

Climate Alternatives in a Post 2015 People's Transformative Agenda

Peoples' Sustainability Treaties

converging on a

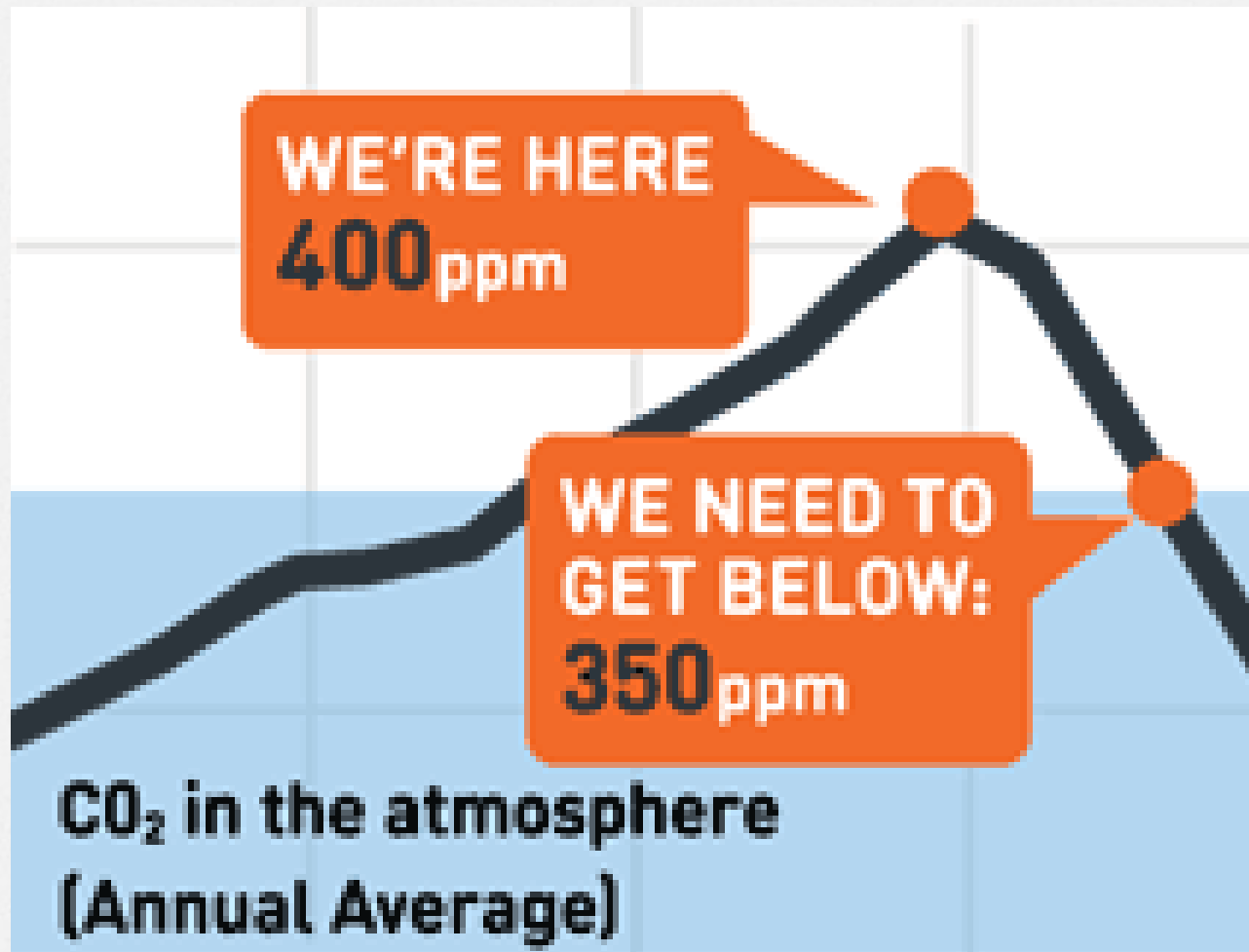
Peoples
Transformative
Agenda
Post 2015

A workshop & webinar on 05th April, 2014 from 09.00hrs to 14.00hrs at: Ramapo College, Mahwah, NJ, USA

Carmen Capriles
Ramapo College ,
April 5, 2014

Sustainable Development

- o In 1987, the last year where the annual average of CO₂ level in the atmosphere was less than 350ppm, the same year the Bruntland Report defined sustainable development as a kind of development *that meets the needs of the present generation without compromising the ability of future generations to meet their own needs.* As real solution to global warming the ability of future generations to meet their own needs has being already jeopardized; continue to fail to this day , this should be a wakeup call for us to realize that a different approach is needed if we do not want to deal with the worst scenarios.



