

edilportale[®] TOUR 2015

La Mostra Convegno in 20 tappe su
Architettura sostenibile, Efficienza
energetica, Comfort abitativo, Active
House, Costruzioni in legno, Antisismica,
Antincendio, Tecnologie costruttive.

IN COLLABORAZIONE CON



Cagliari, 9 aprile 2015

Le nostre città sono il Petroleum Nostrum Deep renovation building

Norbert Lantschner, Presidente della Fondazione



Partner e Segreteria Organizzativa: 06.42020605
tour2015@agoraactivities.it



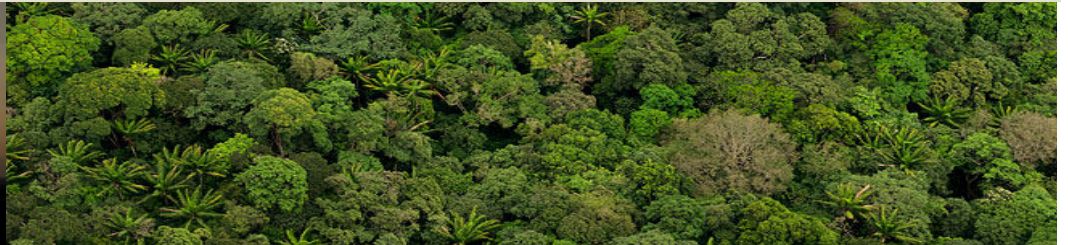




