



Lavinia's
Eco
Solutions



Let's Lead Together To More Through LES!



Environmental movement

History: Different views but common efforts.

- 19th century: air pollution
- 20th century: conservationist
- Rachel Carson's Silent Spring
- April 22 1970: Earth Day
- 1971: Greenpeace
- 1987: Brundtland Report
- 1992: Rio de Janeiro
- 2012: Rio +20: SDGs

Climate policy

Different targets, but common goals?

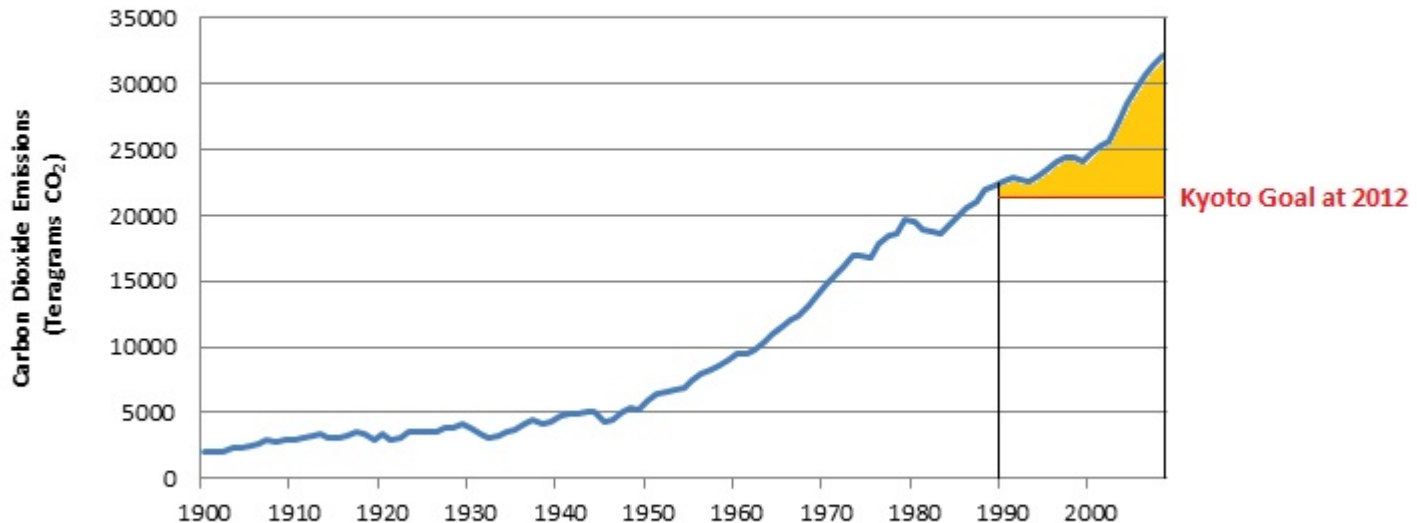


- 1990s: UNFCCC reaction
- 1997/2005 Kyoto Protocol
- Copenhagen 2009, after math
- Paris 2015?
- We need bold initiatives!