Why climate?

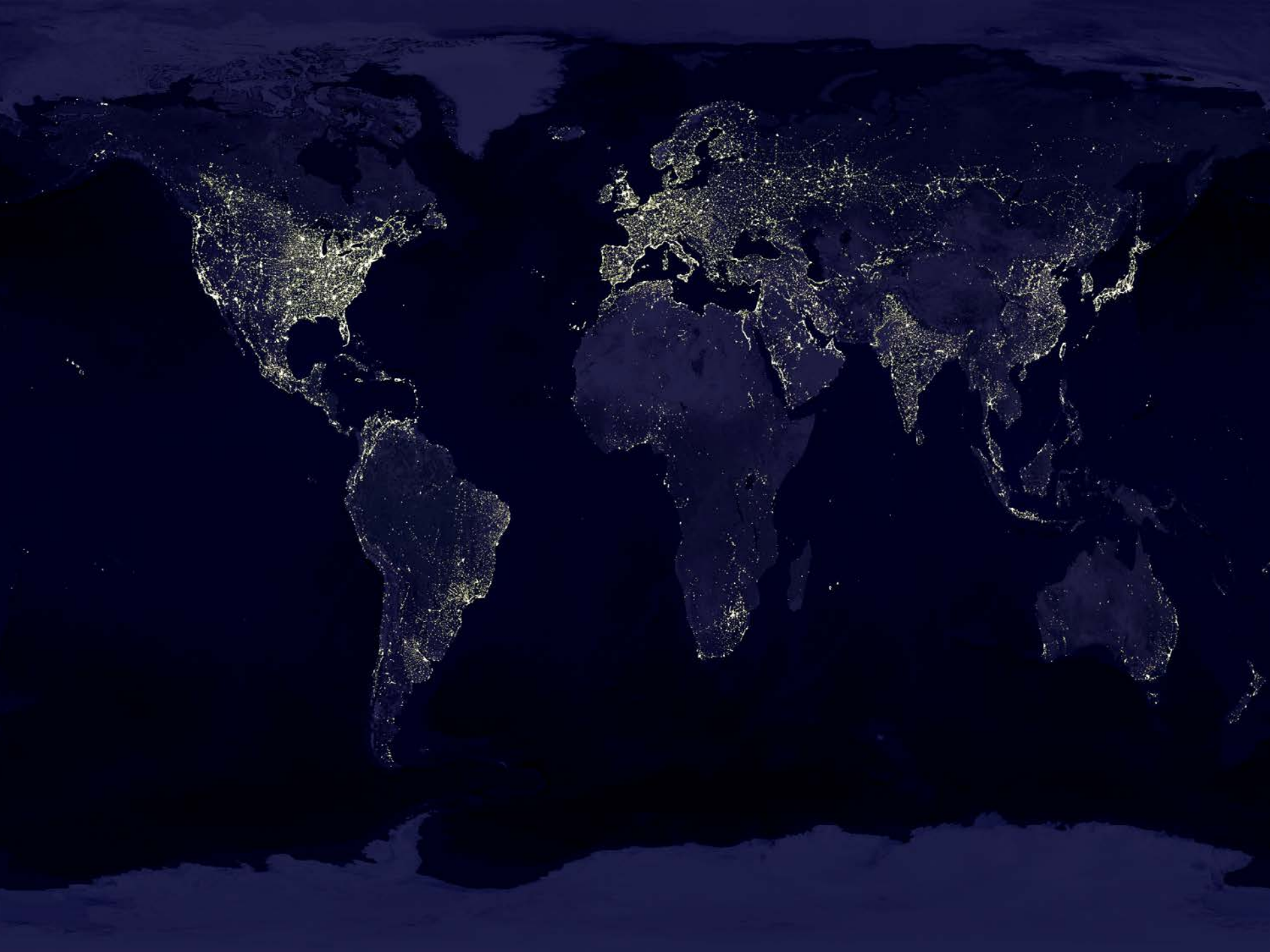
- o Because in our atmosphere the levels of green house gases have increase due to human activites therefore the global temperture has rise in 0.8° C, we know this Global Warming, therefore the planet needs to gain back its balnce and try to cool itself we call that climate change.