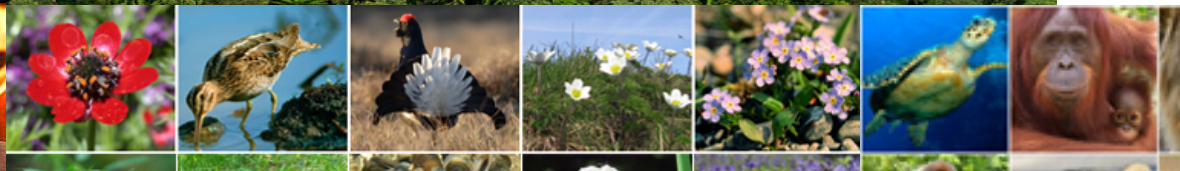
165.000 litri/s



35.000 ettari/giorno



253 tonnellate/s



50-100 specie/giorno



© Ulrich van Stipriaan



25 mio m³/s



3,5 mio tonnellate/giorno

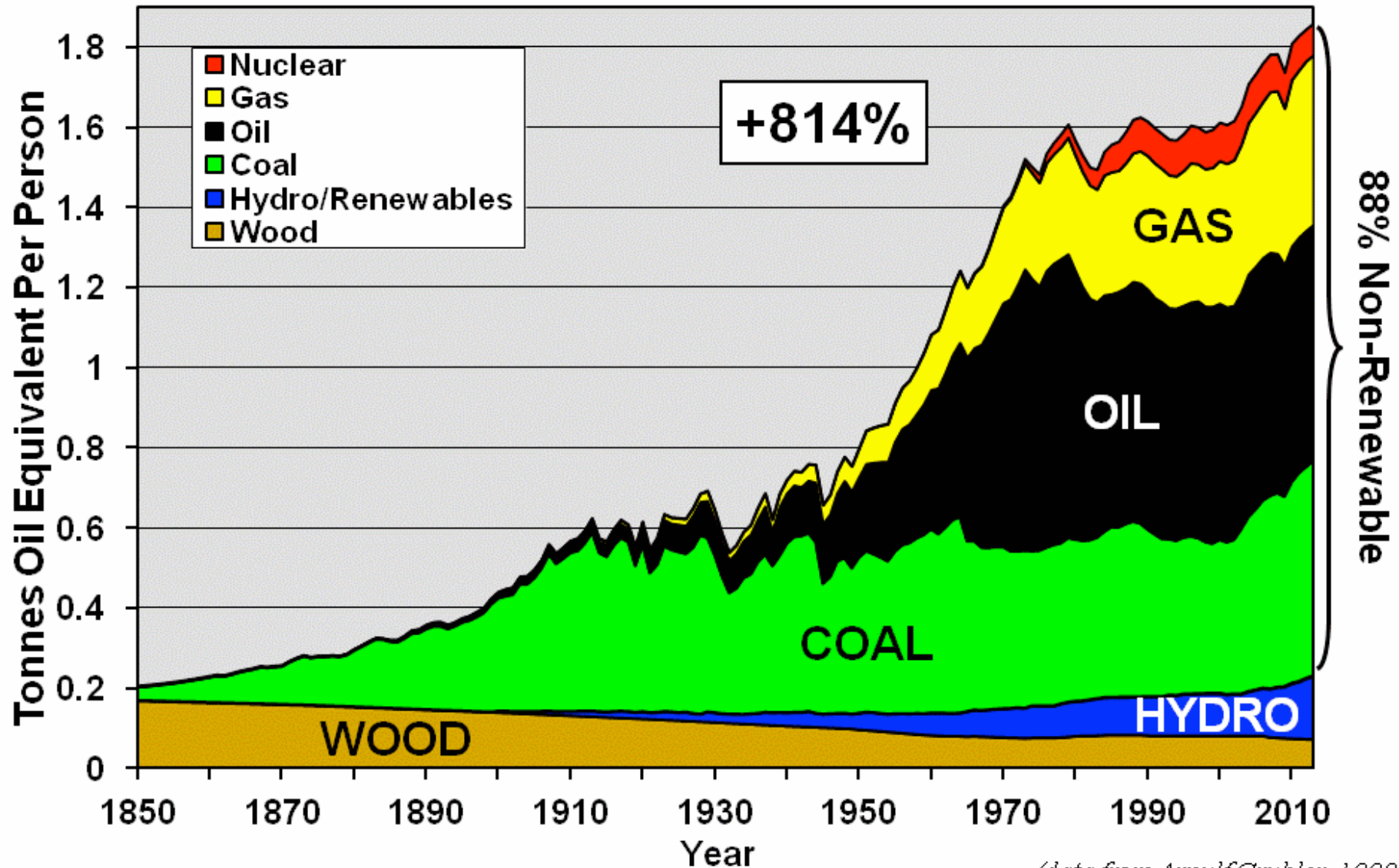


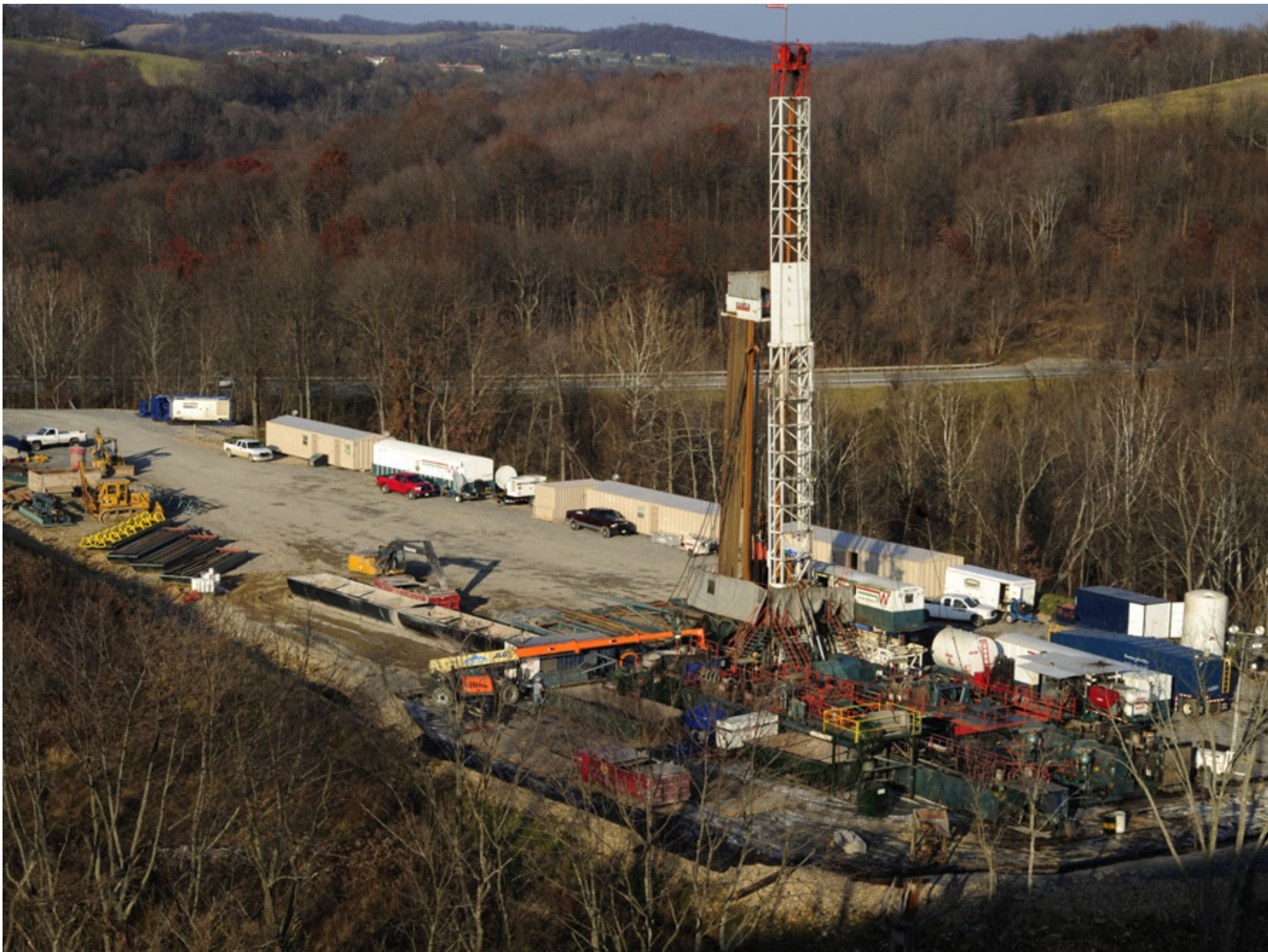


100 mio tonnellate di CO₂/giorno



World Per Capita Annual Primary Energy Consumption by Fuel 1850-2013

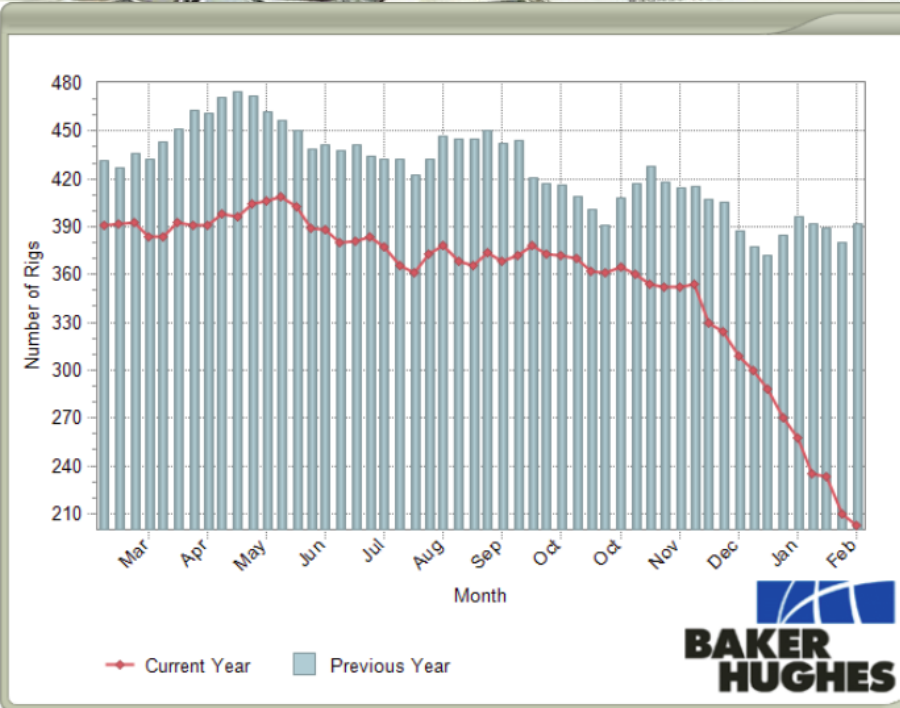
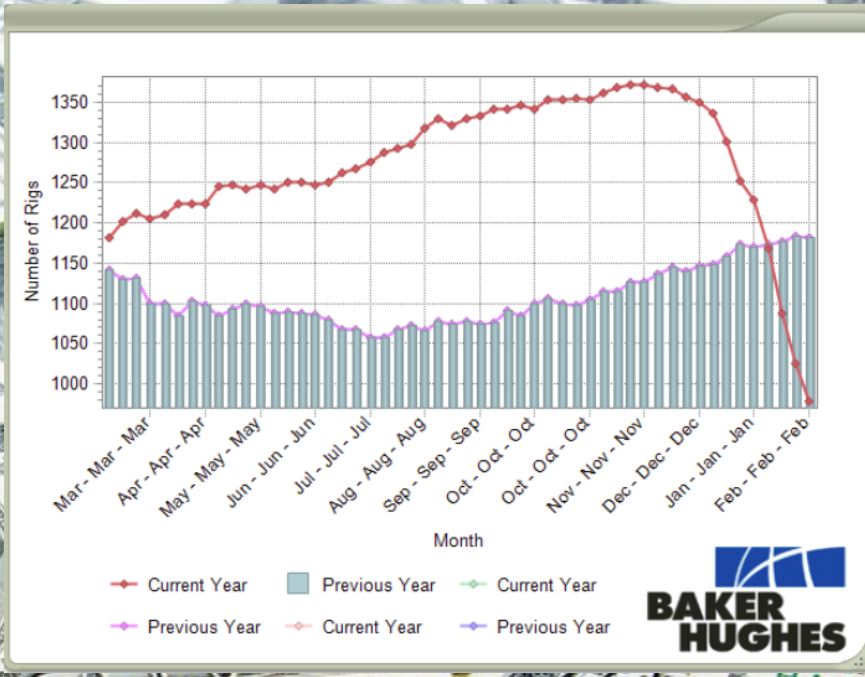


