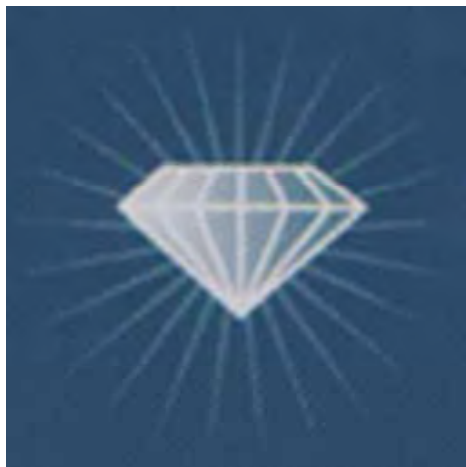




Αντικειμενικοί Στόχοι του Συνεδρίου της Σύρου

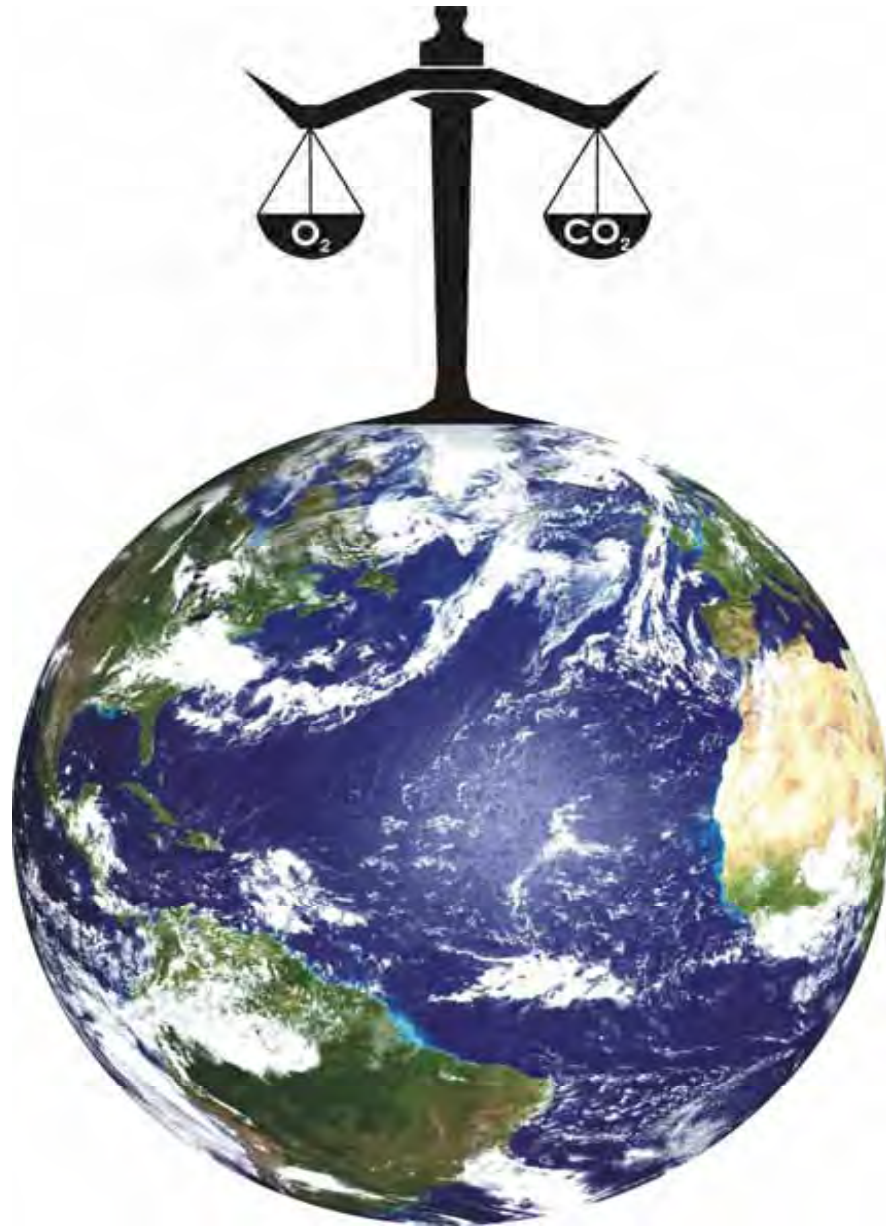
**«Το Ενεργειακό Πρόβλημα των Κυκλάδων:
Κρίσιμα Ερωτήματα και Προοπτικές»**