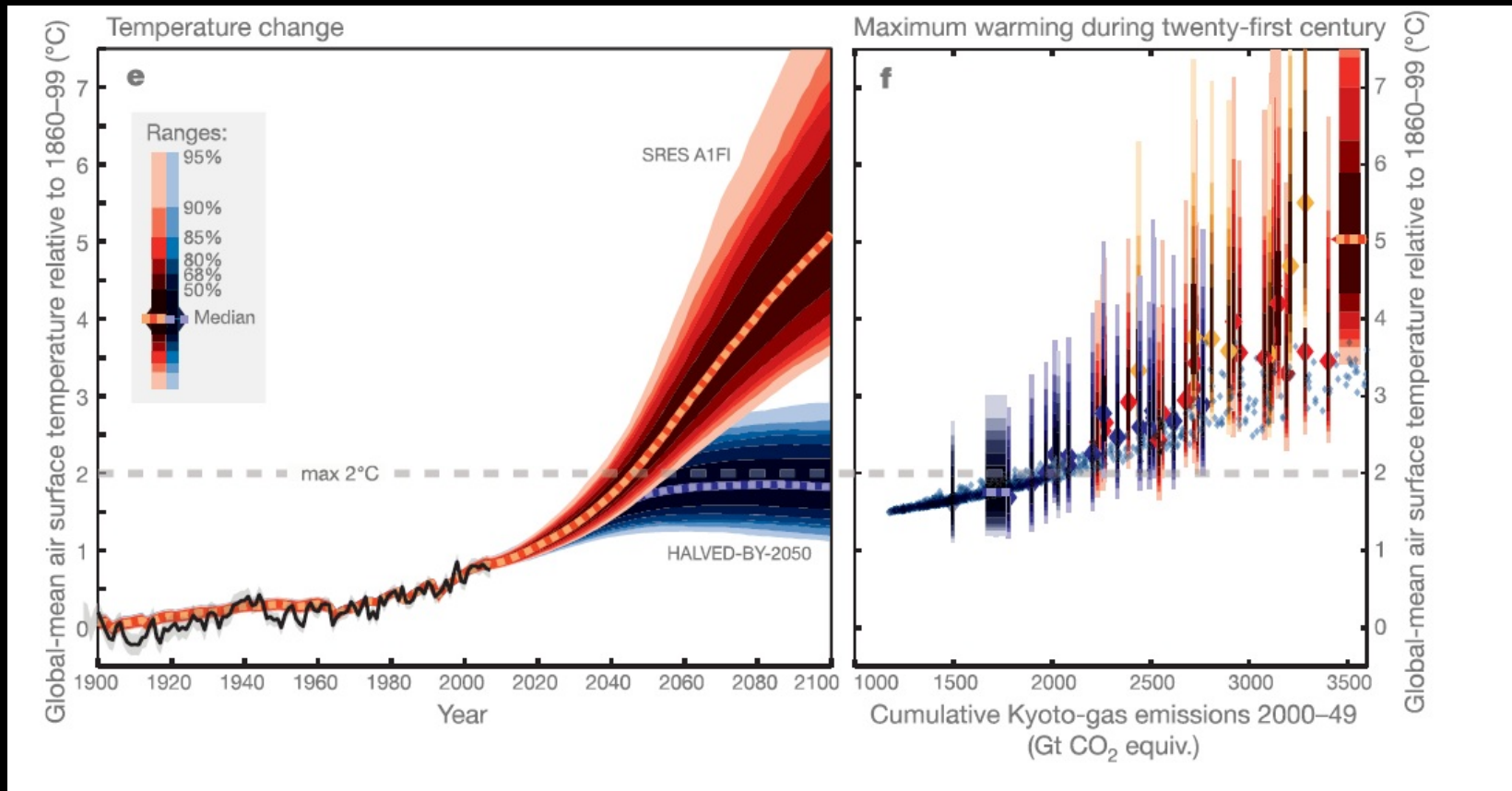
Kyoto Mechanisms did not Reduce Emissions: Alternative Options are Necessary