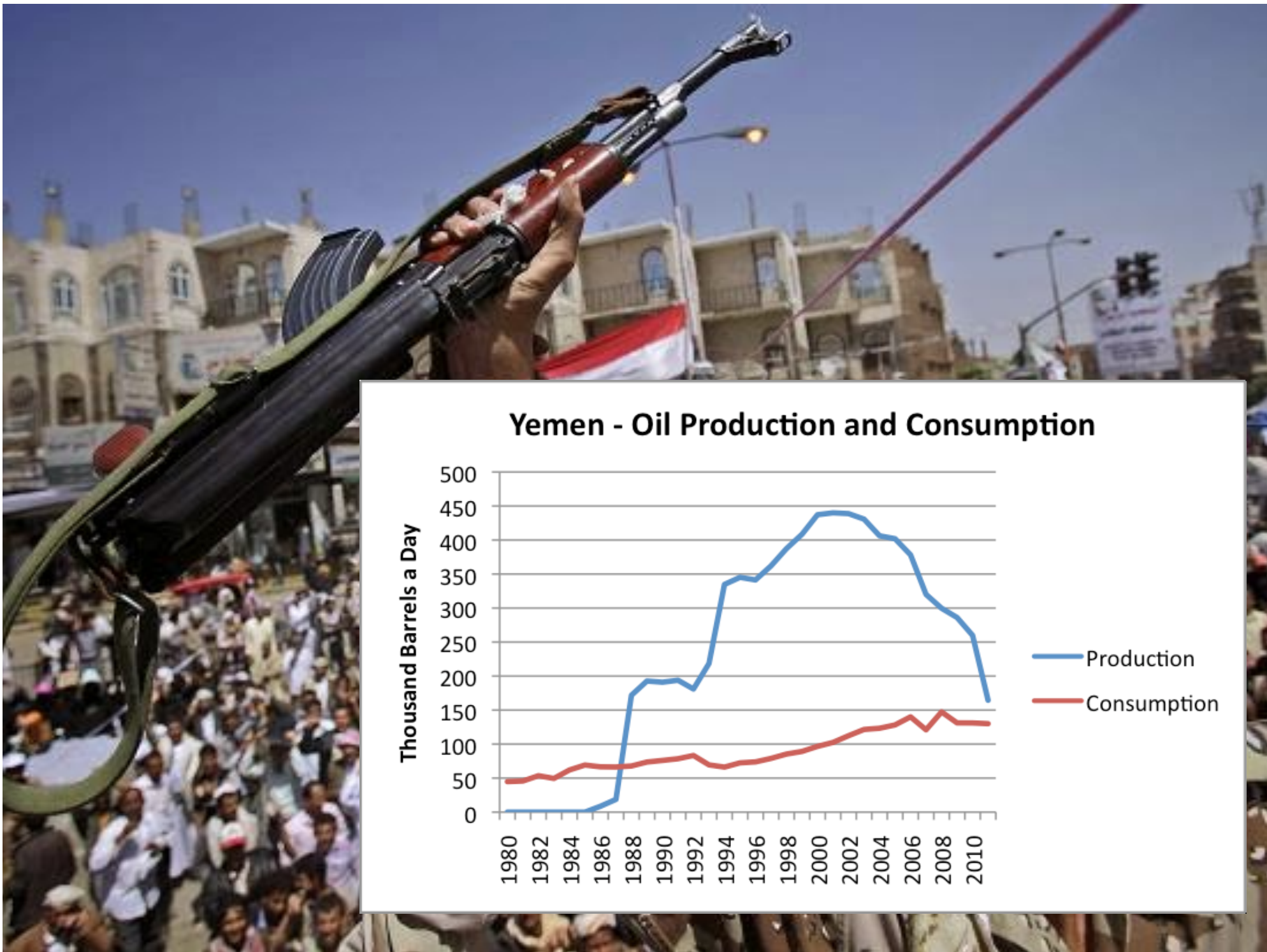




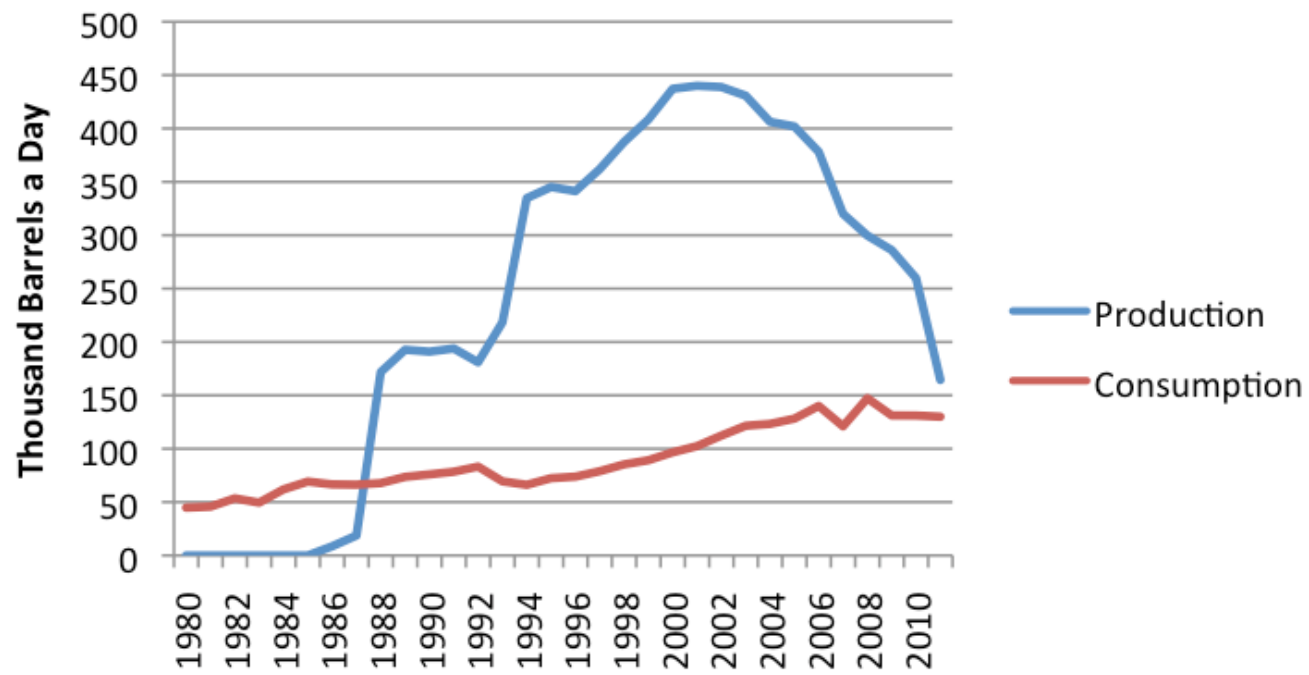


CBJ15 - Crude Oil Brent (ICE)