ΕΡΜΟΥΠΟΛΗ 20 – 21 ΙΟΥΝΙΟΥ 2008

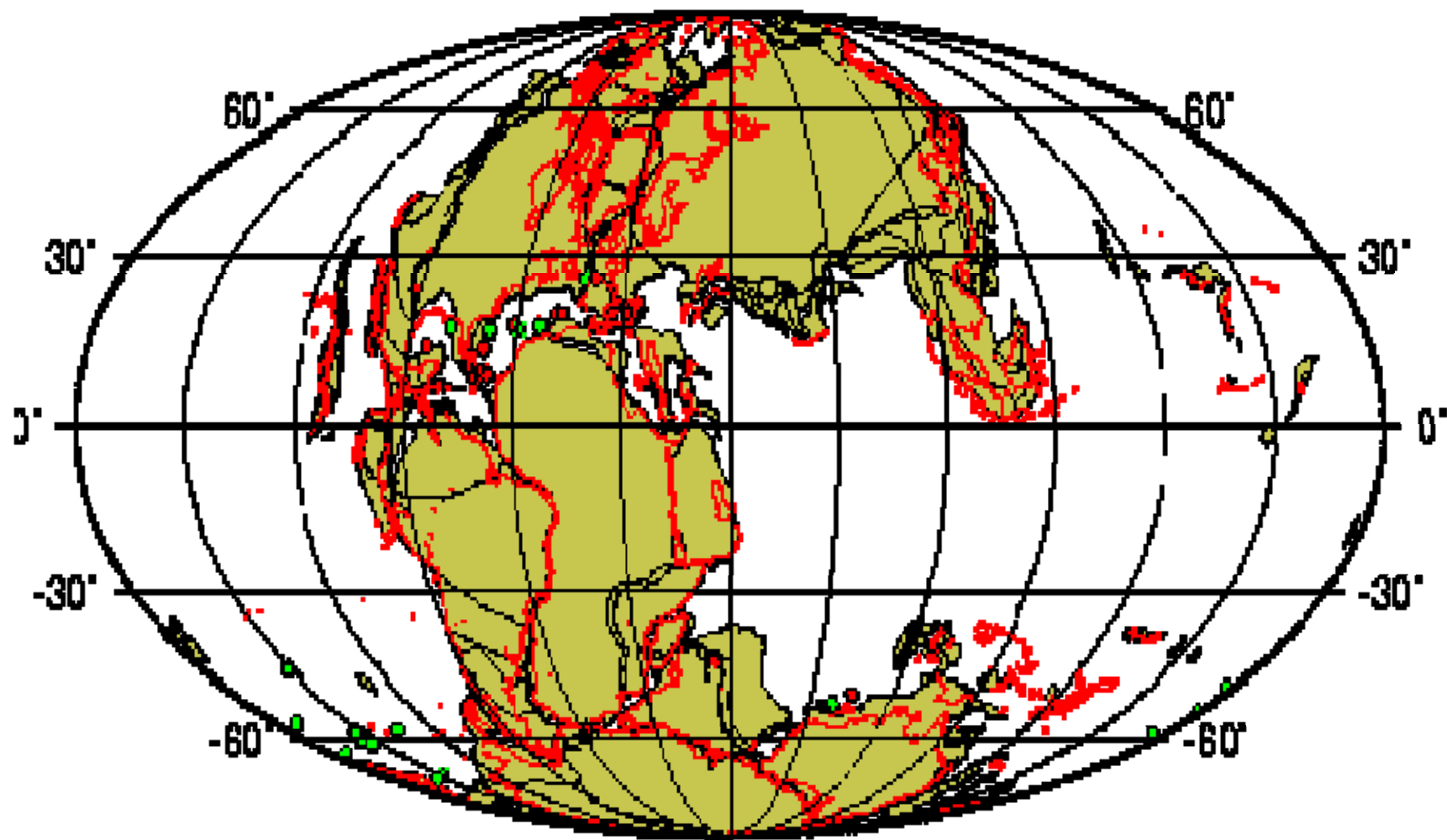
Δρ. Μάριος Πατσουλές



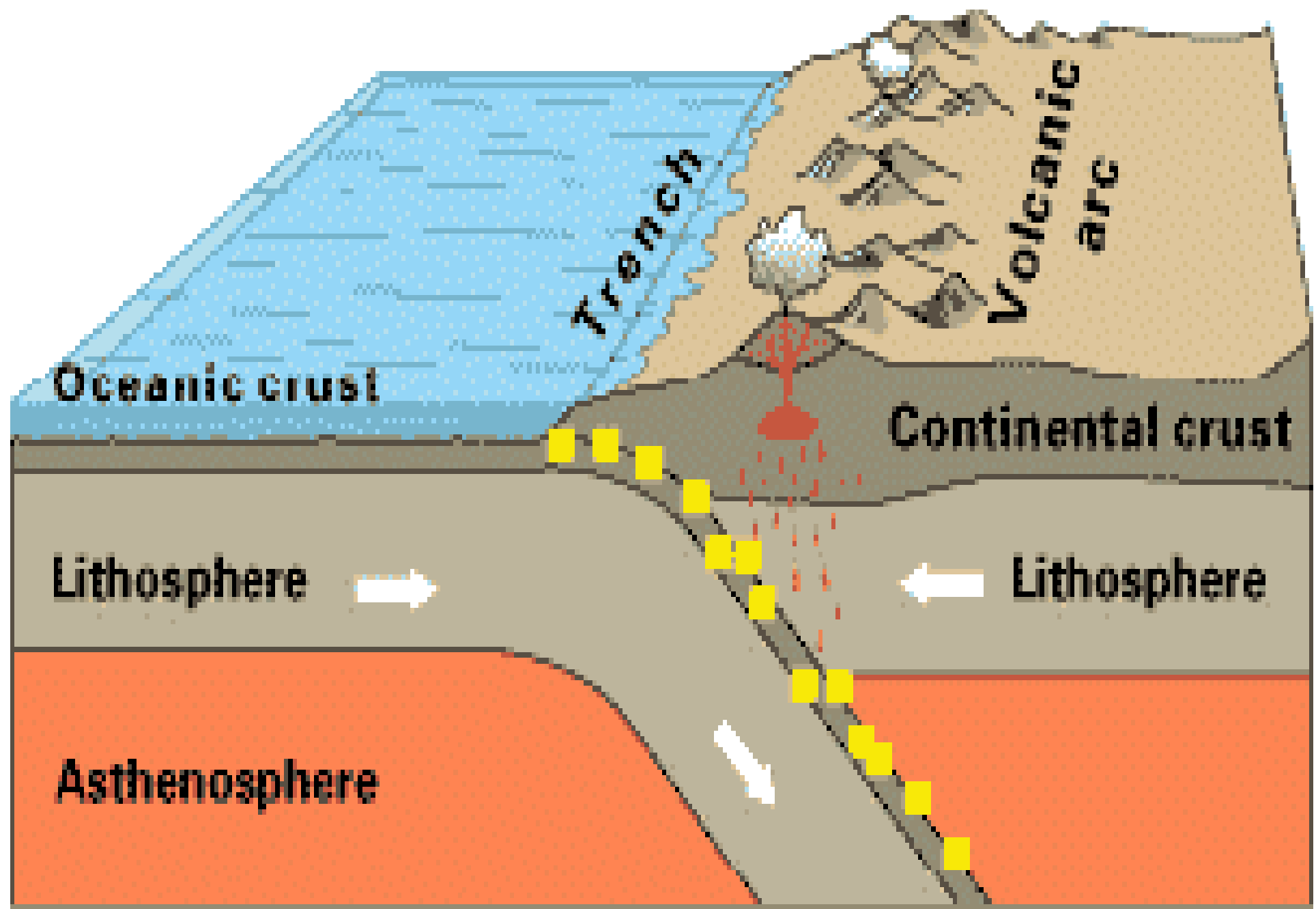
ΙΝΣΤΙΤΟΥΤΟ ΕΝΕΡΓΕΙΑΣ Ν.Α. ΕΥΡΩΠΗΣ



O_2 Vs CO_2 EQUILIBRIUM OF THE PLANET



150 My Reconstruction



Oceanic-continental convergence







Κ Υ Κ Λ Α Δ Ε Σ