Global CO₂ Emissions: 1900 - 2008

Source: EPA

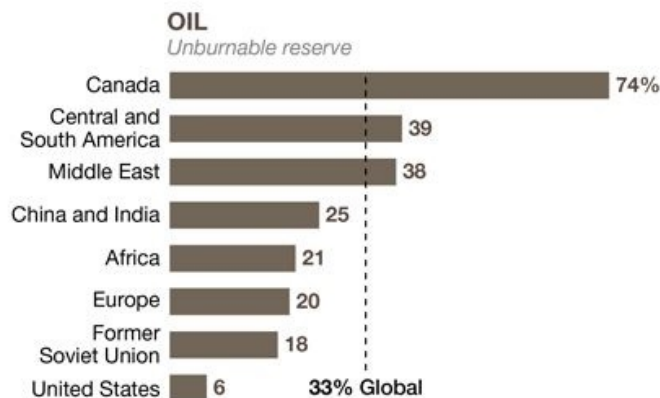
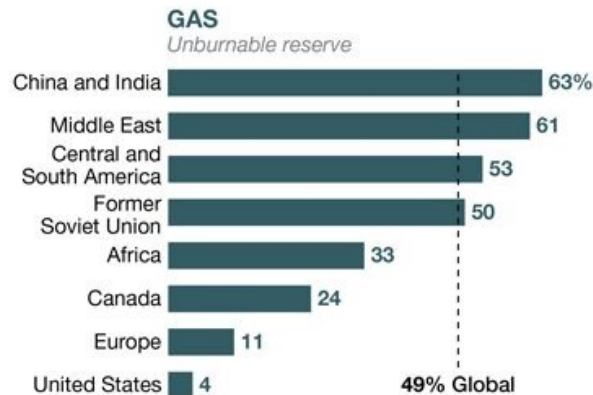
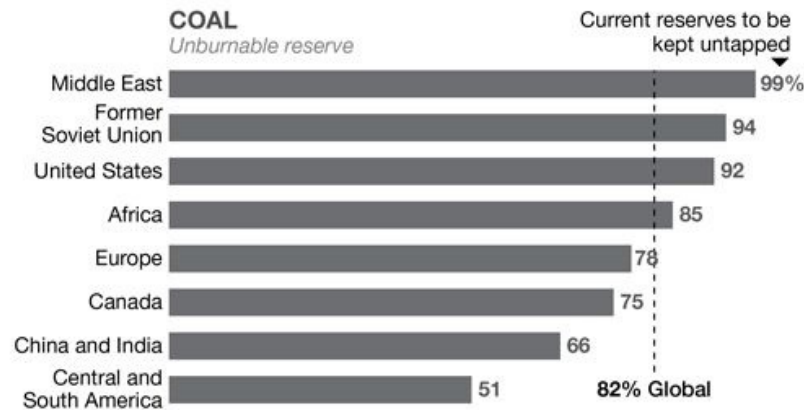


Global Warming Limit 2° C \leftrightarrow 50% Emission Reduction at 2050



Source: Meinshausen et al (2009), *Greenhouse emission targets