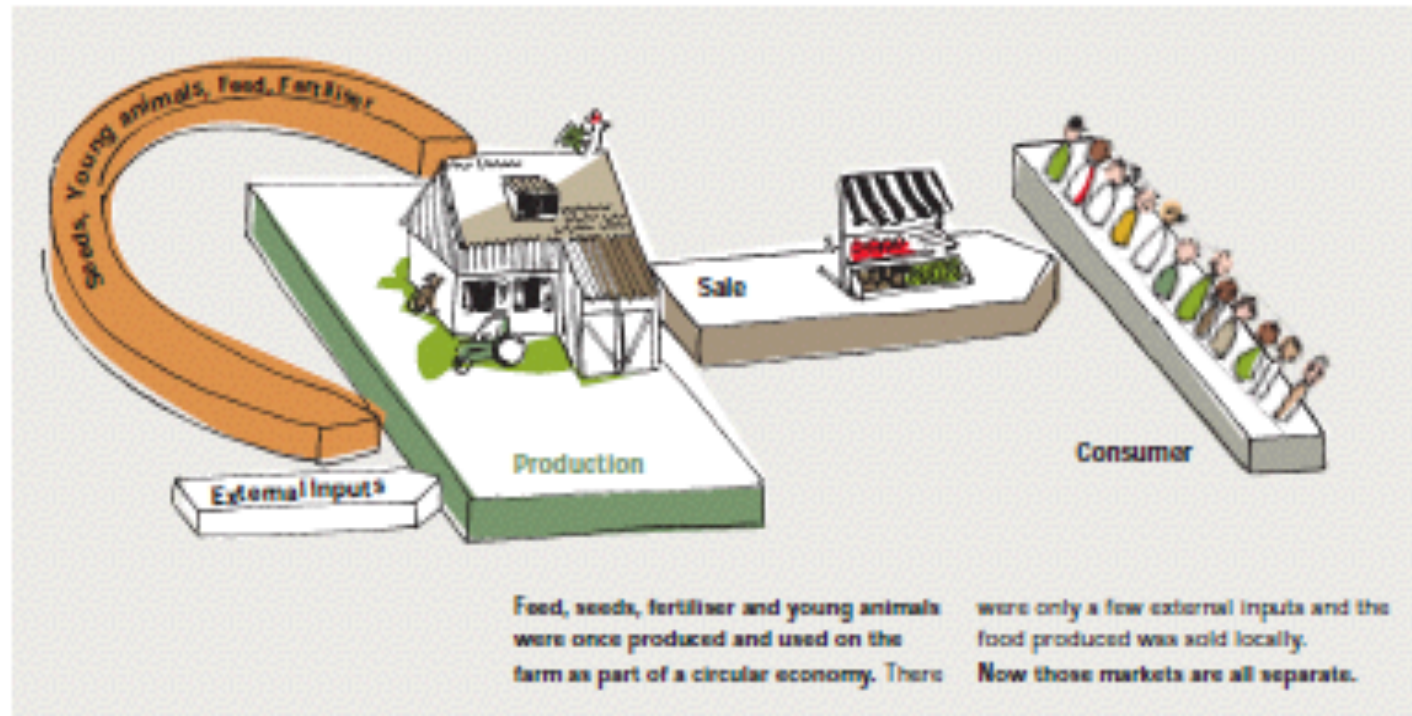




Cultivo de soya avanzando sobre la selva, Mato Grosso, Brasil. © Ton Koene, 2009



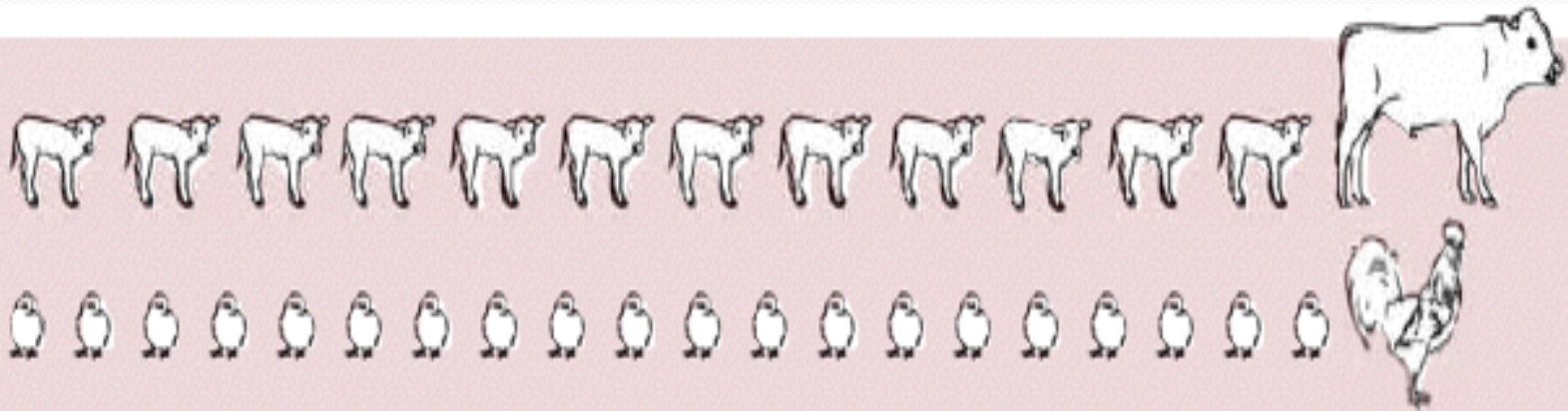
"Traditional Farm"