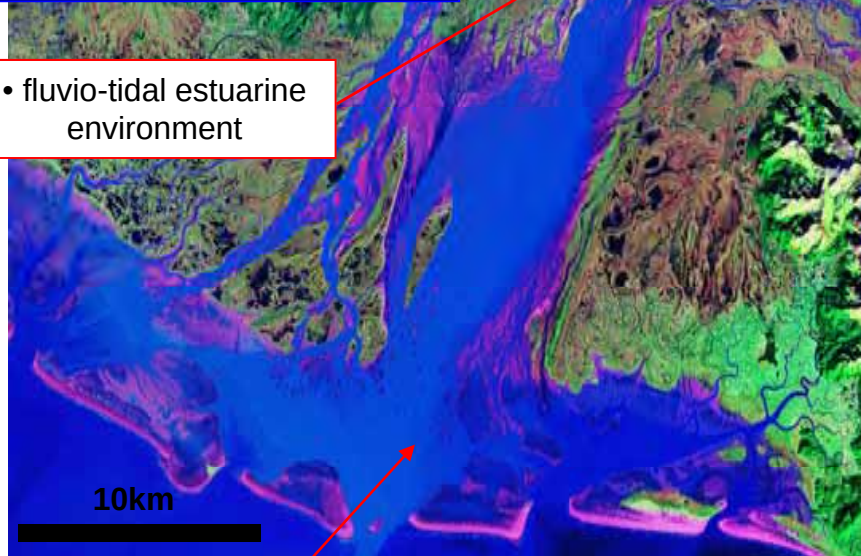




Depositional Environments – Memouniat



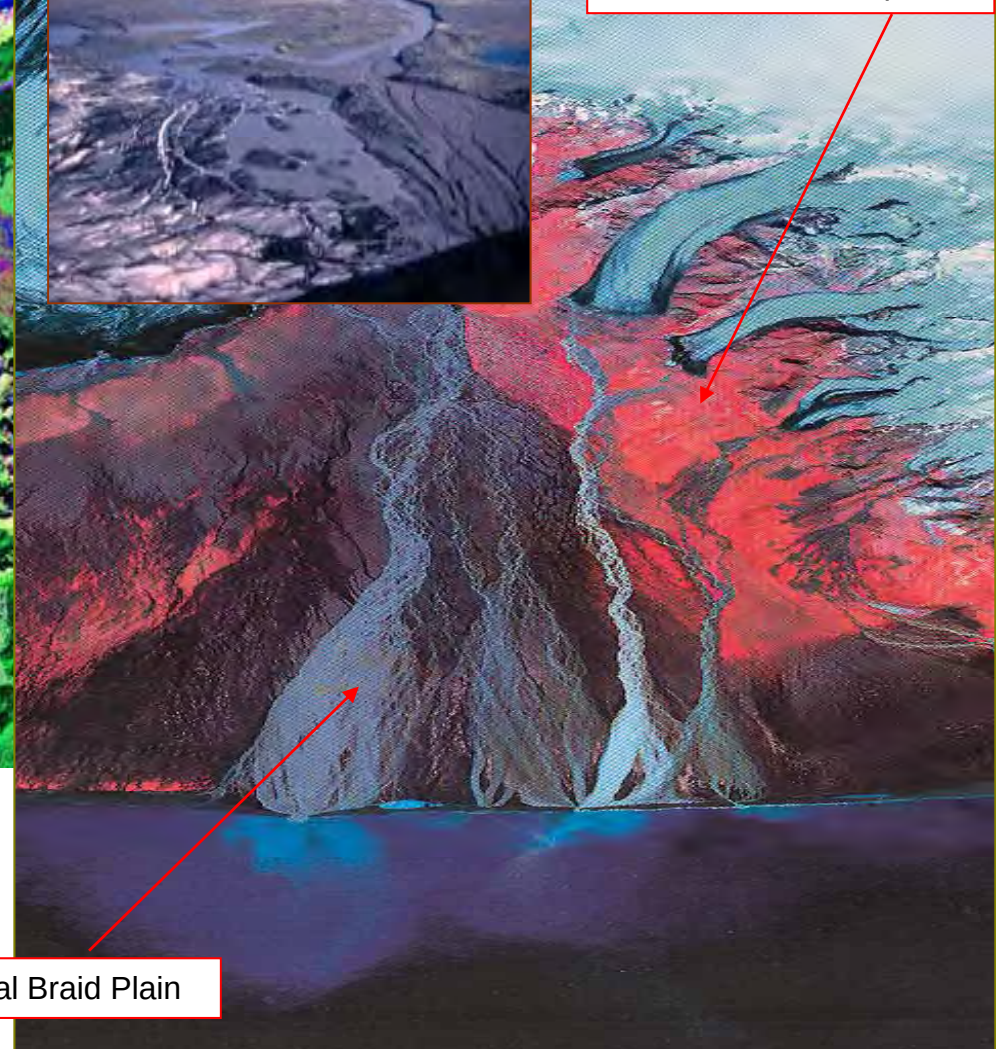
- fluvio-tidal estuarine environment



- transitional into proximal glaciomarine sandsheets, subtidal channels and bars



- Proximal Glacial – Alluvial/outburst deposits