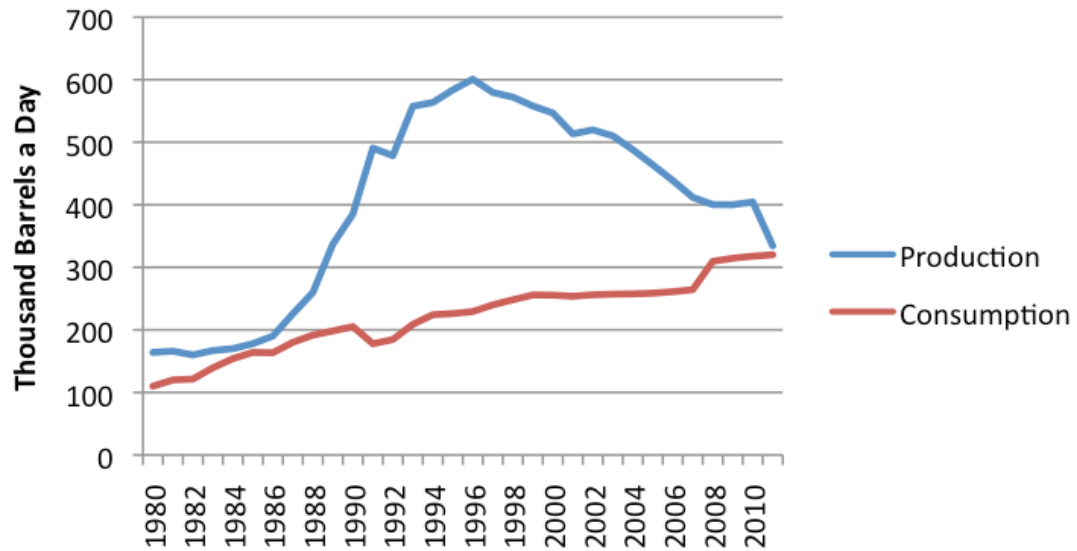




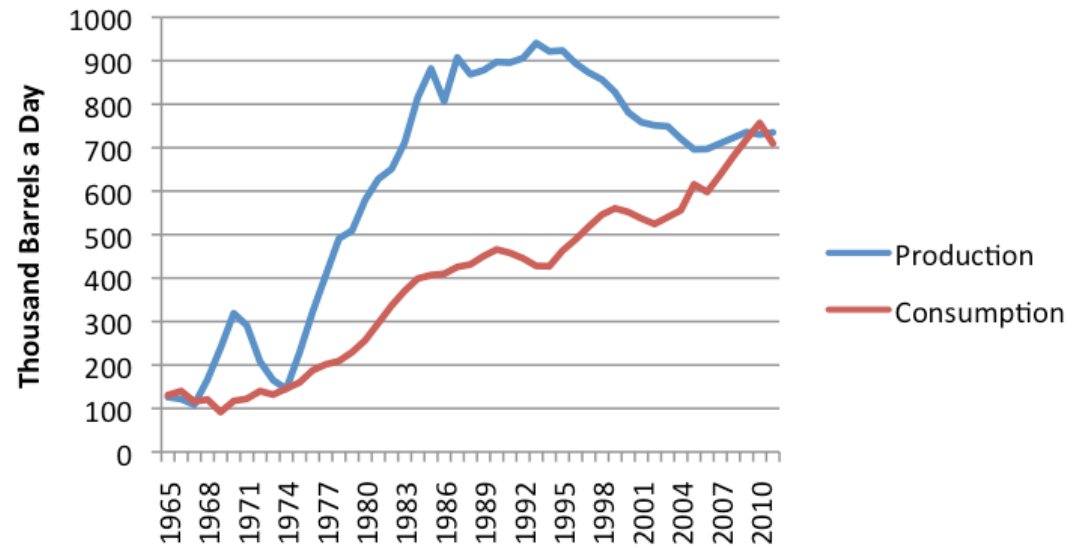
Yemen - Oil Production and Consumption



Syria - Oil Production and Consumption



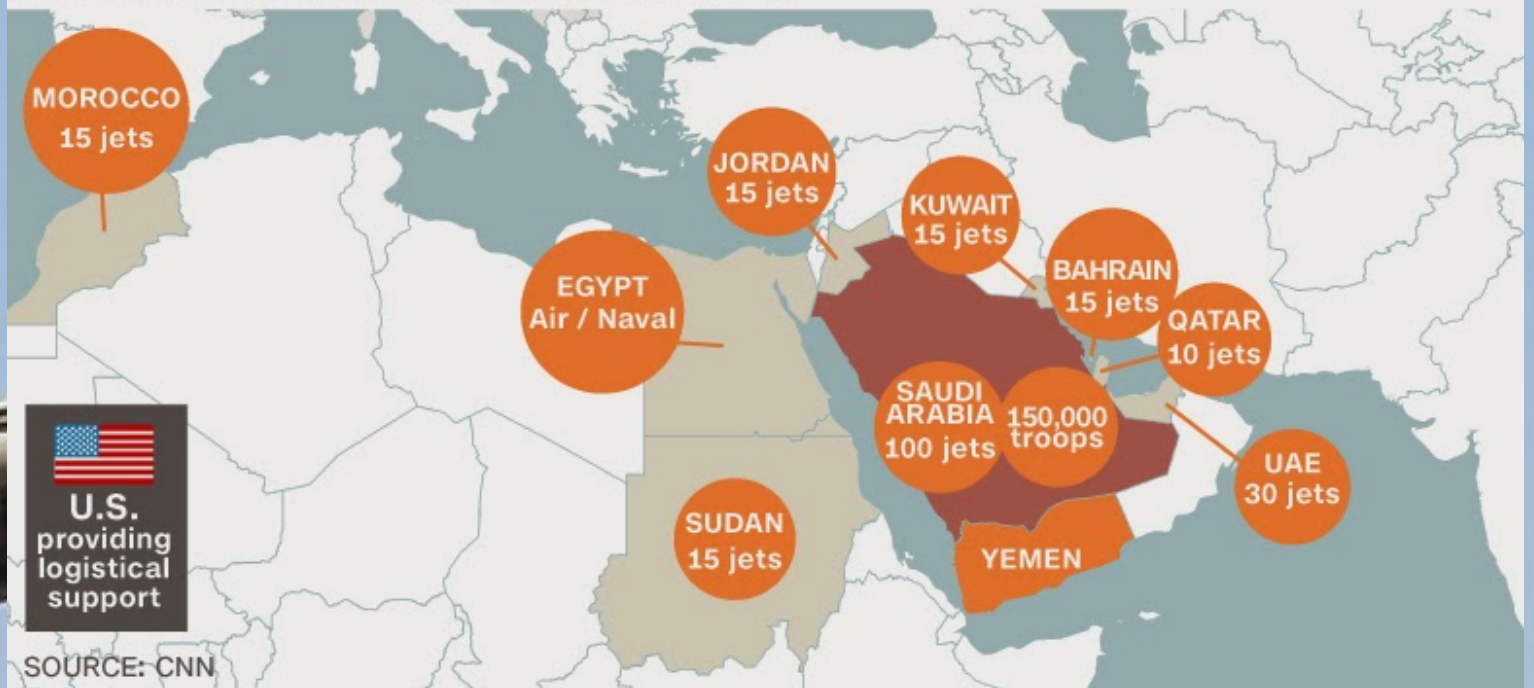
Egypt - Oil Production and Consumption






OPERATION “DECISIVE STORM”

A coalition of countries led by Saudi Arabia have launched airstrikes against the Iranian-allied Houthi rebels in Yemen. The nations are predominantly Sunni Muslim and are working to rescue Yemen's deposed government, which has strong Sunni support.





L'era del
'brucia ciò che vuoi'
non può continuare...