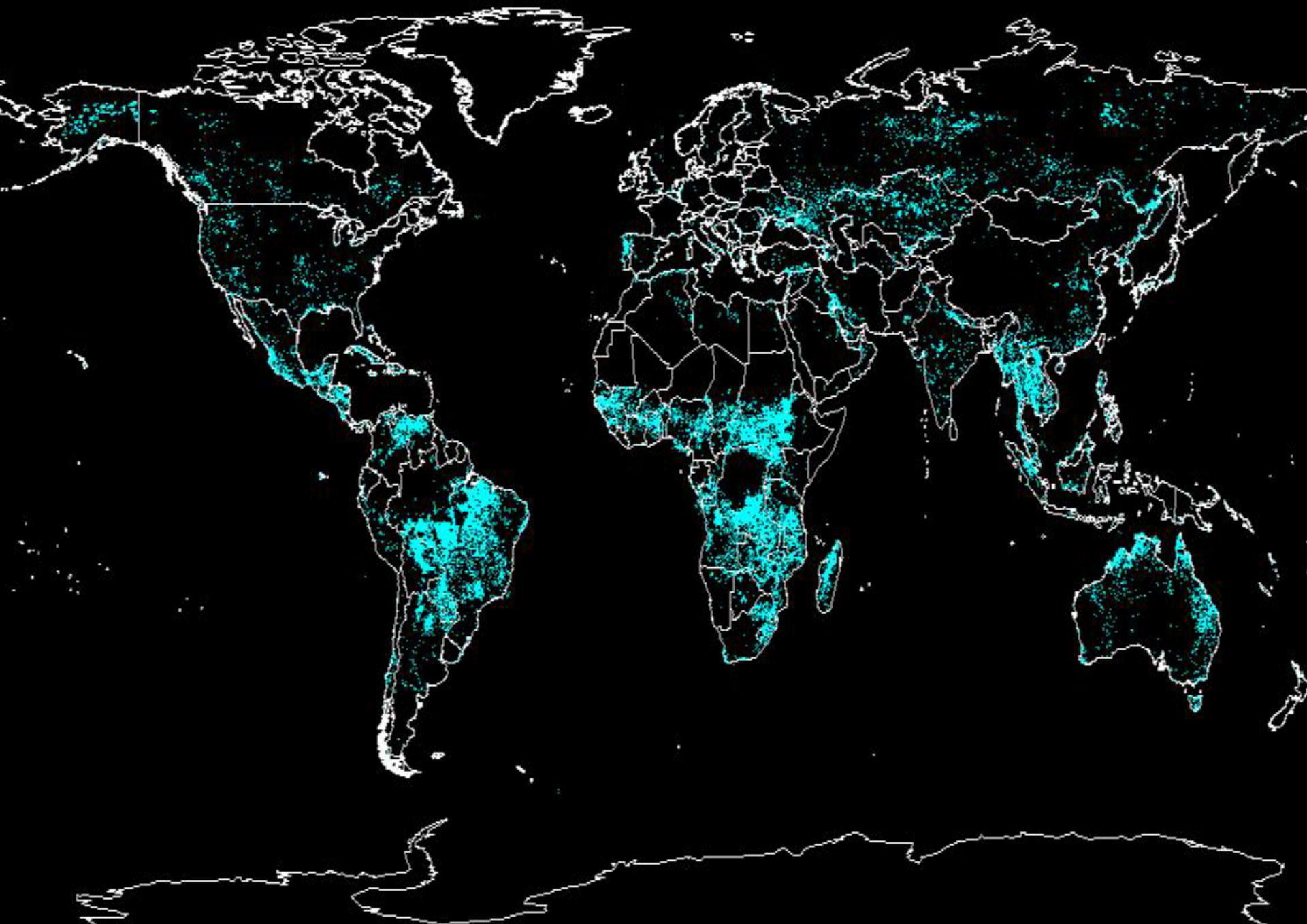
Where humanity's CO₂ comes from?

- o 91% fossil fuels and Cement 33.4 billion metric tons (2010) 9% Land Use Change 3.3 billion metric tons (2010)

Where humanity's CO₂ comes from?