- Glacial Braid Plain

Copper River Delta analogue

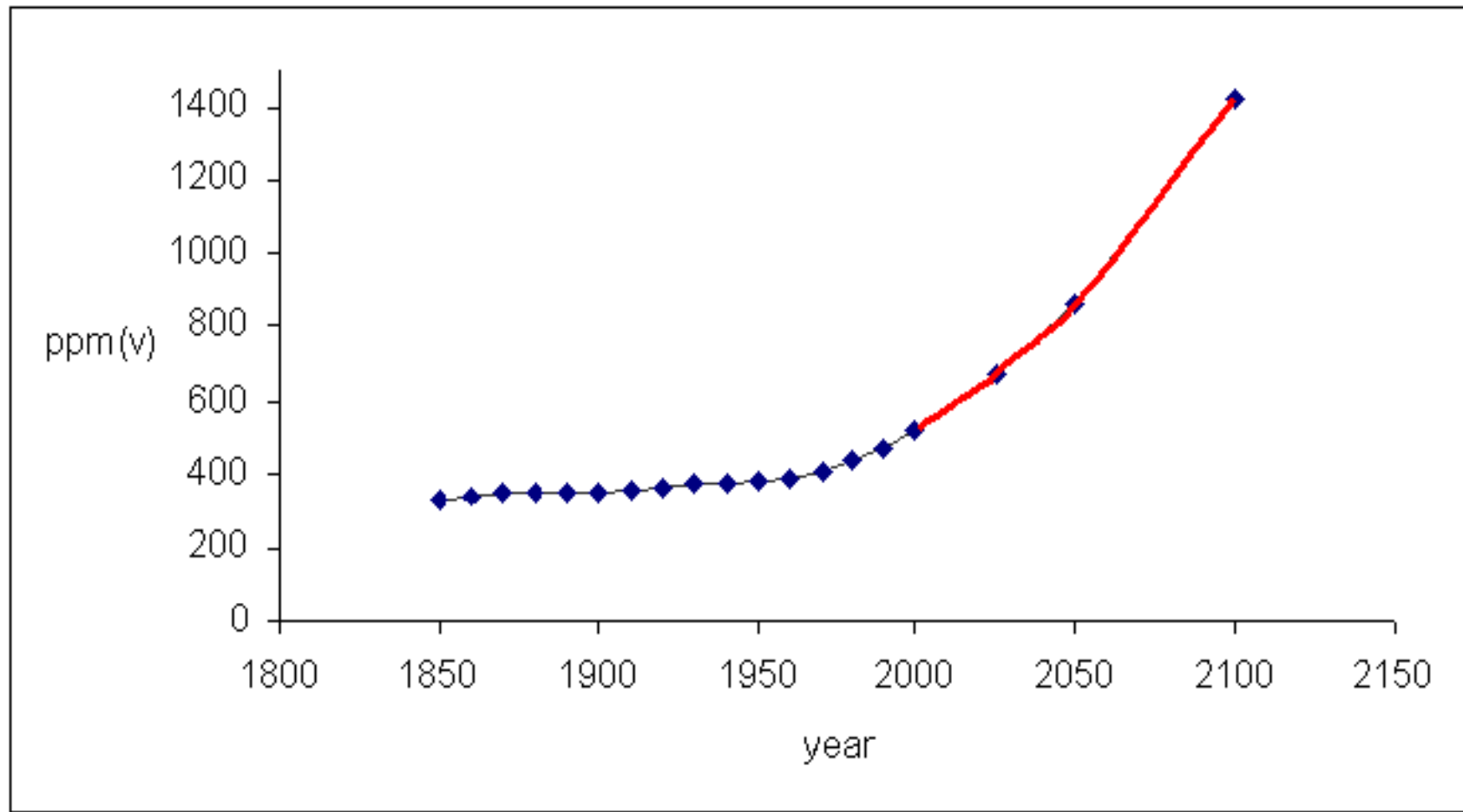


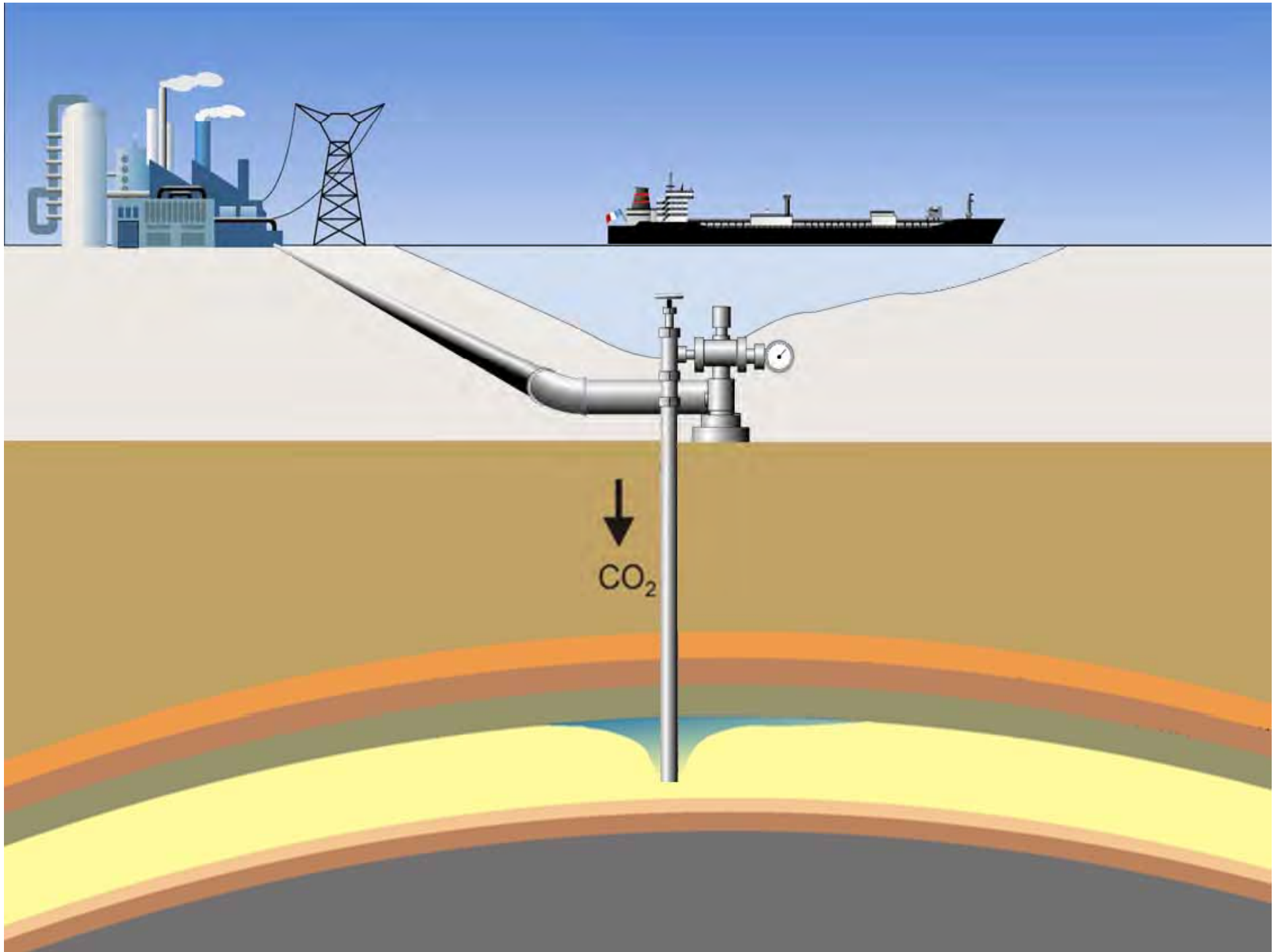
1928

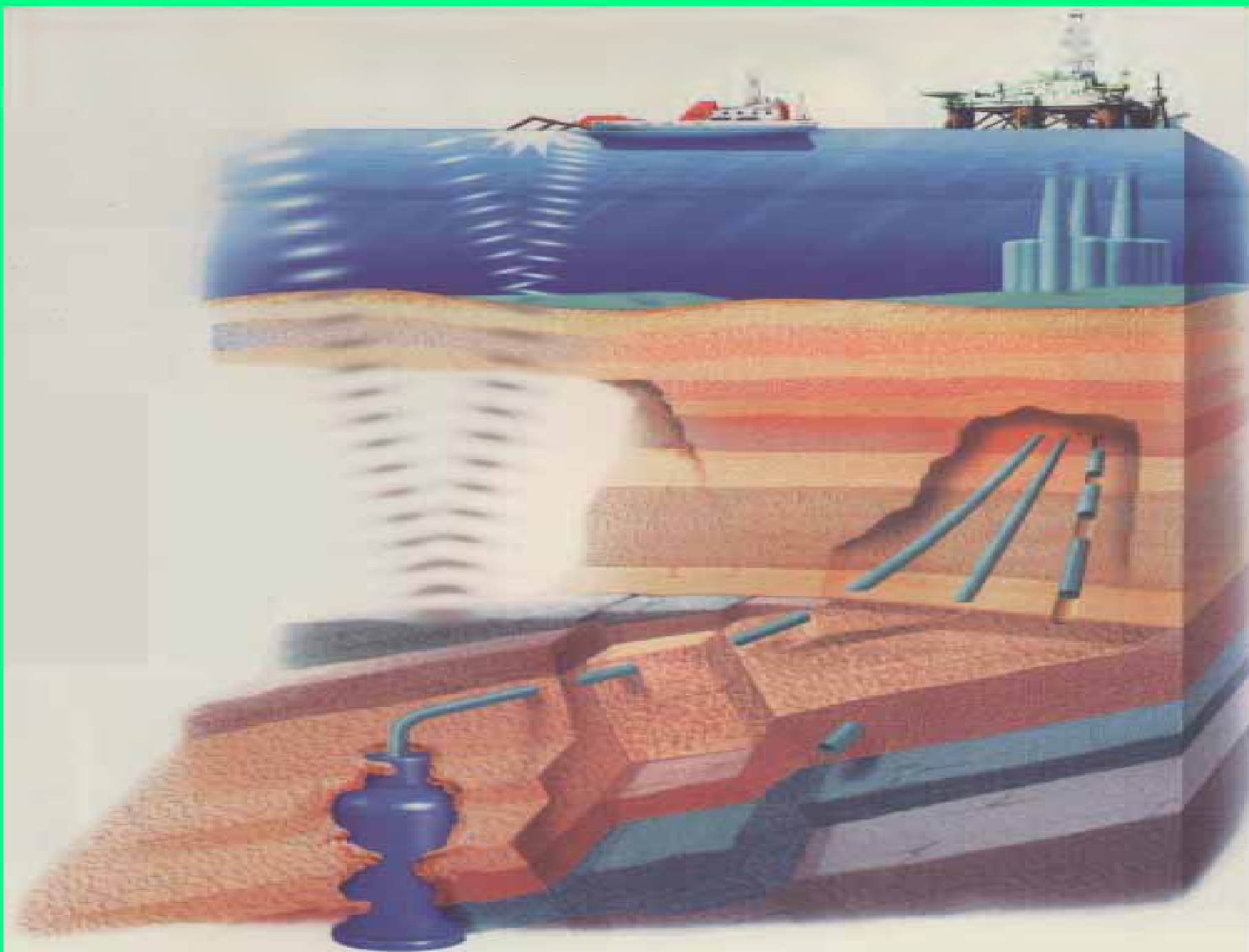




Total equivalent CO₂ concentration in the atmosphere as a function of time







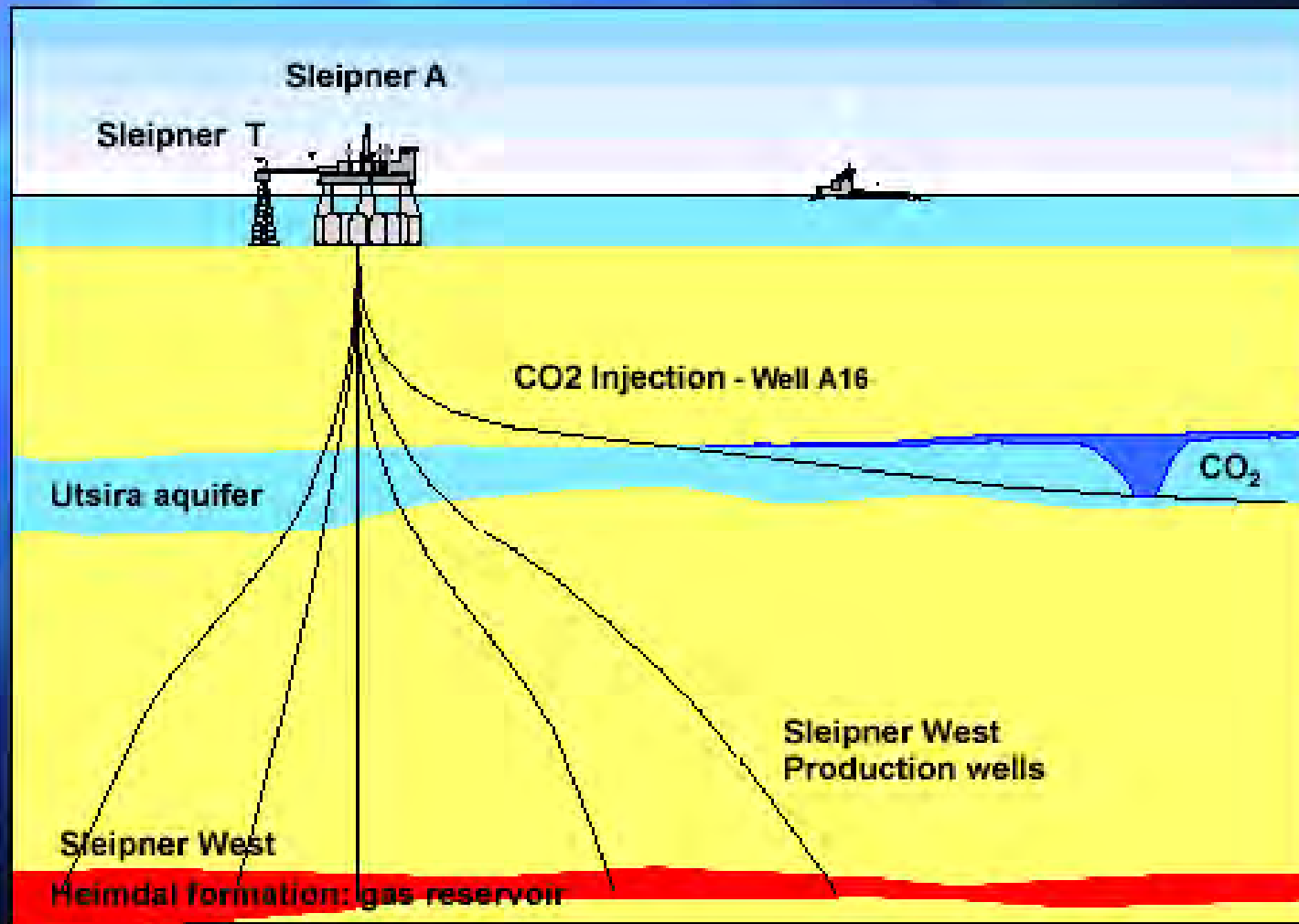