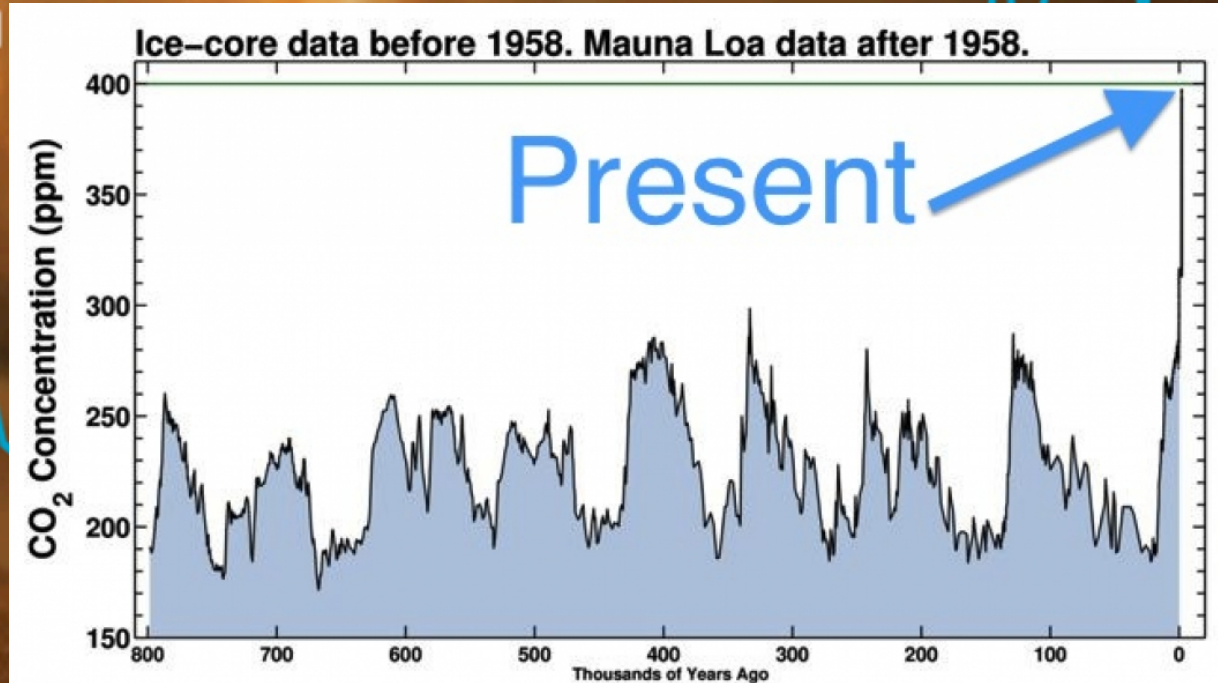
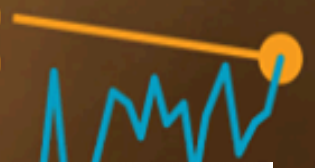
IT'S OFFICIAL:

2014

**HOTTEST
YEAR EVER**



GLOBAL TEMPERATURES
WE ARE HERE





WORLD CLIMATE SUMMIT

PARIS, FRANCE, 2015

PARIS CLIMAT 2015

Globally



52% of natural gas reserves

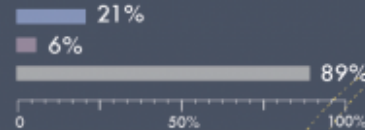


35% of oil reserves

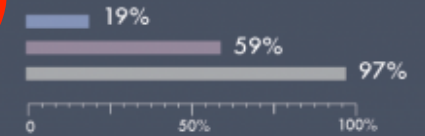


88% of coal reserves

Europe

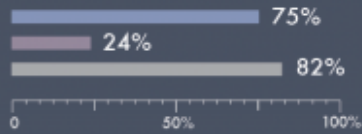


Former Soviet Union countries

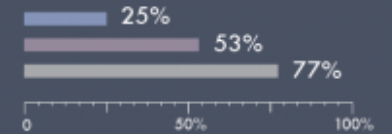


How much oil, gas and coal will we have to leave in the ground to stay under 2 degrees of warming?