Lost diversity

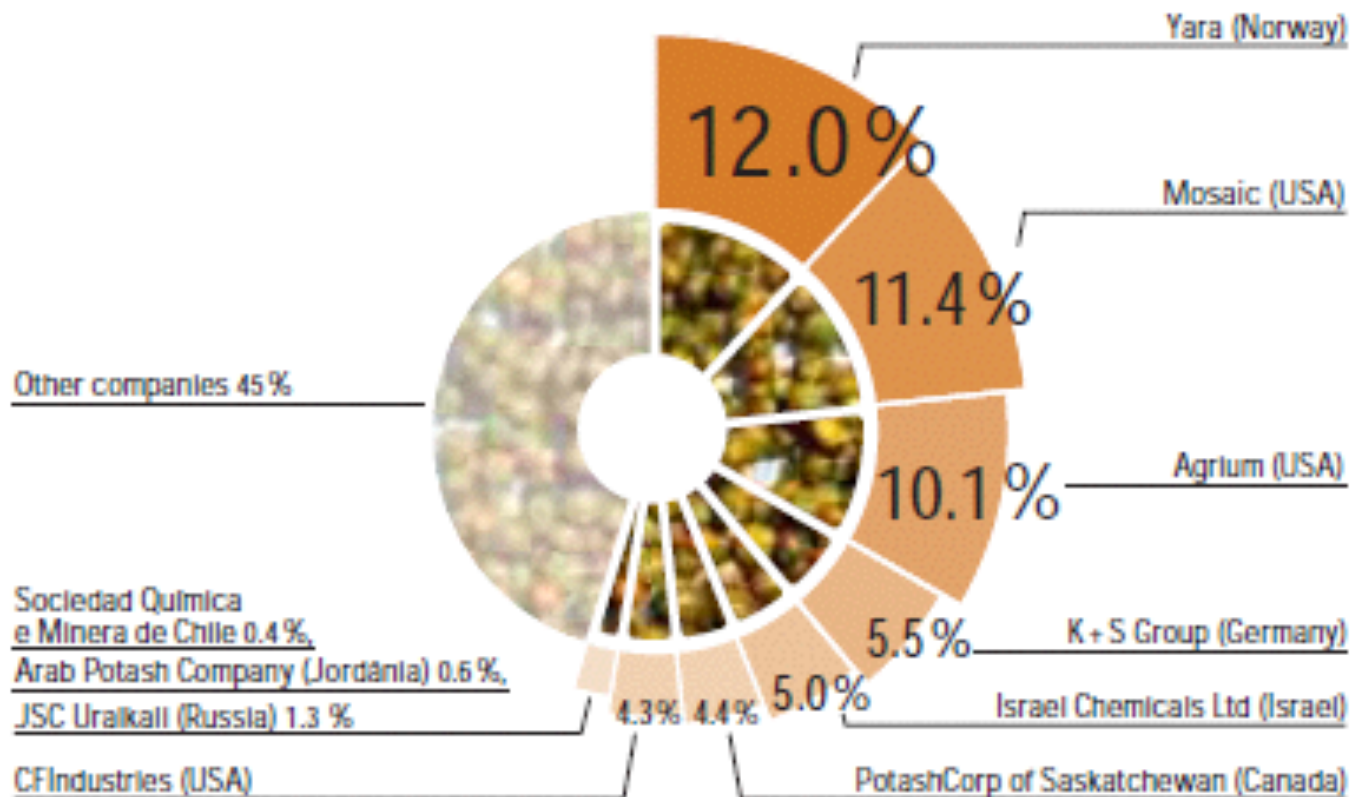
With the concentration of breeding companies, the number of breeding lines on the market is drastically

reduced and the animals are more and more similar genetically. A single breeding cock may have up to 28 million descendants, a breeding bull up to 1 million. With regard to cat-

tle and pigs, the genes of many millions of animals have an "effective population size", as geneticists say, of fewer than 100 animals. The corresponding figure for poultry is

confidential business information held by the four remaining chicken breeders. Just two dozen breeding lines are available. Most of the genetic diversity has been irretrievably lost.

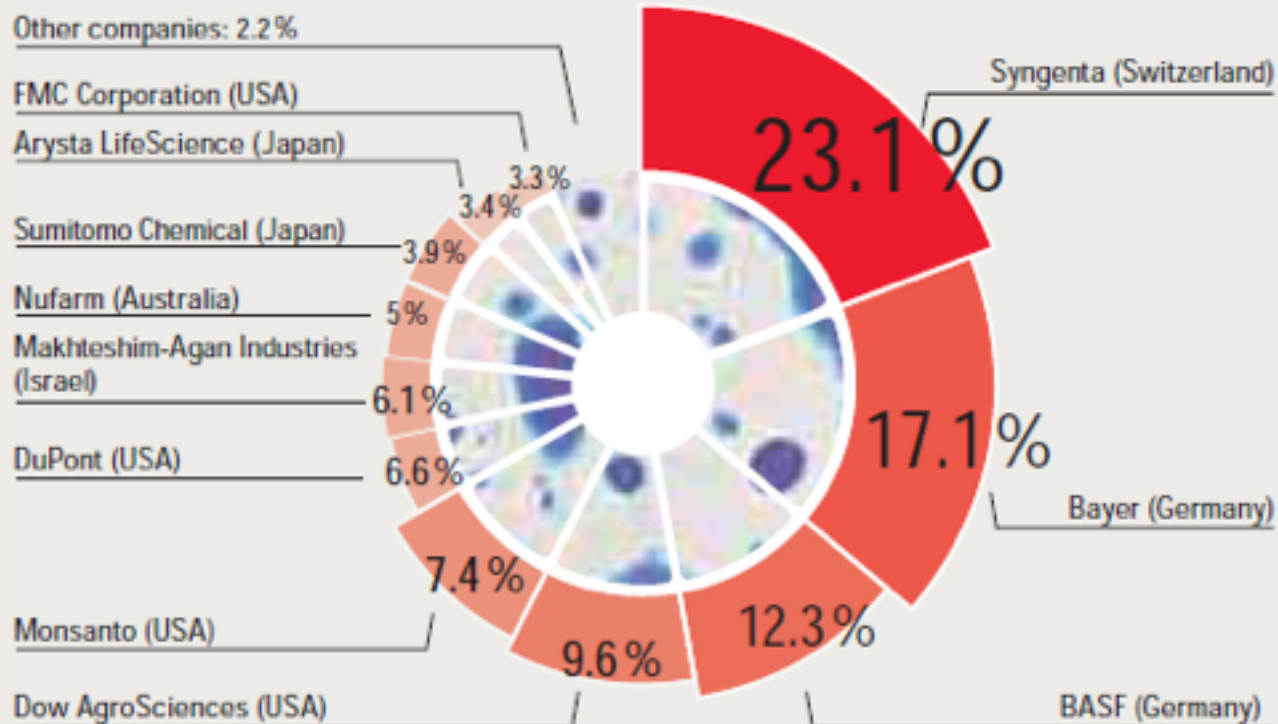
TOP 10 fertiliser corporations



The Top 10 in the fertiliser industry had a market share of around 55% in 2009

Sources: websites of corporations

TOP 11 pesticide corporations



Total turnover of pesticides is estimated to be US\$ 44 billion.

In 2011, the market share of the Top 10 was 95% (and 98% for the Top 11).