Storage in an aquifer: Sleipner/Utsira



The Sleipner field – CO₂ Treatment and Injection

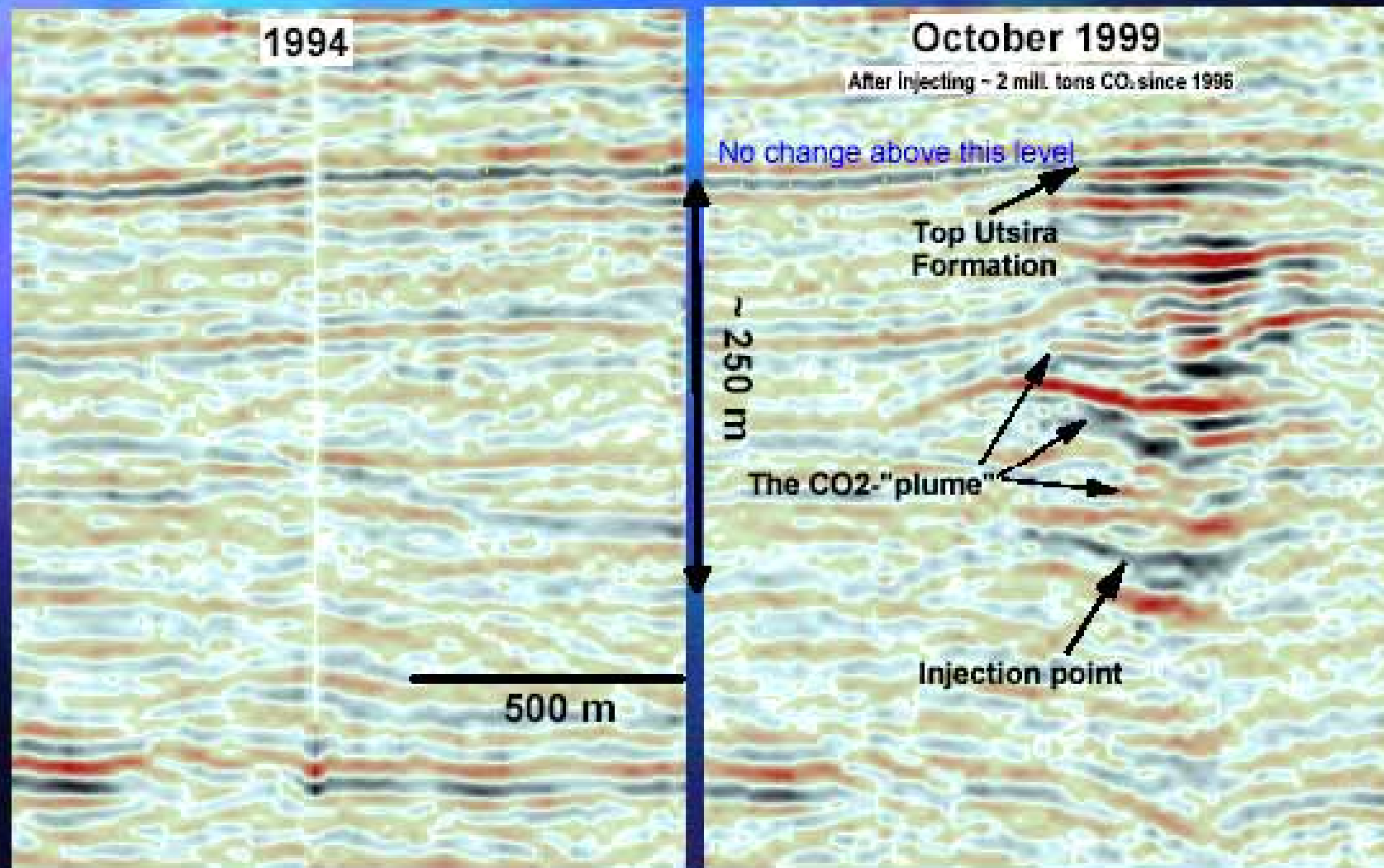


Storage in an aquifer: Sleipner/Utsira



Seismic survey of CO₂ injection

Sleipner CO₂ injection seismic monitoring - Preliminary comparison of 1994 and 1999 data