- o 50% 18.4 billion metric tons atmosphere (2010) 26% 9.5 billion metric tons Land (2010) 24% 8.8 billion metric tonnes Oceans (2010) 2010 Data updated from: Le Quéré et al. 2009, Nature Geoscience Canadell et al. 2007, PNAS





FOSSIL FUEL

© sei shimura from japan

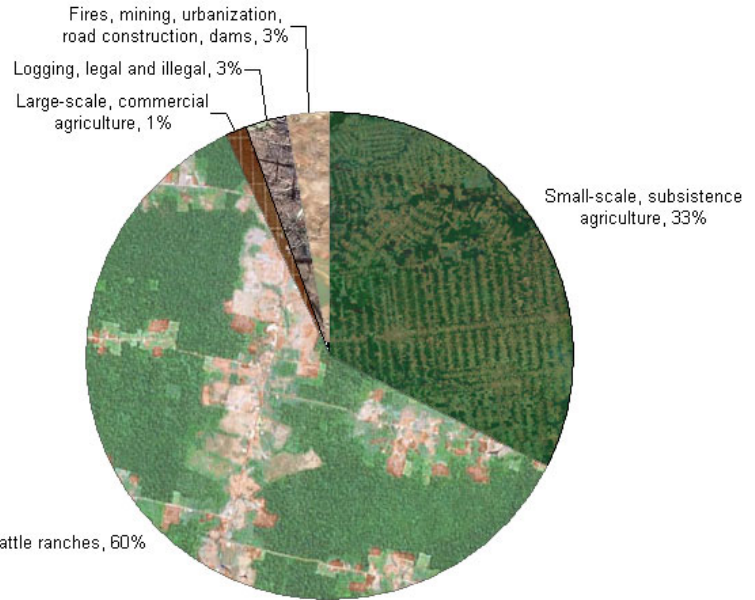


IS PREHISTORIC



designboom

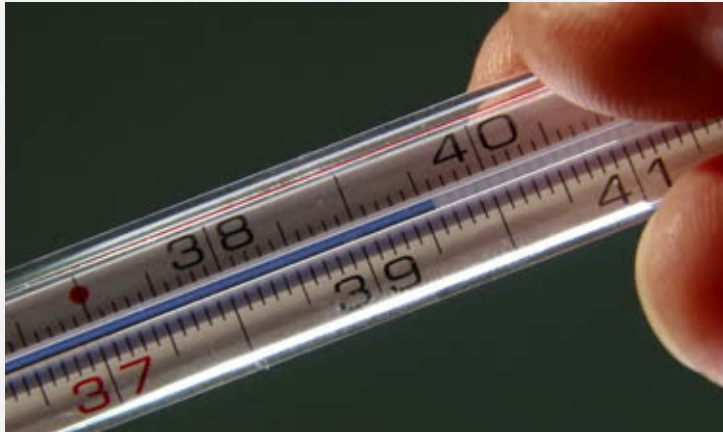
Causes of Deforestation in the Amazon, 2000-2005



Before it's too late. wwf.org



Solution or cure?



2 degrees

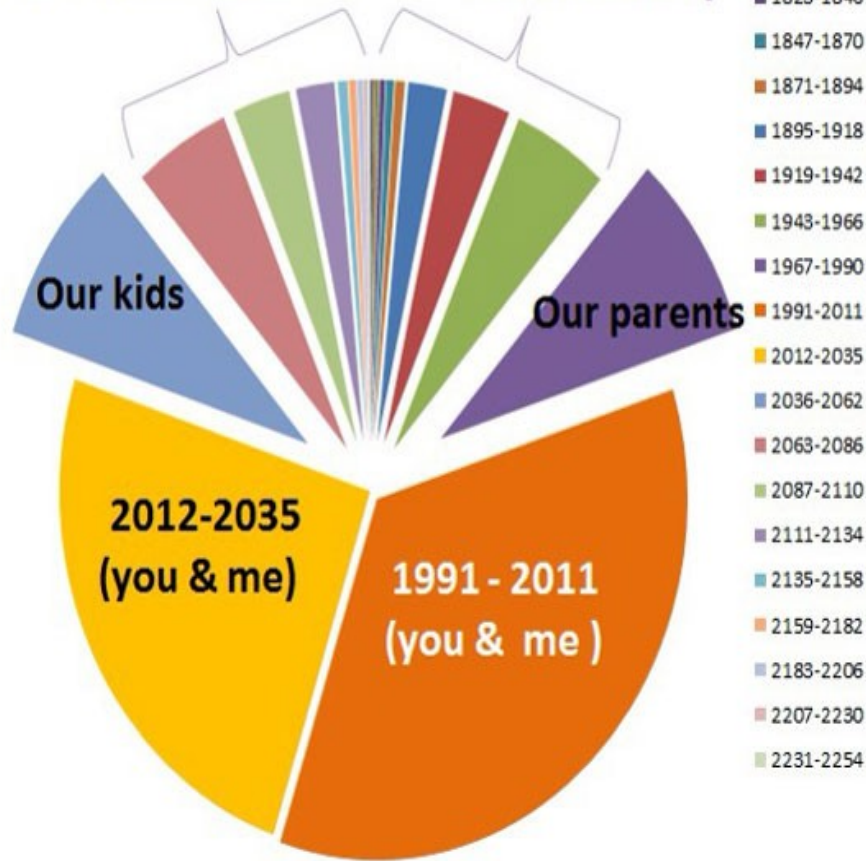
That's the amount the planet will be allowed to warm. Leaders of the world's eight richest economies have agreed to the historic deal setting 2 degrees Celsius as the maximum limit for global temperature rise.