Source: ETC Group 2013

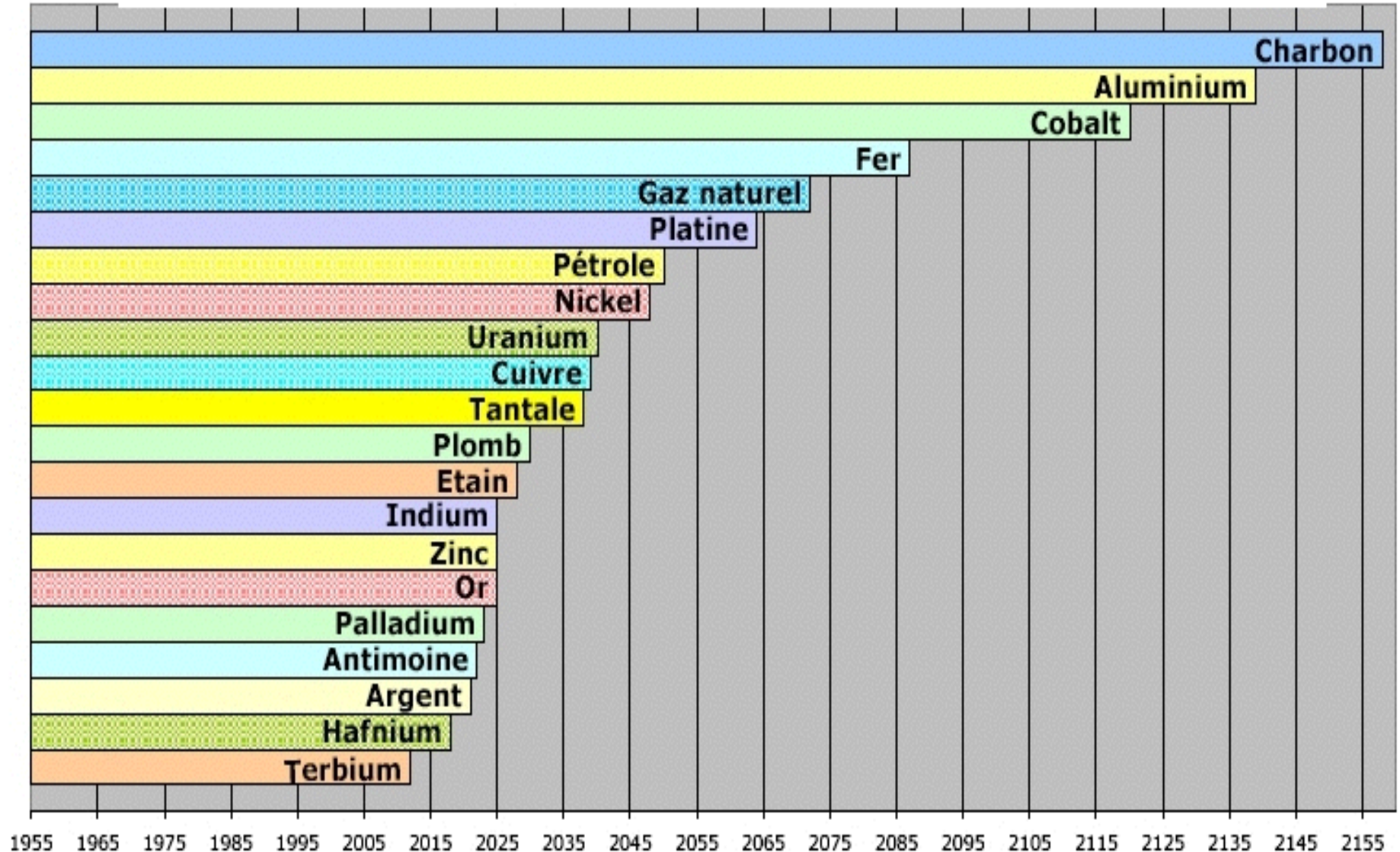






La crisis energética

Dates d'épuisement des richesses exploitables de notre planète au rythme actuel de consommation

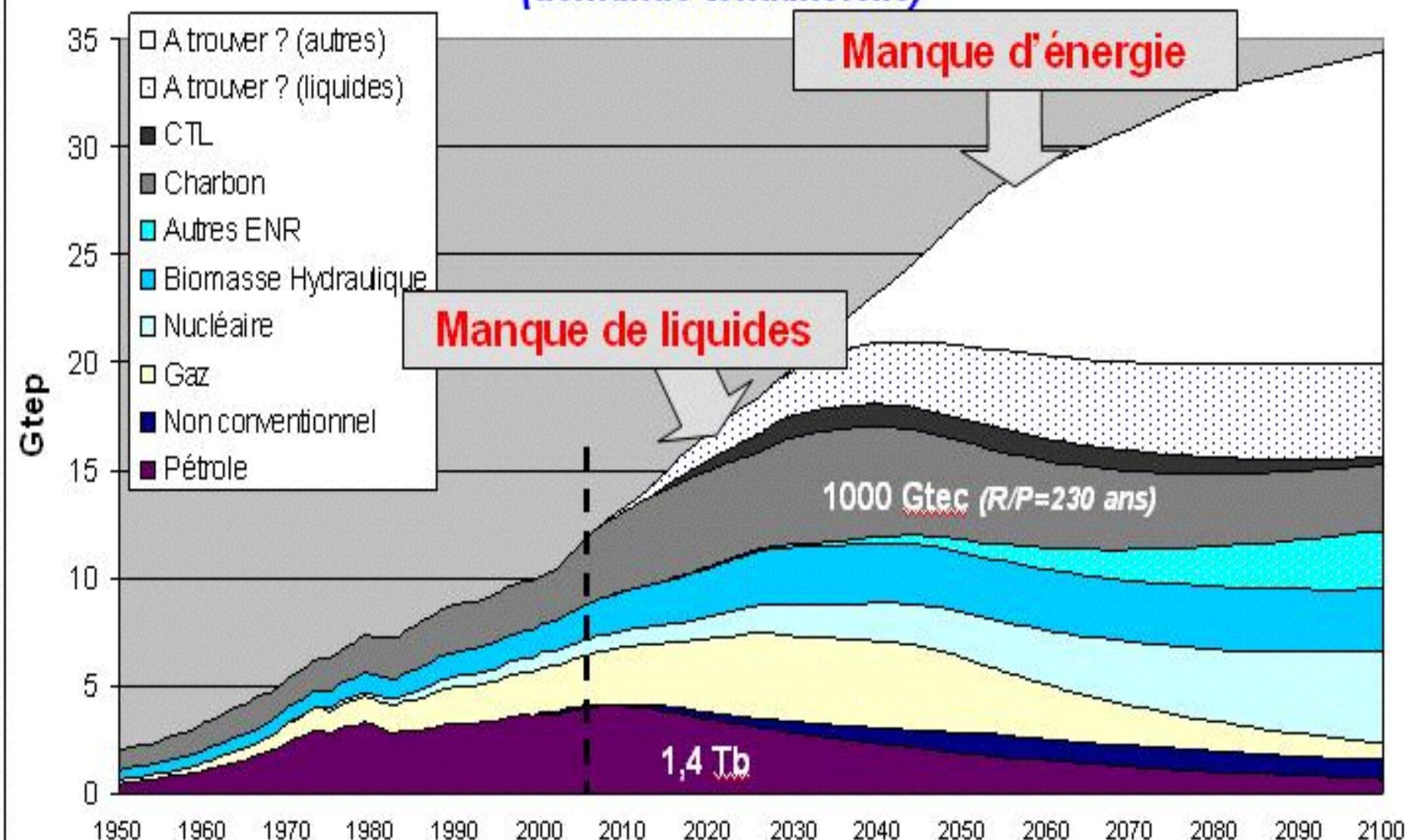


Evolution de la consommation énergétique dans le monde entre 1983 et 2008.