Canada



China and India



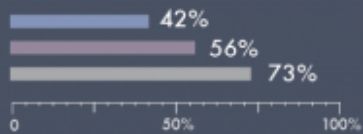
US



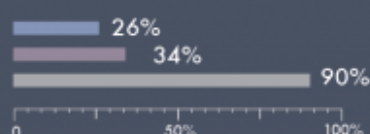
Other developing Asian countries



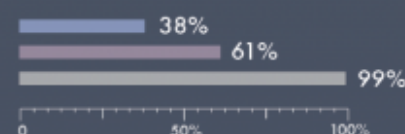
Central and South America



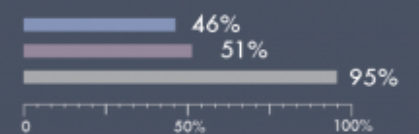
Africa



Middle East



OECD Pacific










- Riduzione emissioni **gas serra** di almeno 40% sui livelli al 1990 (obbligatorio UE)
- Incremento **rinnovabili** di almeno 27% (obbligatorio UE)
- Incremento **efficienza energetica** al 27% in base alle proiezioni future di consumi energetici **(indicativo)**



Petroleum Nostrum

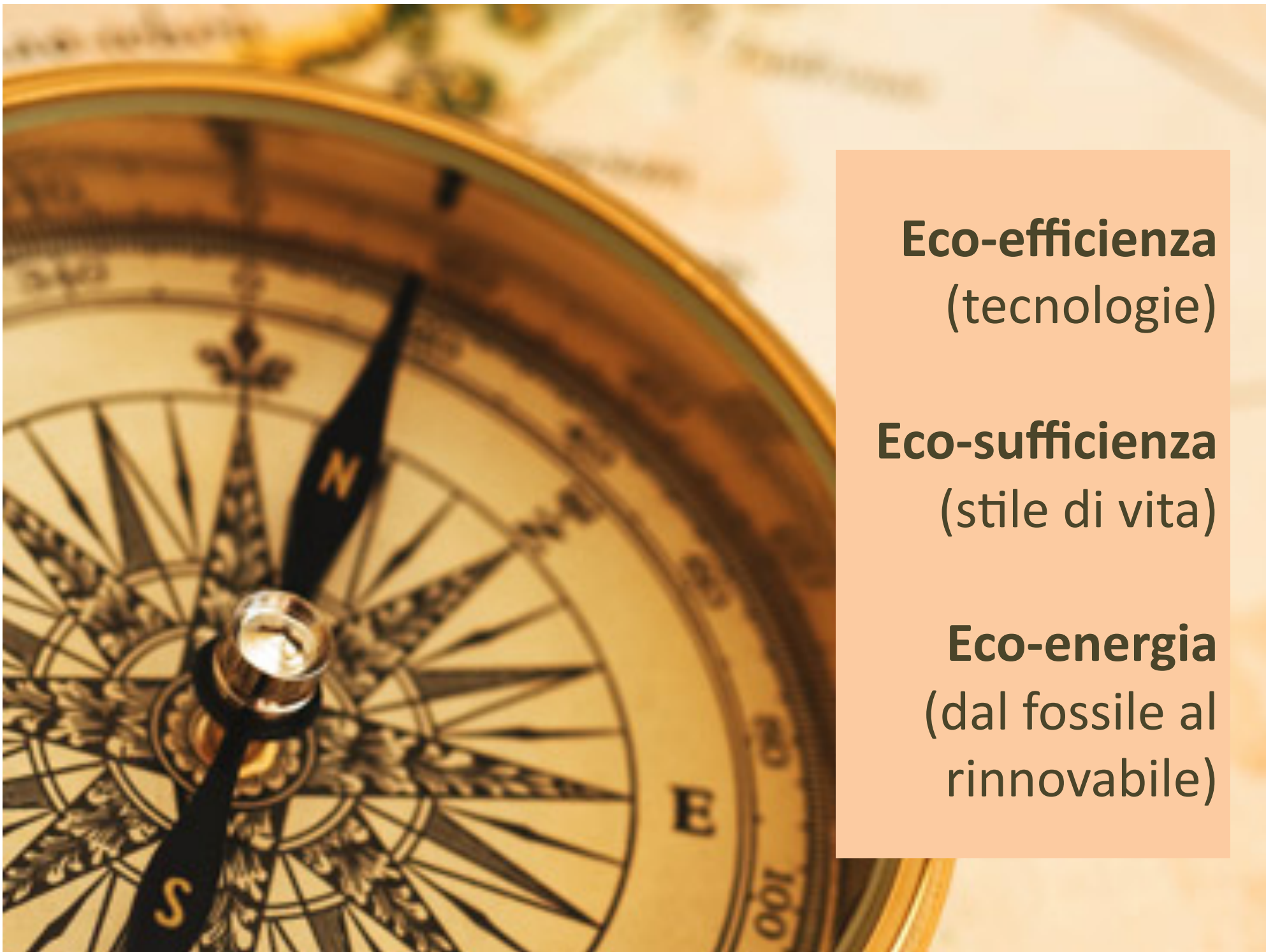
L'unico **watt** sostenibile è il **negawatt**

A thermal image of a building facade, showing temperature variations across the surface. The image is color-coded, with a color scale on the right side ranging from -10°C (dark blue) to 4°C (pink). The building's facade is primarily blue, indicating lower temperatures, with some yellow and green areas, particularly around the windows and balconies, indicating higher temperatures. A text box in the center-right provides information about the total stock of built envelopes in Italy. Two temperature labels are present: 'Max: -1,92°C' in a red box at the bottom left and 'Min: -12,68°C' in a blue box at the bottom right.

Lo stock complessivo di involucri edilizi in Italia è di 9,8 miliardi m²

Max: -1,92°C

Min: -12,68°C



Eco-efficienza
(tecnologie)