If we use a cloth bag,
we can save 6 bags a week



That's 24 bags a month



That's 22,176 bags
in an average life time

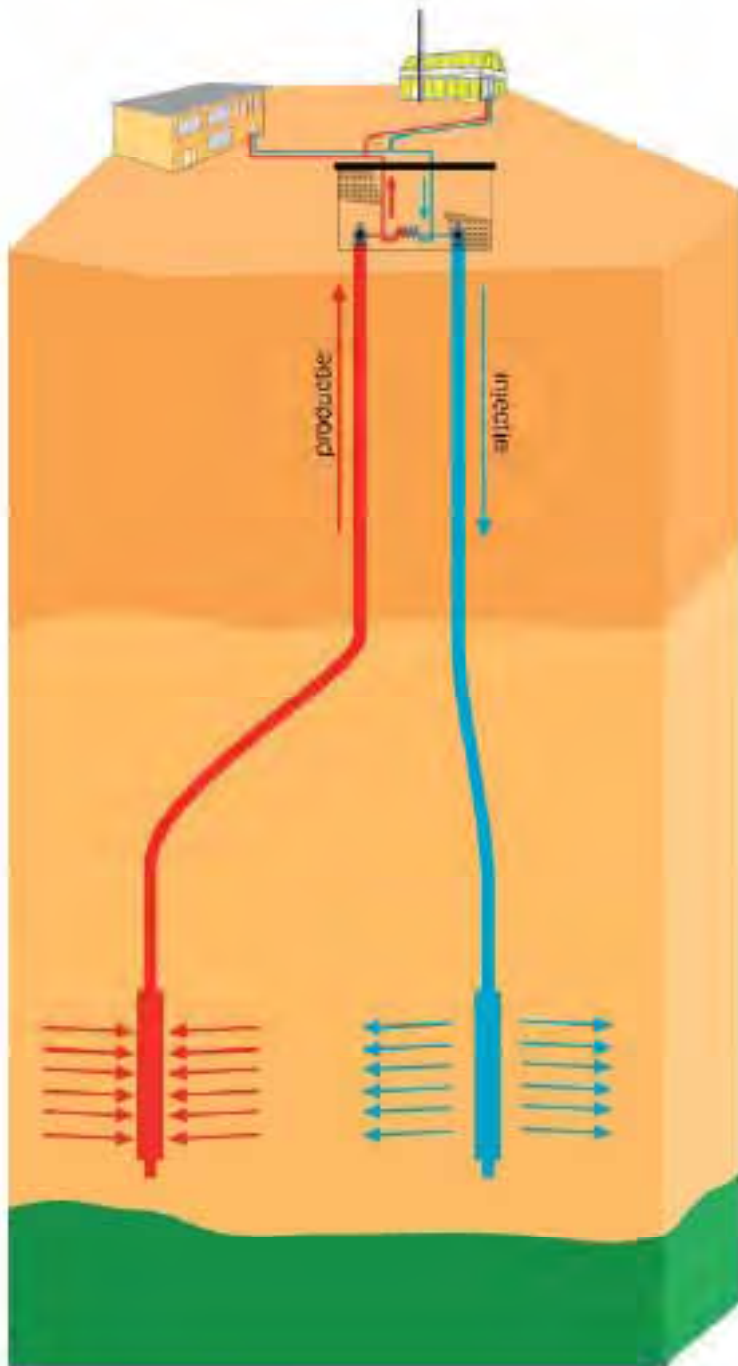


If just **1 out of 5** people in our country did this
we would save
1,330,560,000,000 bags
over our life time