A decorative graphic consisting of several overlapping, wavy blue lines that create a sense of movement and flow, positioned horizontally across the top of the page.

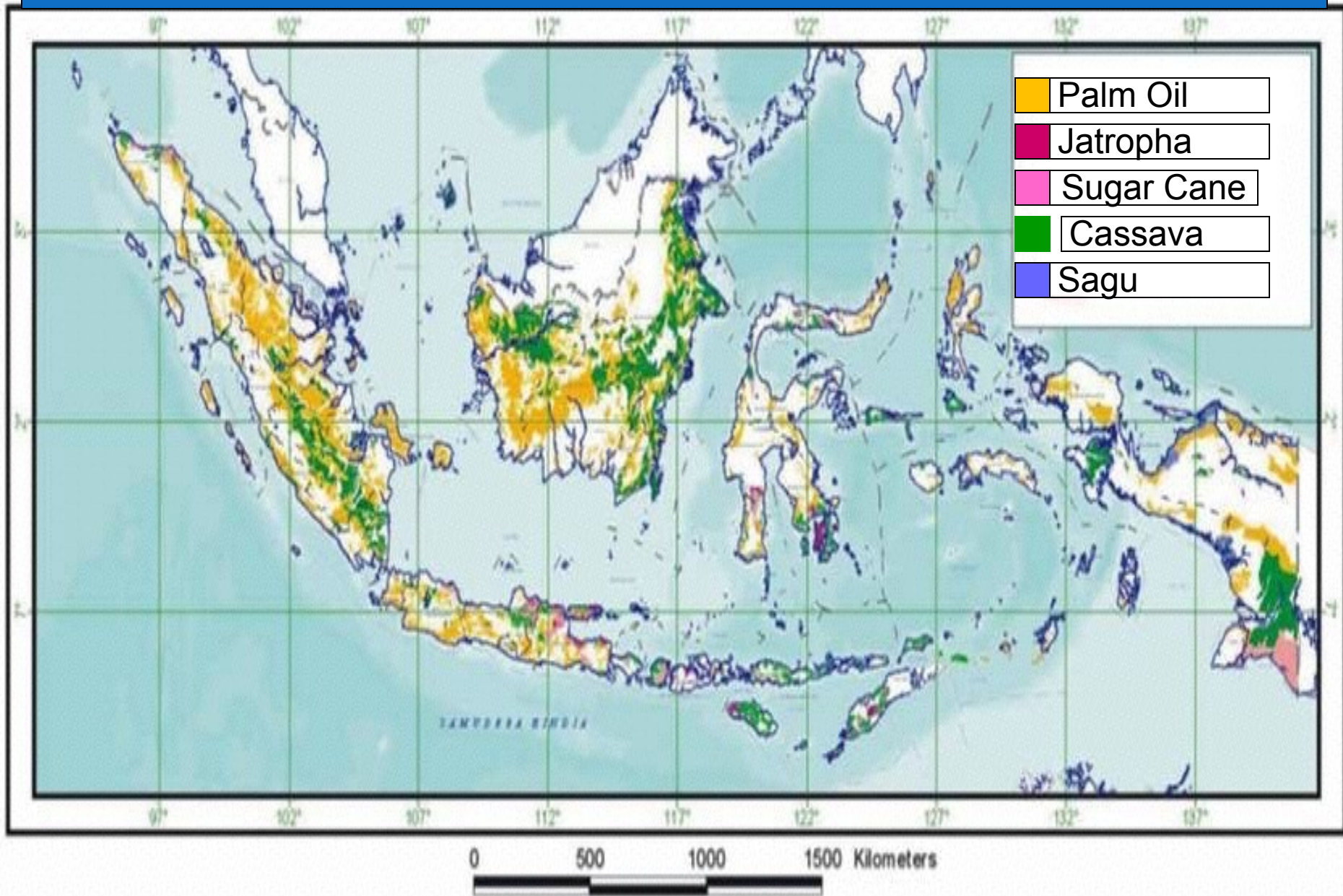
Quelles énergies pour demain ?

(demande tendancielle)