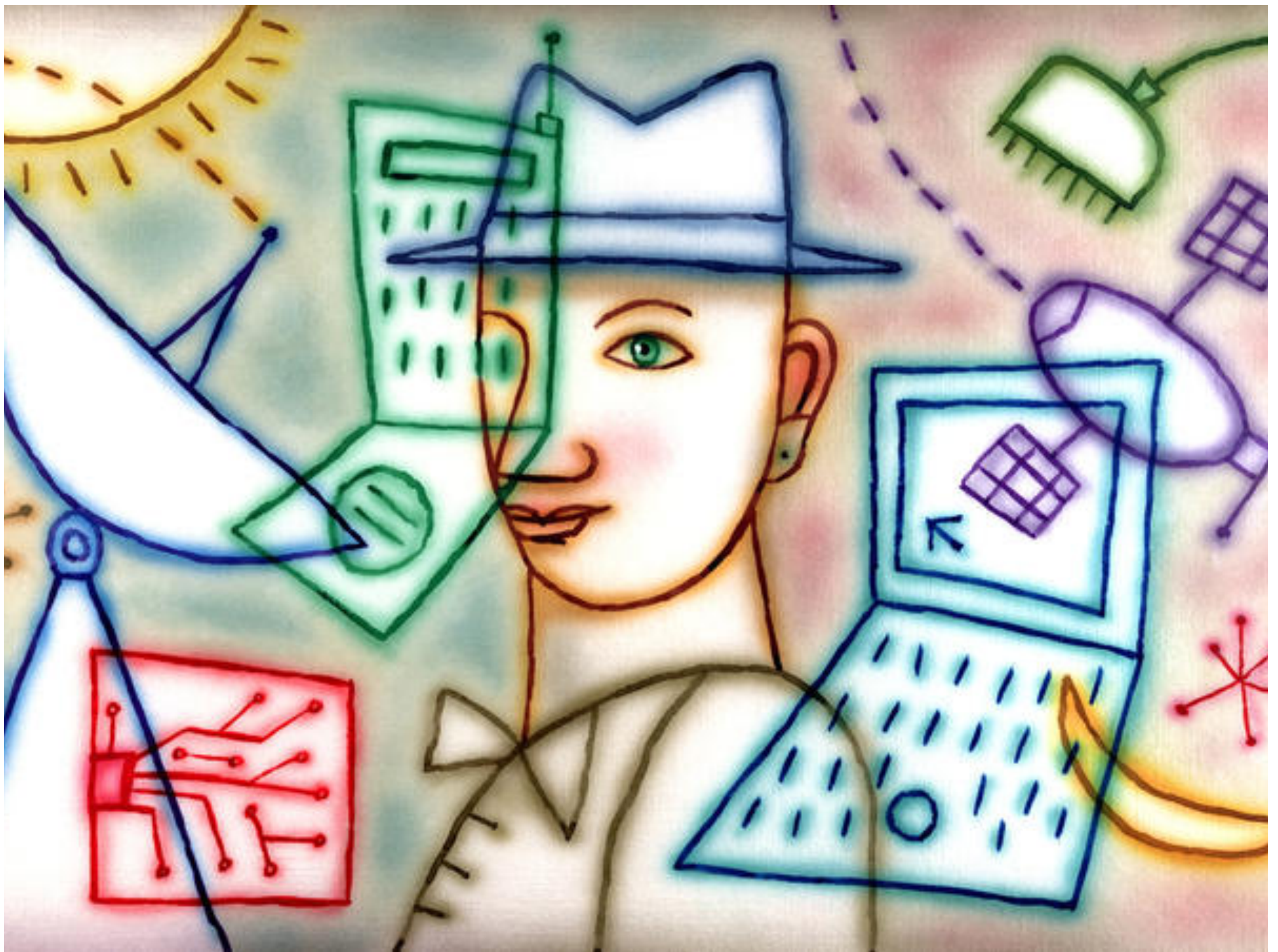
Eco-sufficienza
(stile di vita)

Eco-energia
(dal fossile al
rinnovabile)



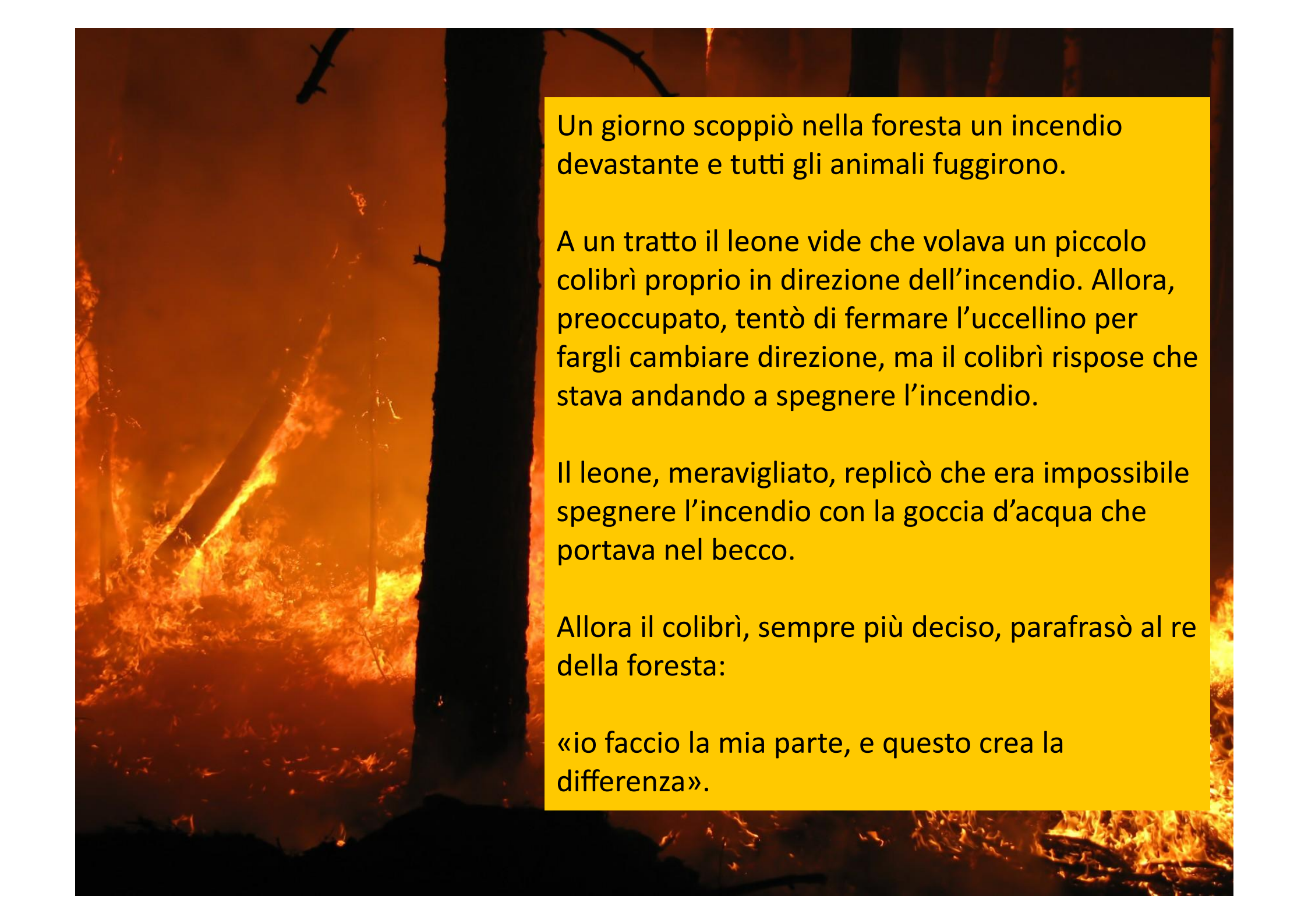
VW XL1







...abbandonare
l'attuale linea
di collisione



Un giorno scoppiò nella foresta un incendio devastante e tutti gli animali fuggirono.