for limiting global warming to 2° C*, Nature, 458, April.

Fossil fuels off-limits



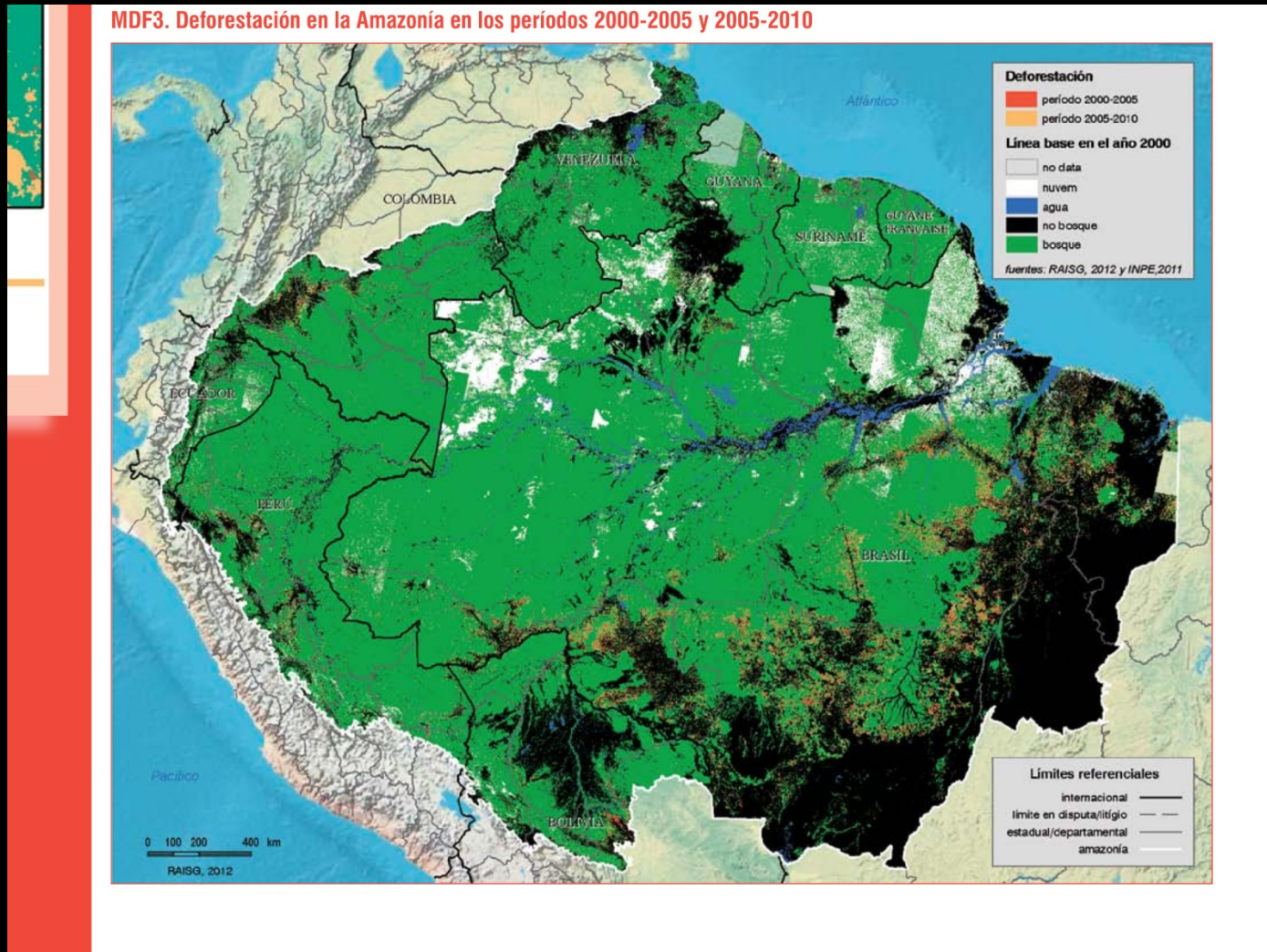
Source: McGlade, C. and Ekins P. (2015) "The Geographic Distribution of fossil fuels unused when limiting Global Warming to 2 °C" . Nature, January 8, 2015, Vol. 517, Issue 7533.