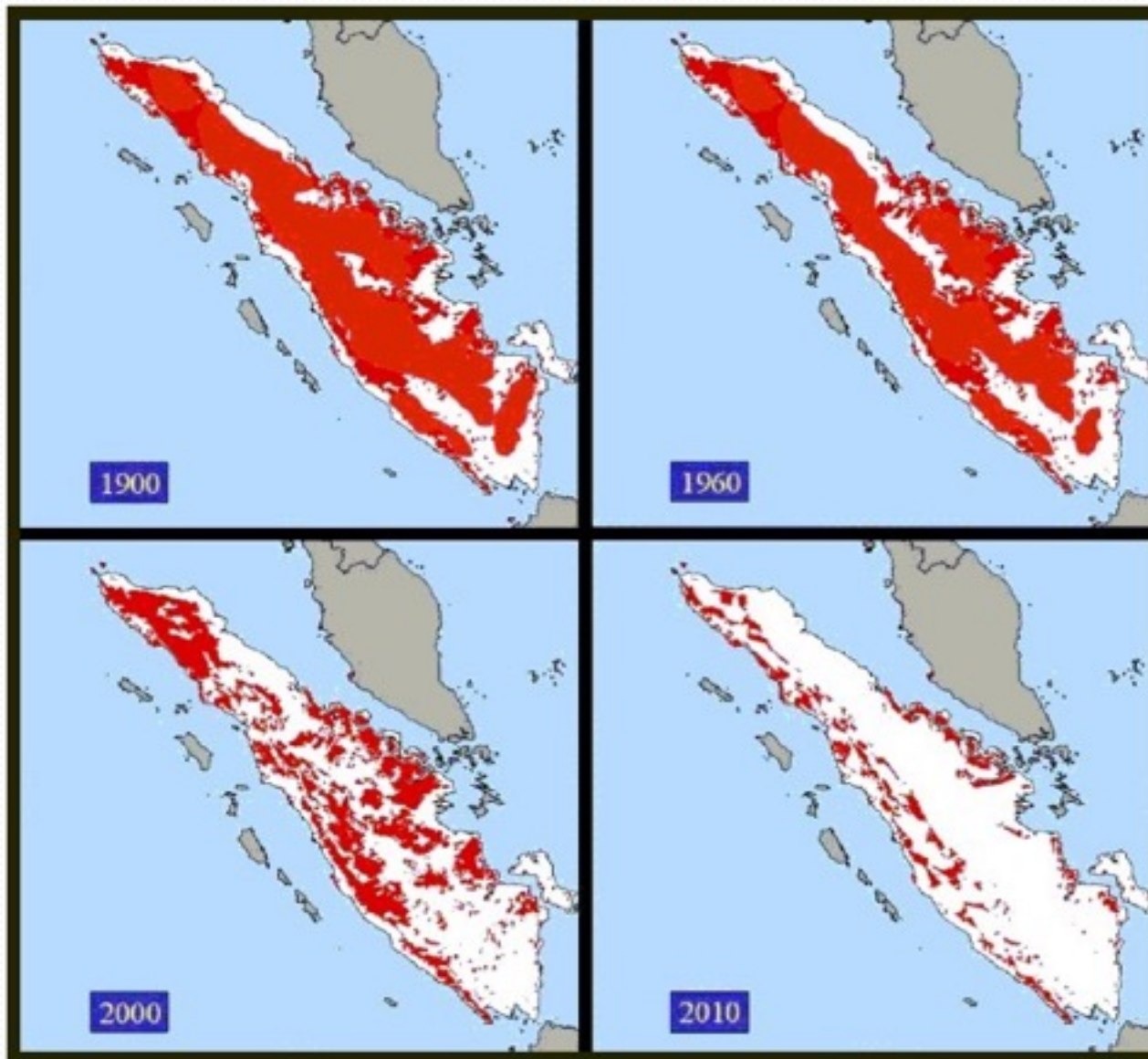


EXPANTION AGROFUEL IN INDONESIA



IMPACT OF OIL PALM EXPANSION

Deforestation



Forest

Land fires and haze

Land, water and air, pollution







The loss of food sovereignty

Persistent conflicts between plantation companies and local communities





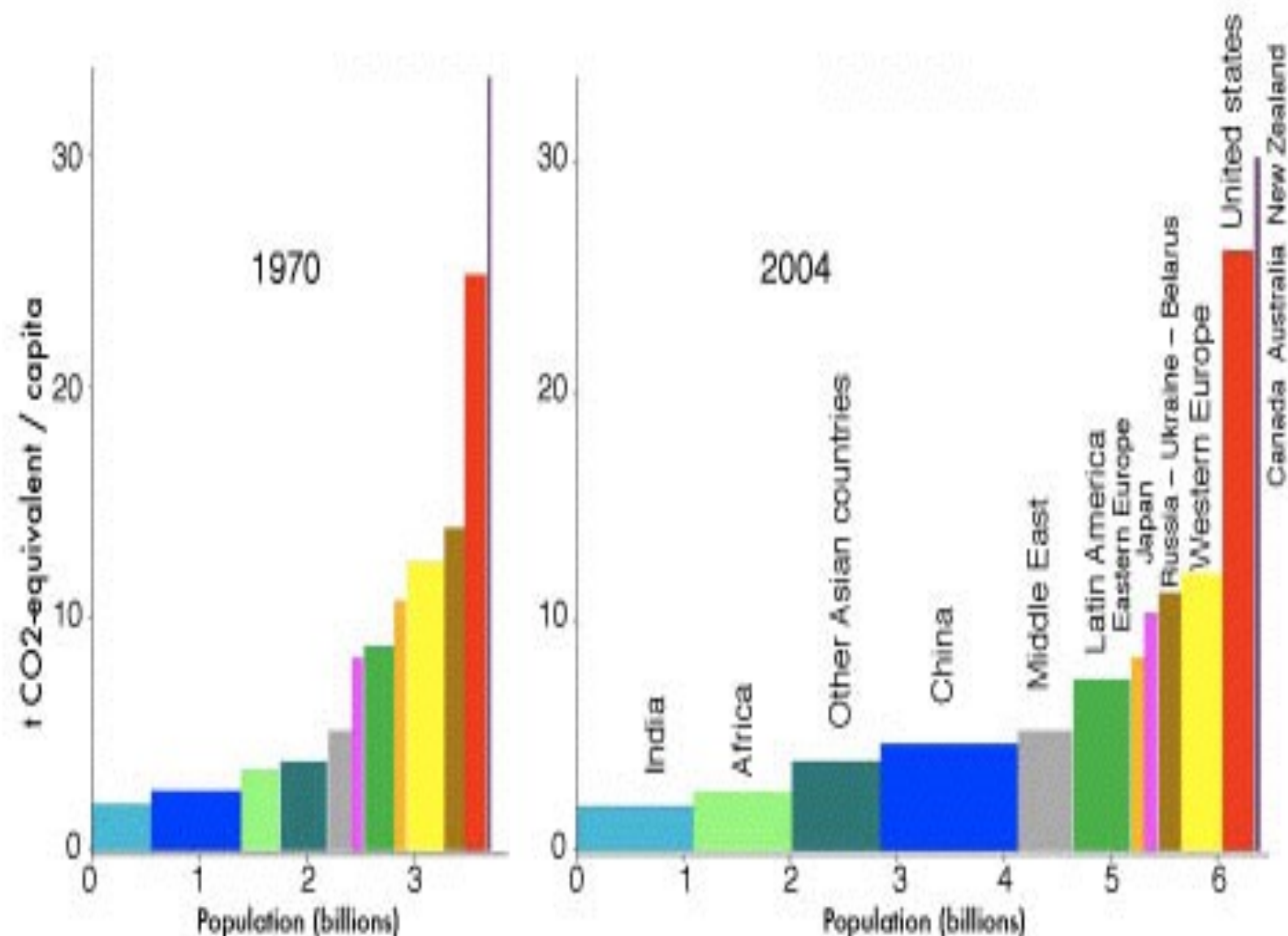
La crisis climática



Evolución de las emisiones de gases de efecto invernadero, de la temperatura y del nivel de los océanos



14 - Climate change and the Belgian development cooperation policy





Carbon fat cats

Surplus EU carbon credits and value based on carbon price on 6 May 2011: €17.03



* The surpluses for these companies have been reduced to take into account estimates of waste gas permit use