'Carbon Budget' per generation for 2°C

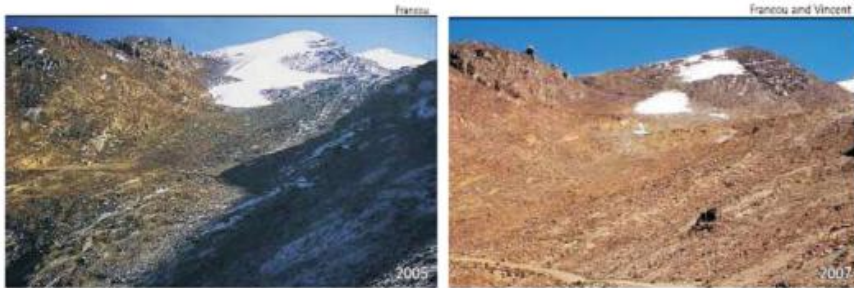
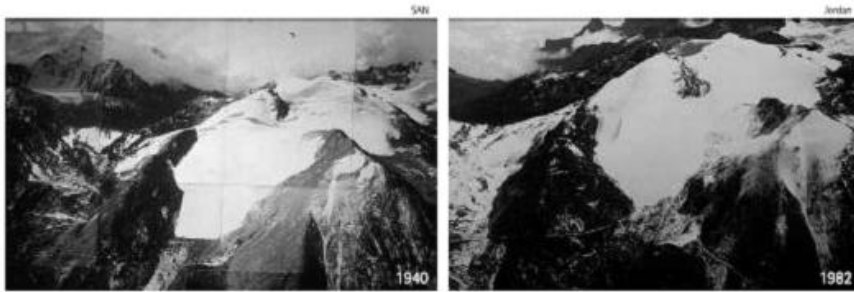
Remainig budget
for rest of mankind

Used to
create society



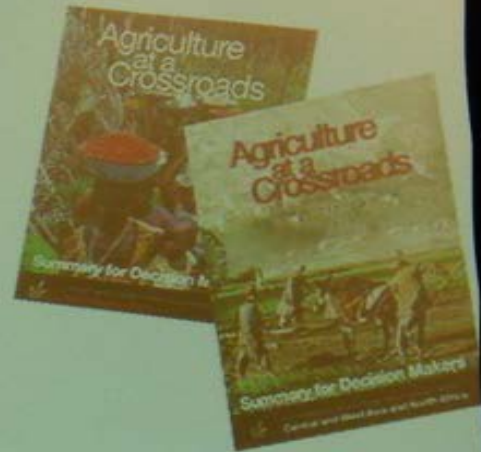
Glaciers

- Glaciar Chacaltaya en los años 1940, 1982, 1996, 2000, 2003 y 2005



The IAASTD Reports presented the major challenges and a viable way forward

- 842 million undernourished – 1.5 billion obese – 300 million diabetes type 2 cases, etc. => **health problem**
- The industrial food system uses 10 kcal to produce 1 (empty) => **energy problem**
- The conventional food system is a major part of the **climate change problem**
- Soil degradation, water shortages, biodiversity loss underlie food insecurity => **natural resource problem**
- Industrial agriculture has emptied the rural areas instead of providing quality jobs => **social problems**



Business as usual is not an option!

Women's