A un tratto il leone vide che volava un piccolo colibrì proprio in direzione dell'incendio. Allora, preoccupato, tentò di fermare l'uccellino per fargli cambiare direzione, ma il colibrì rispose che stava andando a spegnere l'incendio.

Il leone, meravigliato, replicò che era impossibile spegnere l'incendio con la goccia d'acqua che portava nel becco.

Allora il colibrì, sempre più deciso, parafrasò al re della foresta:

«io faccio la mia parte, e questo crea la differenza».



Modello di riqualificazione ad alto livello ecologico a Friburgo, Germania

Altezza 45 metri
16 piani
Realizzato nel 1968
Ristrutturato negli anni 2009-2010
Consumo prima 68 kWh/m² a
Dopo l'intervento 15 kWh/m² a



Solar Impulse 2

Grazie

...ci impegniamo non
per riordinare il mondo,
non per rifarlo,
ma per amarlo

Bertolt Brecht

The background of the slide features a close-up of several Euro banknotes, including a 500 Euro note in the foreground and a 50 Euro note partially visible behind it. The notes are slightly out of focus, and a bright, glowing fire effect is superimposed over the top half of the image, creating a sense of intensity and urgency.

Strategia efficienza

«Meno è più»

- ✓ Aumentare l'utilizzo del materiale
- ✓ Ottimizzare processi esistenti
- ✓ Ridurre l'impiego di energia



Strategia efficace

«Di più è meglio»

- ✓ **Processi zero-waste**
- ✓ **Chiudere i material cycles**
- ✓ **utilizzo di materie prime secondarie**
- ✓ **Uso di energie rinnovabili**




Berlin Märkisches Viertel

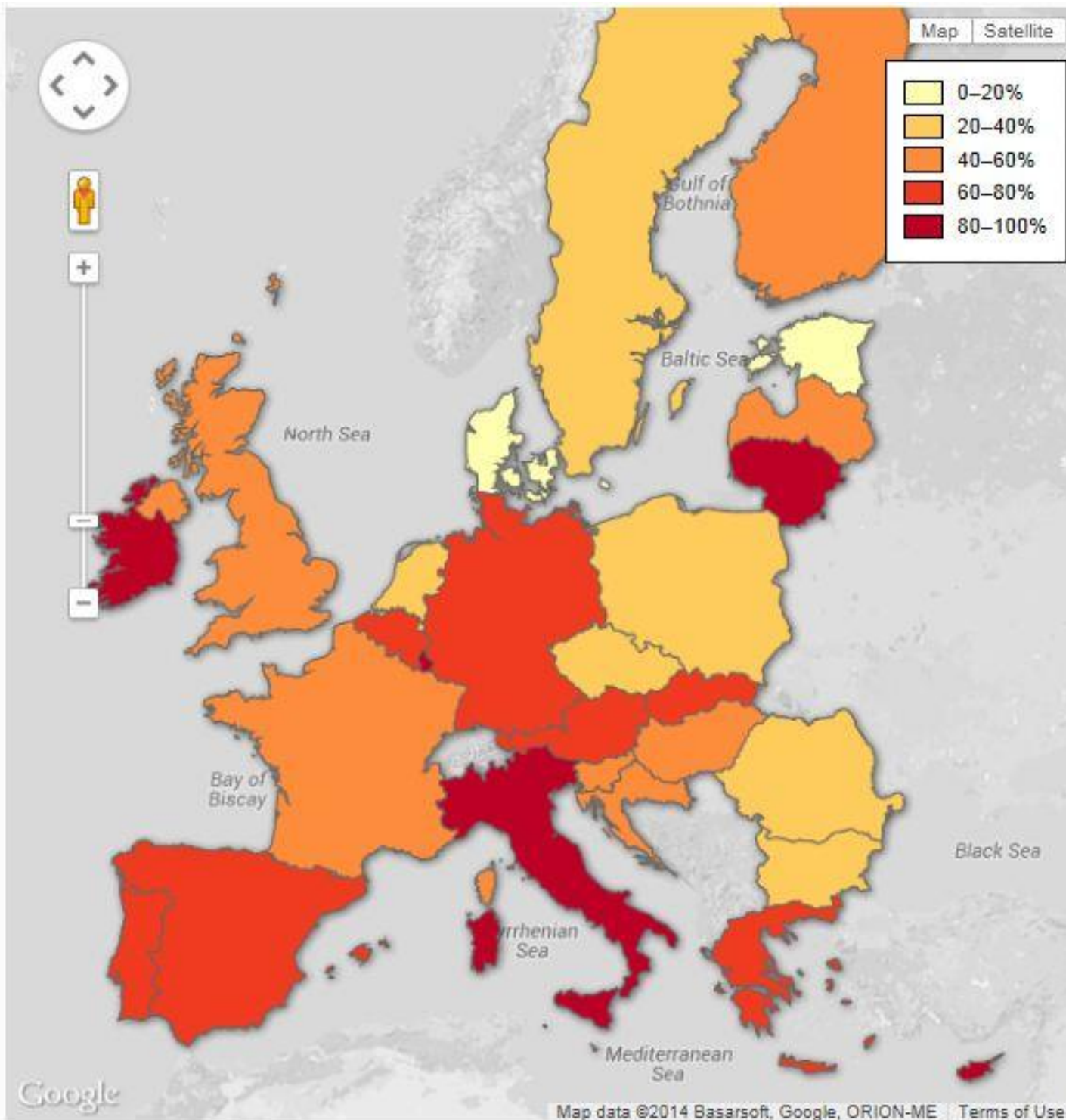


Energia primaria:
prima 237 kWh/m²a
dopo 34kWh/m²a

l'Onu si schiera a sostegno della campagna internazionale per spingere istituzioni, fondi pensioni, governi e risparmiatori a **disinvestire in fonti fossili**



- 
- Direttiva 2002/90/UE
 - Direttiva 2010/31/UE
 - Direttiva 2012/27/UE



L'Unione europea importa più della metà dell'energia consumata.

**500.000 milioni dollari
sovvenzionano
i governi in tutto il mondo ogni anno
per consumare carbone,
gas e petrolio.**