SOURCE: SANDBAG

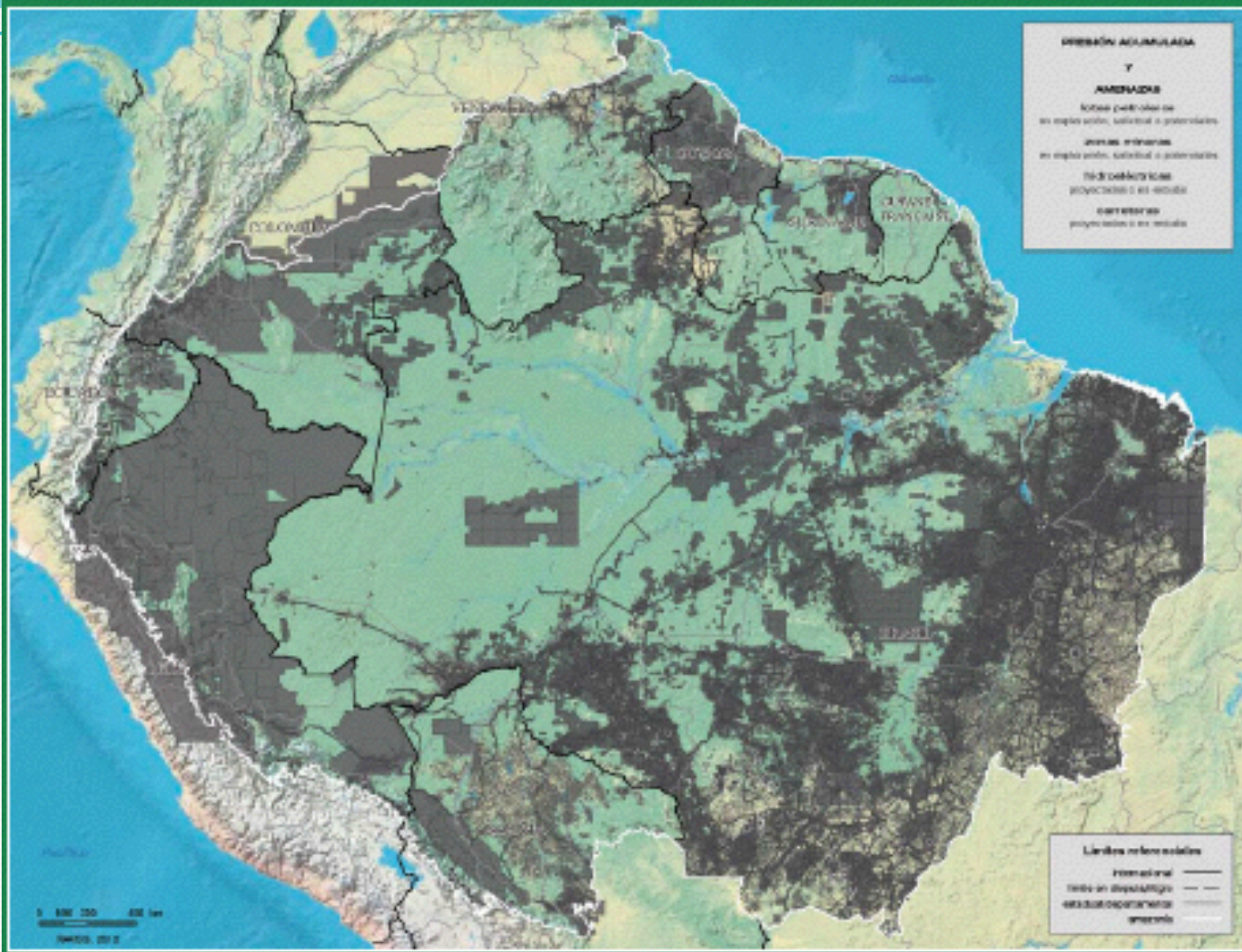


Deforestación en el Sur Global en décadas recientes

Fuente: Millenium Ecosystem Assesment, The Global Canopy Foundation (2008)



Cartograma2. Amazonía: presión acumulada y amenazas









Carajás, la mayor mina de hierro del mundo a cielo abierto, Pará, Brasil.

© Paulo Santos, 1999









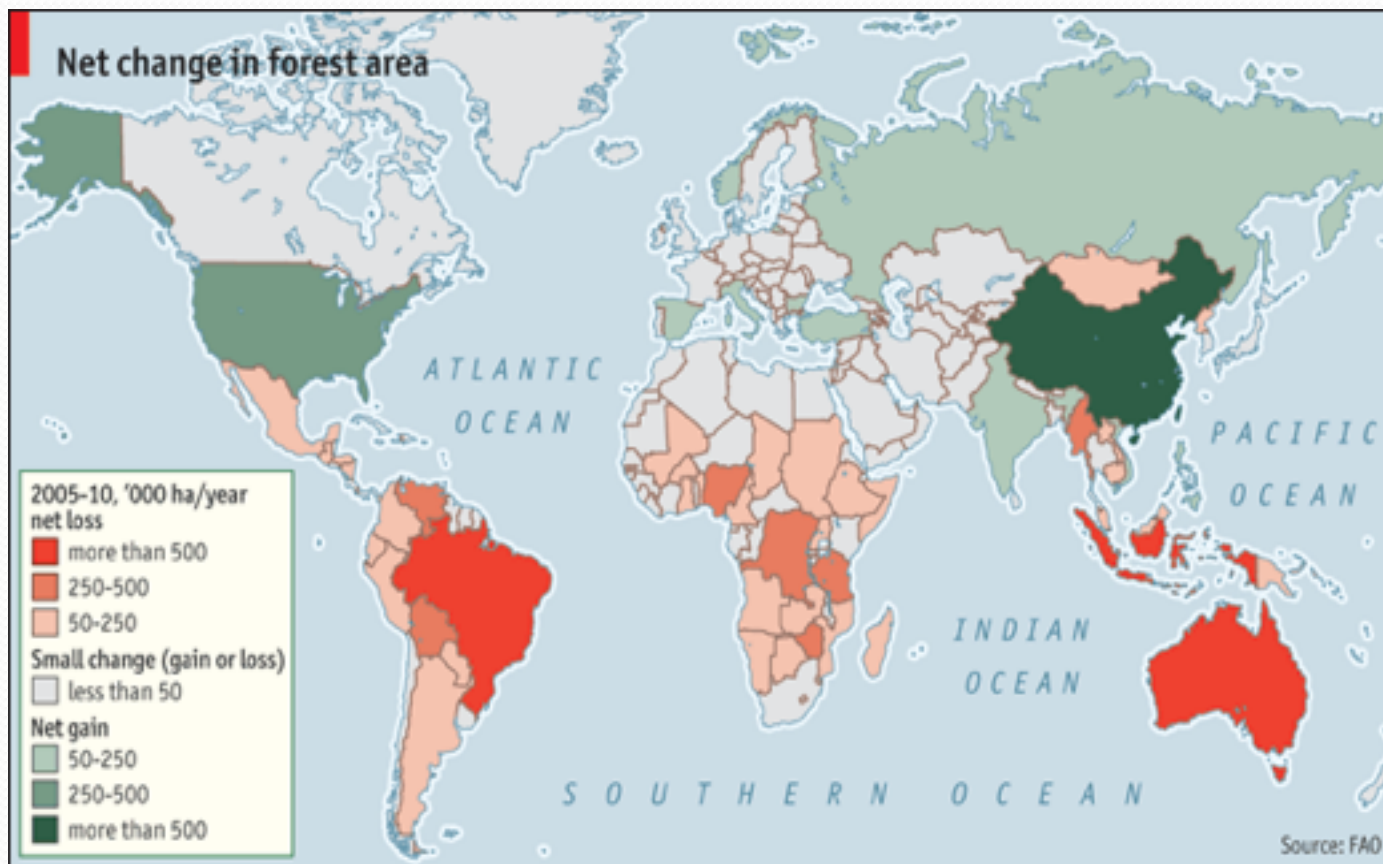
Cosecha mecanizada de soya, Campo Verde, Mato Grosso, Brasil.