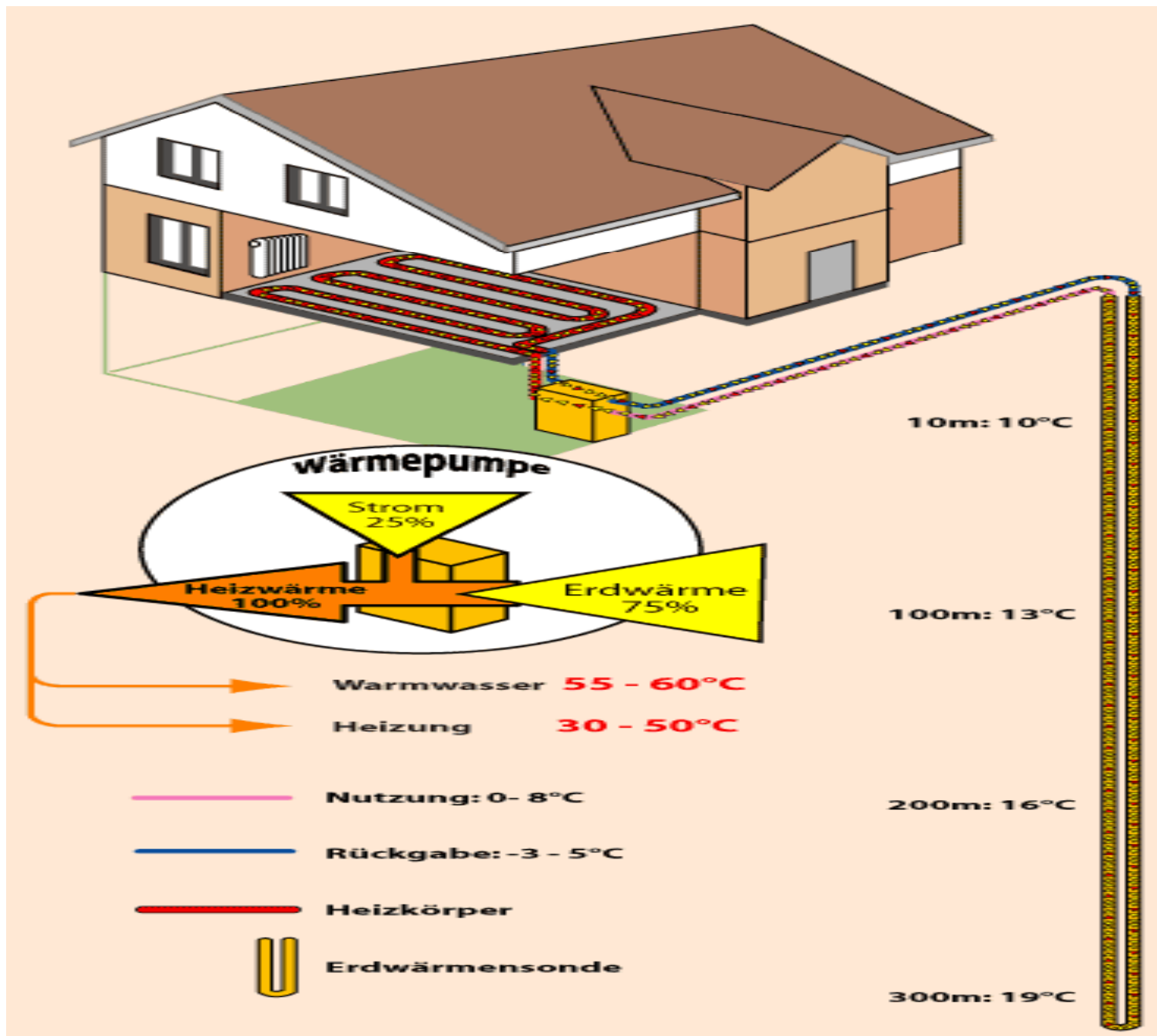


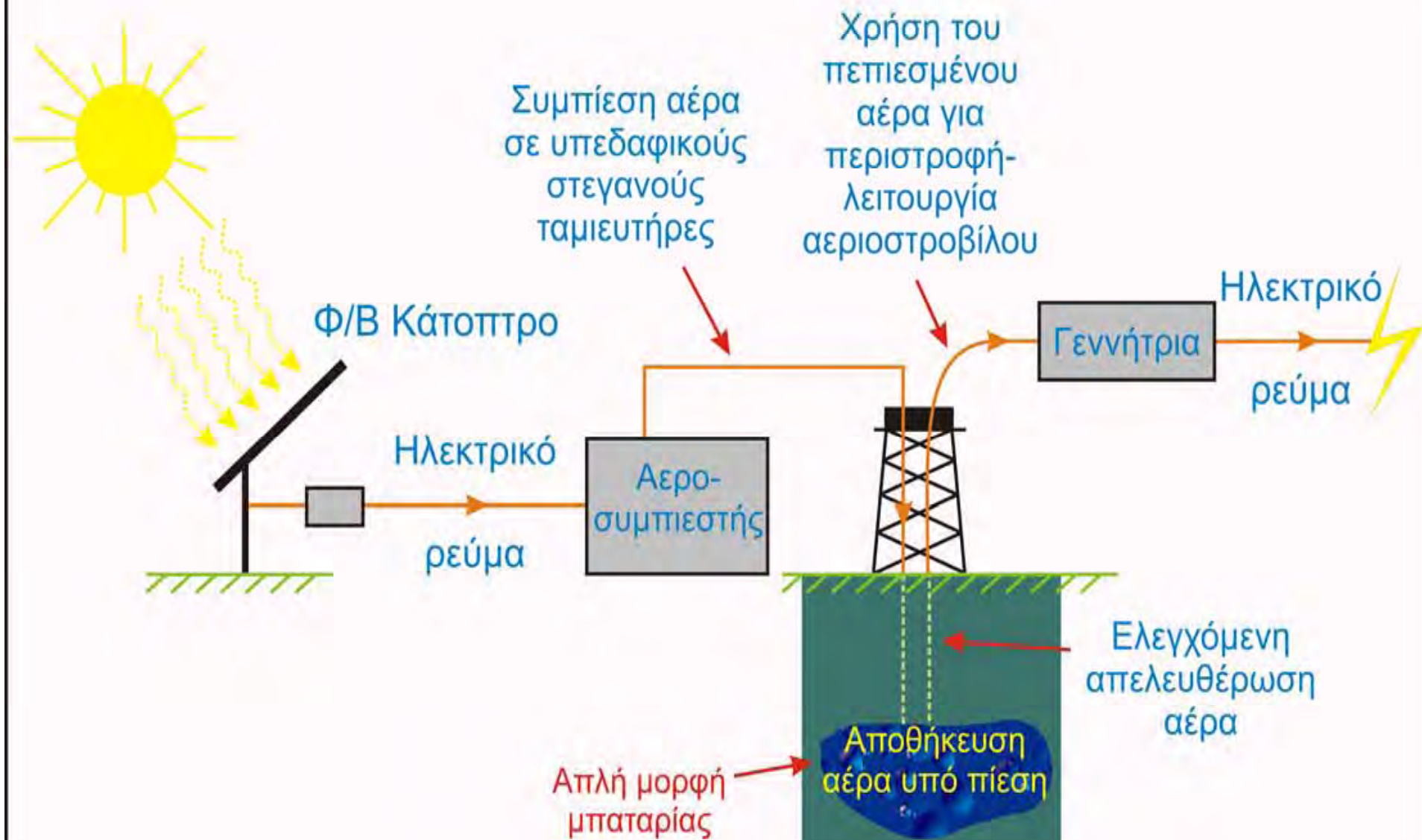
China will save 37 million barrels of oil each year due to their ban of free plastic bags