Leaving Fossil Fuels underground

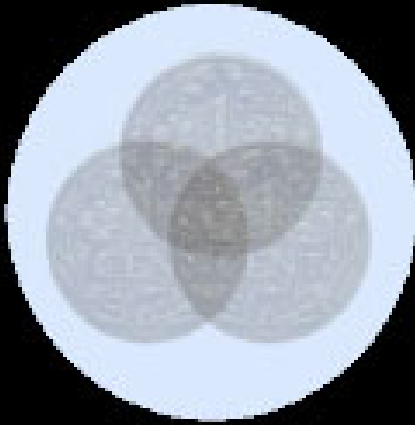


- Passed 400 ppm/2 Celcius
- Oil spills: BP, Chevron Texaco
- Demand and supply side
- Where? How? What?
- Developing countries
- Case study? Ecuador

The Amazon: the Largest Remaining Rainforest in the Planet



Ecuador: a megadiverse country



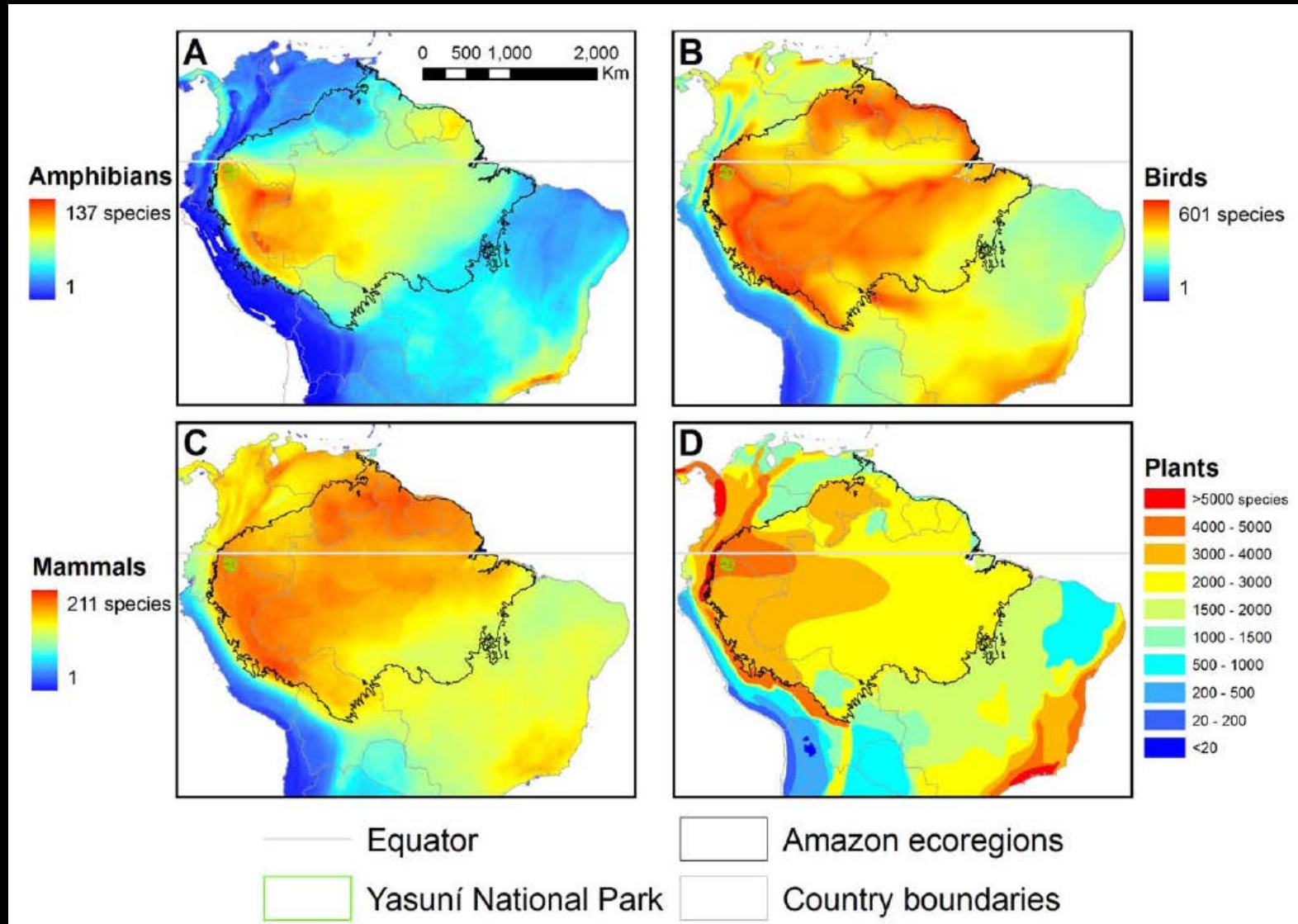


Yasuni



- 9,820 KM2
- 100.000 insects p/ha
- 655 tree species p/ha
- Reptile, birds, mammals
- Two indigenous peoples living in voluntary isolation.
- UNESCO Man and Biosphere Reserve