© Paulo Fridman/Pulsar Imagens, 2008





Cambio en áreas forestales y pérdida de hectáreas anuales por país

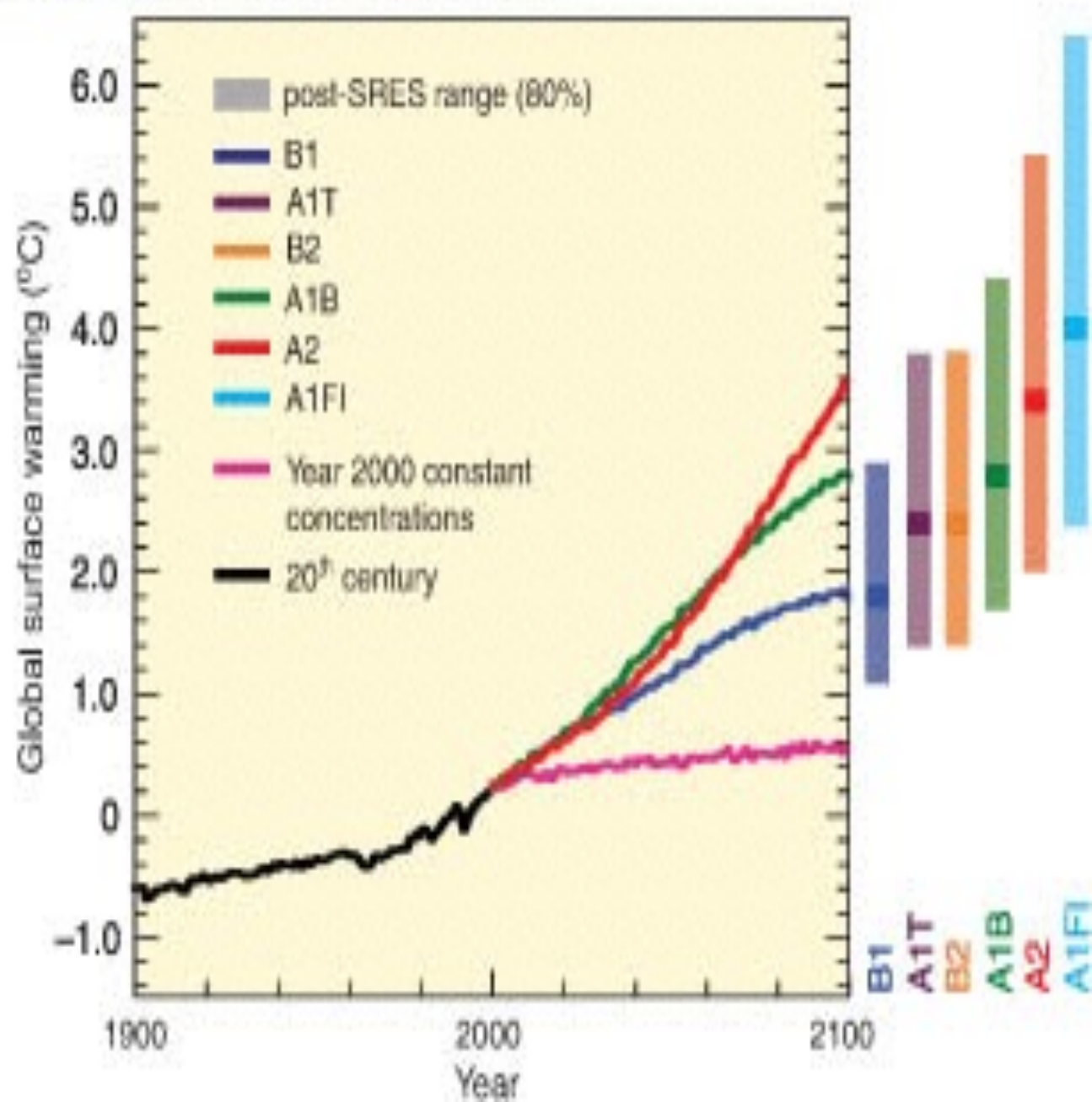
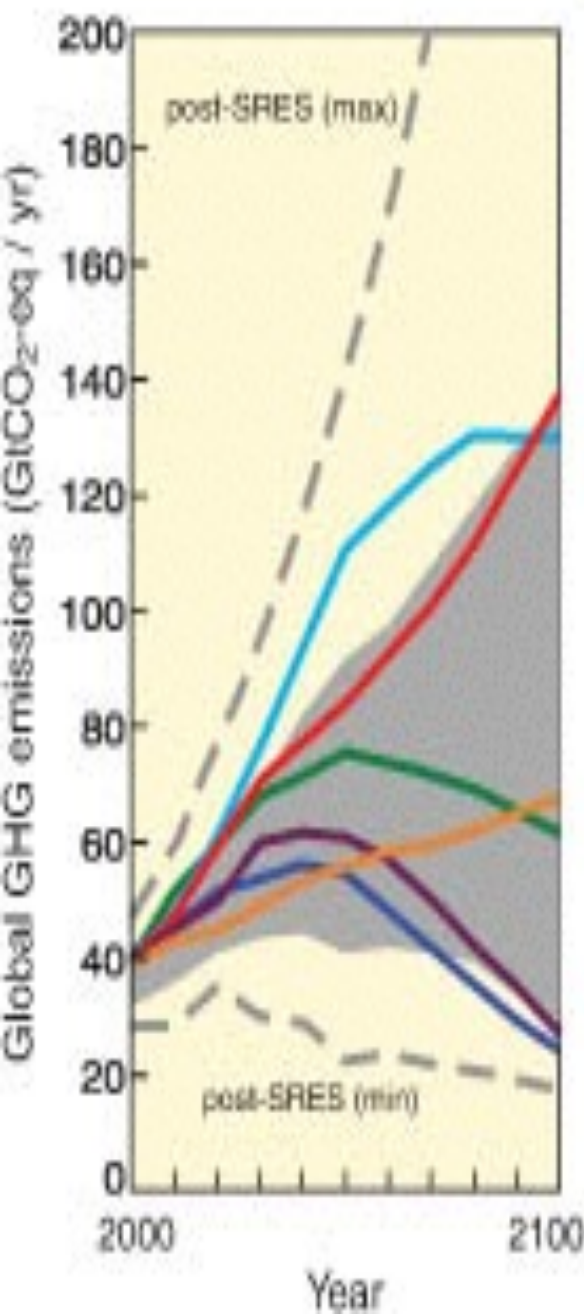