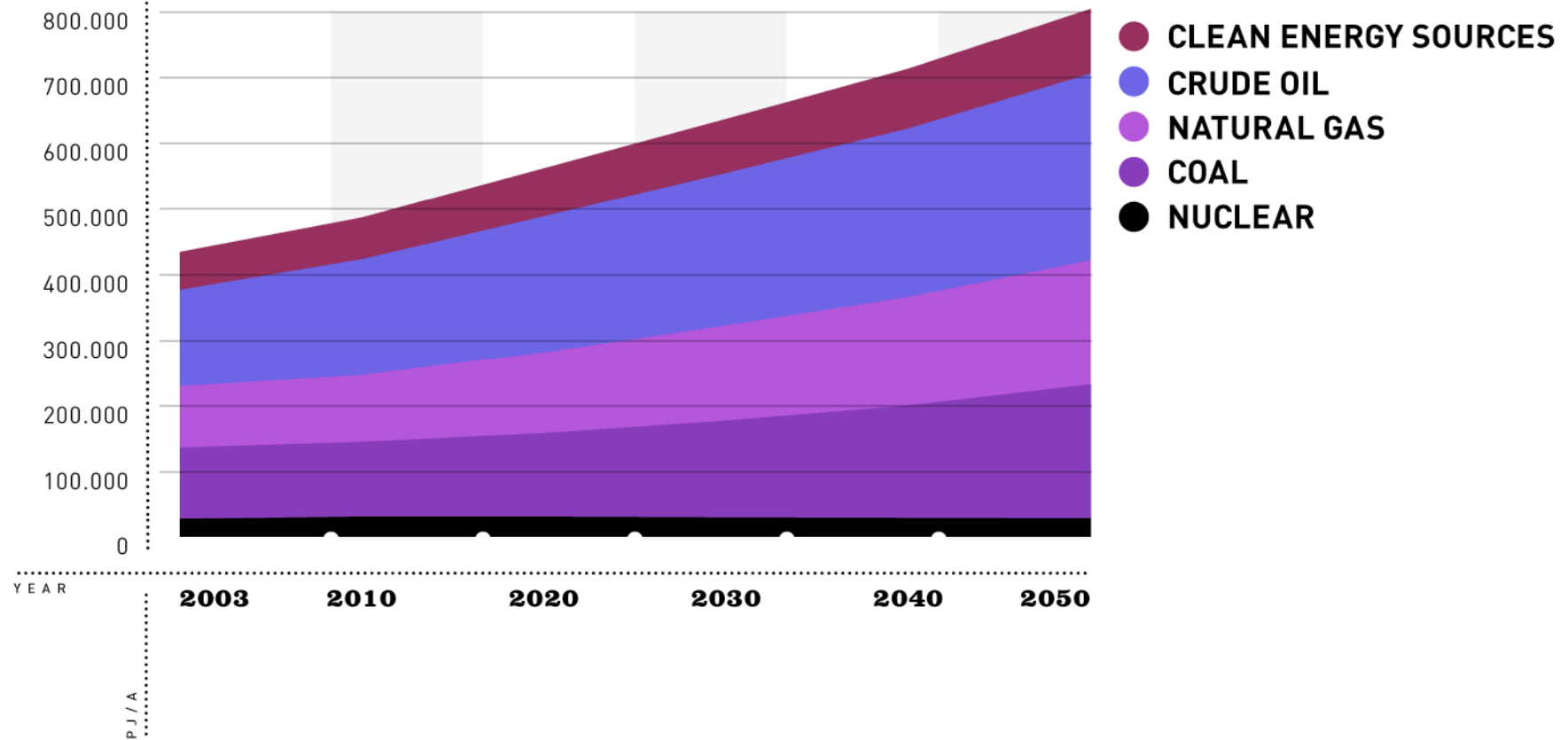
ΕΚΜΕΤΑΛΛΕΥΣΗ ΓΕΩΘΕΡΜΙΚΗΣ ΕΝΕΡΓΕΙΑΣ





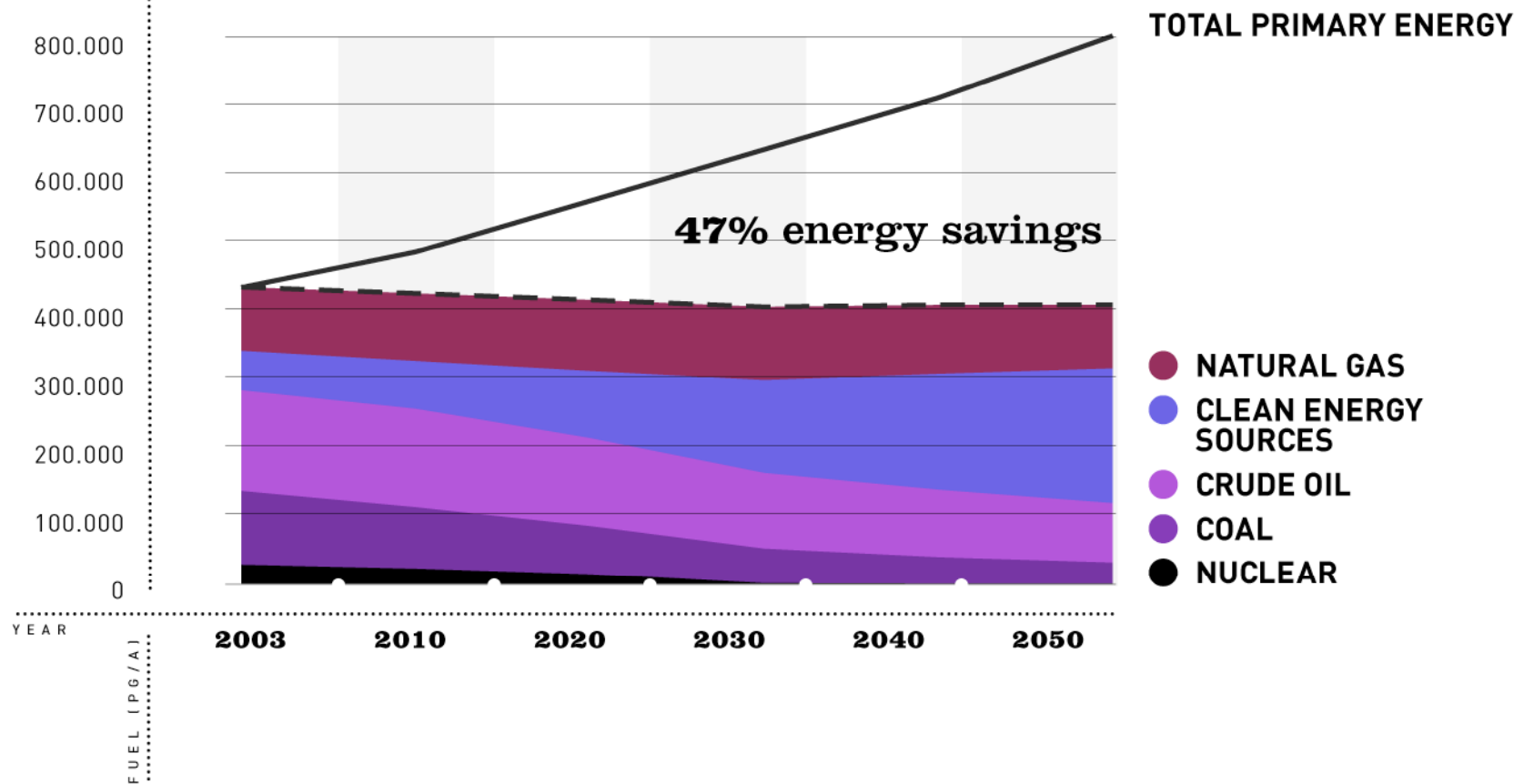
Reference scenario

world primary energy demand



primary energy demand

energy revolution





Και...ας συνειδητοποιήσουμε όλοι μας ότι:

Όπως προστατεύουμε
τη παγκόσμια “Ειρήνη”,

Ετσι, με την ίδια ευλάβεια,
Πρέπει να προστατεύουμε
Το “Κλίμα της Γης”.



ΙΝΣΤΙΤΟΥΤΟ ΕΝΕΡΓΕΙΑΣ Ν.Α. ΕΥΡΩΠΗΣ