Biodiversity of the Yasuni Park



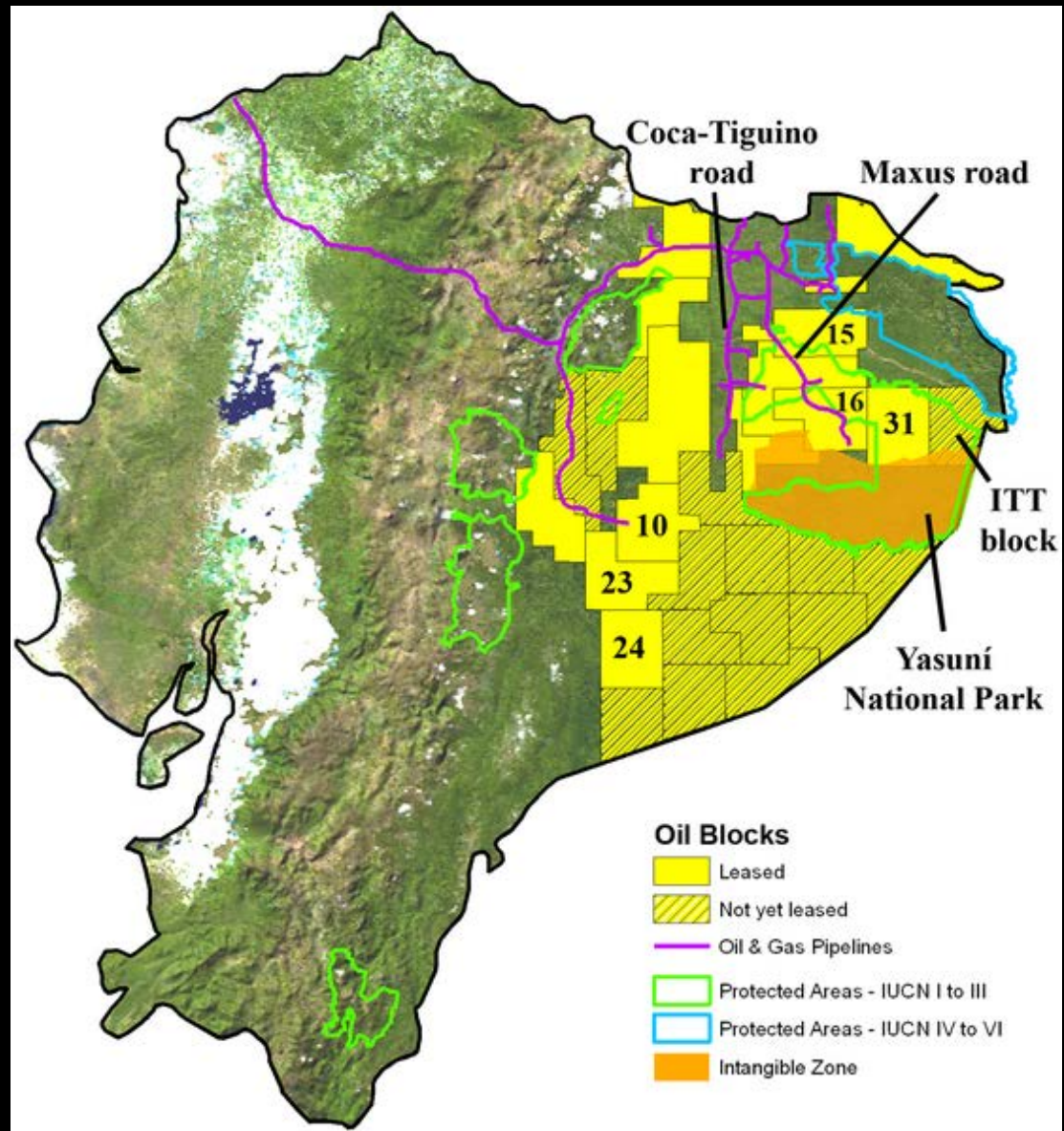
Solutions - Post-oil societies



- Addicted to oil, but: peak oil, 3rd world countries: resource curse & climate

- Never exploit ITT. 846 million barrels of oil. 407 MMT CO2 vs France or Brazil.

- 50% (\$3,6 billion) from international community, 50% by Ecuador.



Solutions

- Ecuador & Yasuní-ITT: background

Funds in:

- Sustainable projects
 - Protection of biodiversity.
 - Protection of indigenous people
 - Health and education
- Ambitious, and necessary. But...
 - Different countries?



Donations from

Leonardo di Caprio

Edward Norton

Gorbachev

Al Gore

Pledges

Italy & Spain & Wallonia

Ban ki Moon

Colombia & Peru

Georgia & Spain

Turkey

Regions in France

Germany: only directly

into Yasuni (due to political issues)

Enhancing international development

Climate change
mitigation & adaptation

Multiple value creation

Yasuni

Enhancing equity issues

Progressive, novel and replicable





purex
energie

Campaigning 2.0

- Grassroots: public support
- Strong case
- Focus and simplicity
- Find partners: stronger
- Use network--> networks
- Unique selling point
- Use same 'language': market
- Ambitious, and necessary:
counter lobby





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Lavinia Warnars & #LES



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