Fuente: FAO

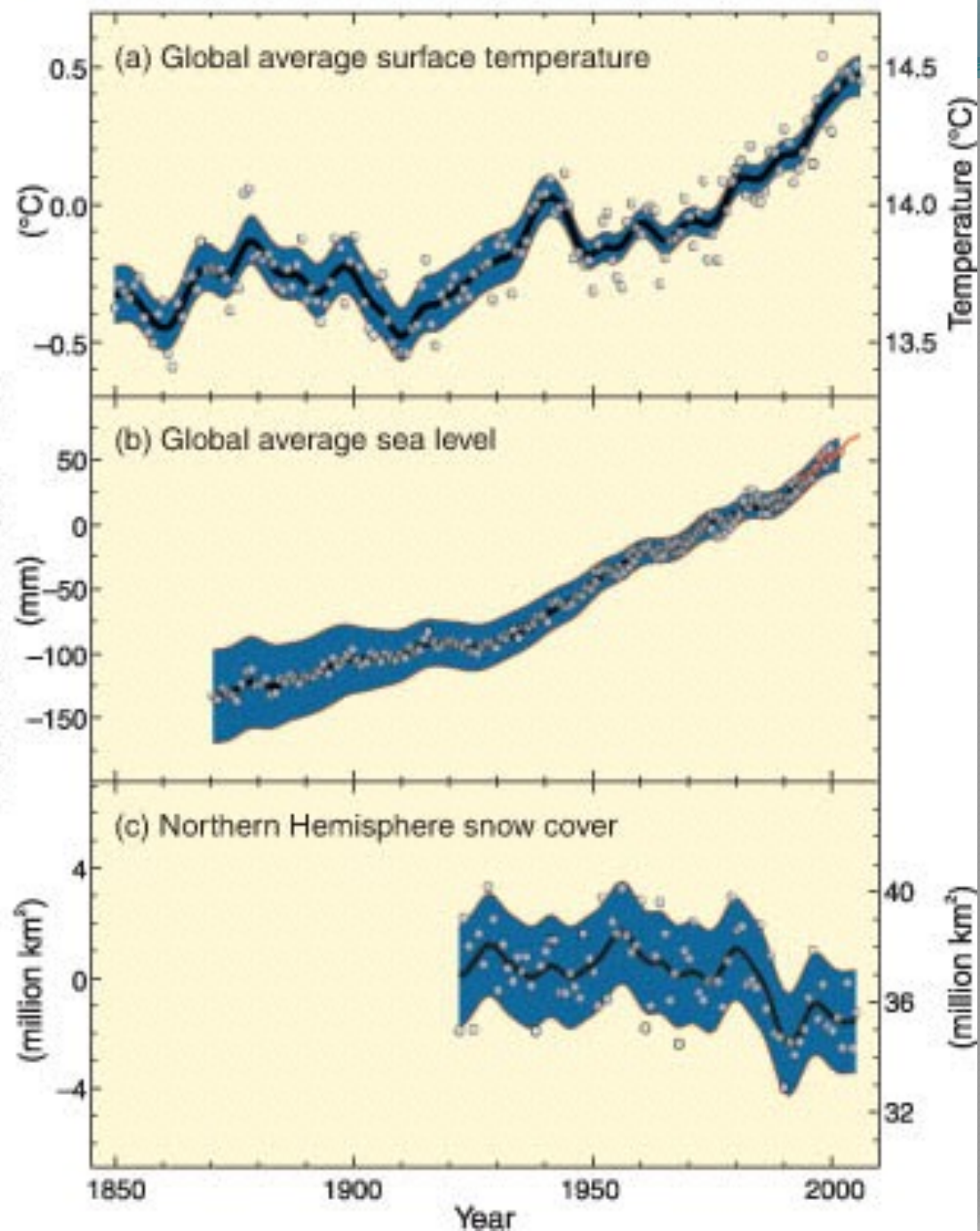




Scenarios for GHG emissions from 2000 to 2100 (in the absence of additional climate policies)
and projections of surface temperatures



Difference from 1961–1990





Los gastos militares

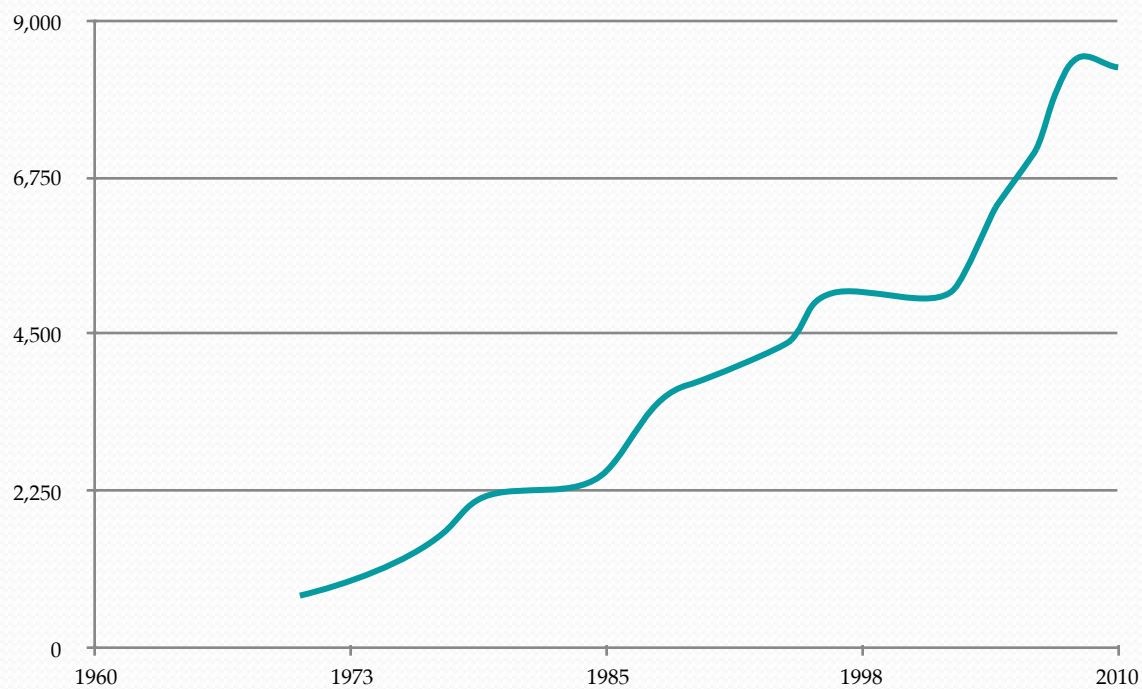






Distribución de los ingresos en el mundo.

PIB por Habitante (dólares 2010)



Naciones Unidas, Banco Mundial (IAEN)

Schéma dit de « la coupe de champagne »

Source : PNUD

