

Managing GHG Emissions to Save Energy, Costs and the Environment

Webinar 5/18/11



**** AUDIO via phone (not streaming audio)**
Call-in: 641-715-3200, code 691401# **



Thanks FTSLA sponsors



Webinar Logistics

- Please use phone for audio, not computer mic/speakers
- Audio call-in: 641-715-3200, Code 691401#
- Participants will be muted during presentations to eliminate background noise, then un-muted for Q&A
- Please enter *6 on your phone to mute and unmute yourself if you have ongoing background noise, when not speaking
- There will be Q&A/discussion at end. Use chat box to send critical questions to presenters during presentations
- Technical issues: Contact Melissa/FTSLA via chat box, melissa@ftsla.org, 541-292-7542
- Presenters: Please keep an eye on the chat box for messages
- Slides will be emailed and web-posted after webinar



Agenda

- Welcome and Intro: FTSLA and OTA (11 am, 5 min)
- Issue Overview and Business Case (FTSLA, 15 min)
- Measuring Your Emissions (Good Company, 30 min)
- Case Study: UNFI (15 min)
- Case Study: Wedge Co-op (15 min)
- Q&A (15 min)



About FTSLA



Mission

- Build the capacity of organic food trade to transition to leadership-oriented sustainable business practices

What we do

- Membership organization, non-profit trade assoc.
- Members commit to annual sustainability reporting & improvement per FTSLA “Declaration of Sustainability”
- FTSLA provides consult, guidance documents, educational opportunities, networking and more
- FTSLA offers education to broader trade: workshops, webinars, etc., and communicates member practices to drive change



FTSLA: What We Offer

- Expert Consult: Staff guidance on strategy & implementation
- Sustainability Metrics: Tailored to organics, aligned with Declaration
- Tool Kit: Guidance from strategy to measurement to improvement
- Executive Briefing: New member and follow up briefings
- Networking: Share best practices through forums, email
- Education: Workshops, webinars, resource guides, E-Newsletter
- Advocacy: Knowledge & tools to advocate on key issues
- Marketing/Communications: Tools and guidance to share impact



Climate Change: Business Case

- Align with mission, organic values
- Protect agriculture/ingredient supply & livelihoods
- Protect environment, ecological services
- Mitigate risks
- Reduce energy costs
- Reduce regulatory impact
- Align with stakeholder concerns



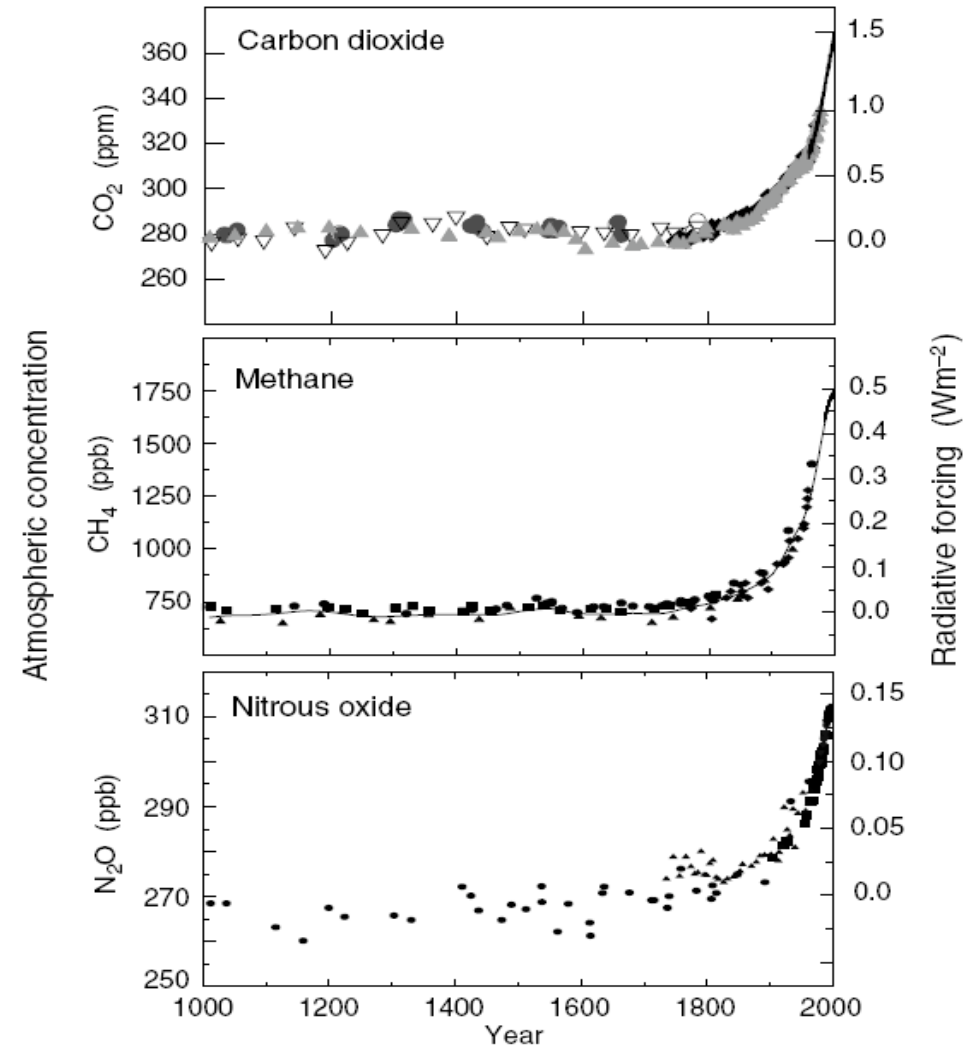
Climate Change: Background

CO₂: ↑ by 35%

Methane: ↑ by 155%

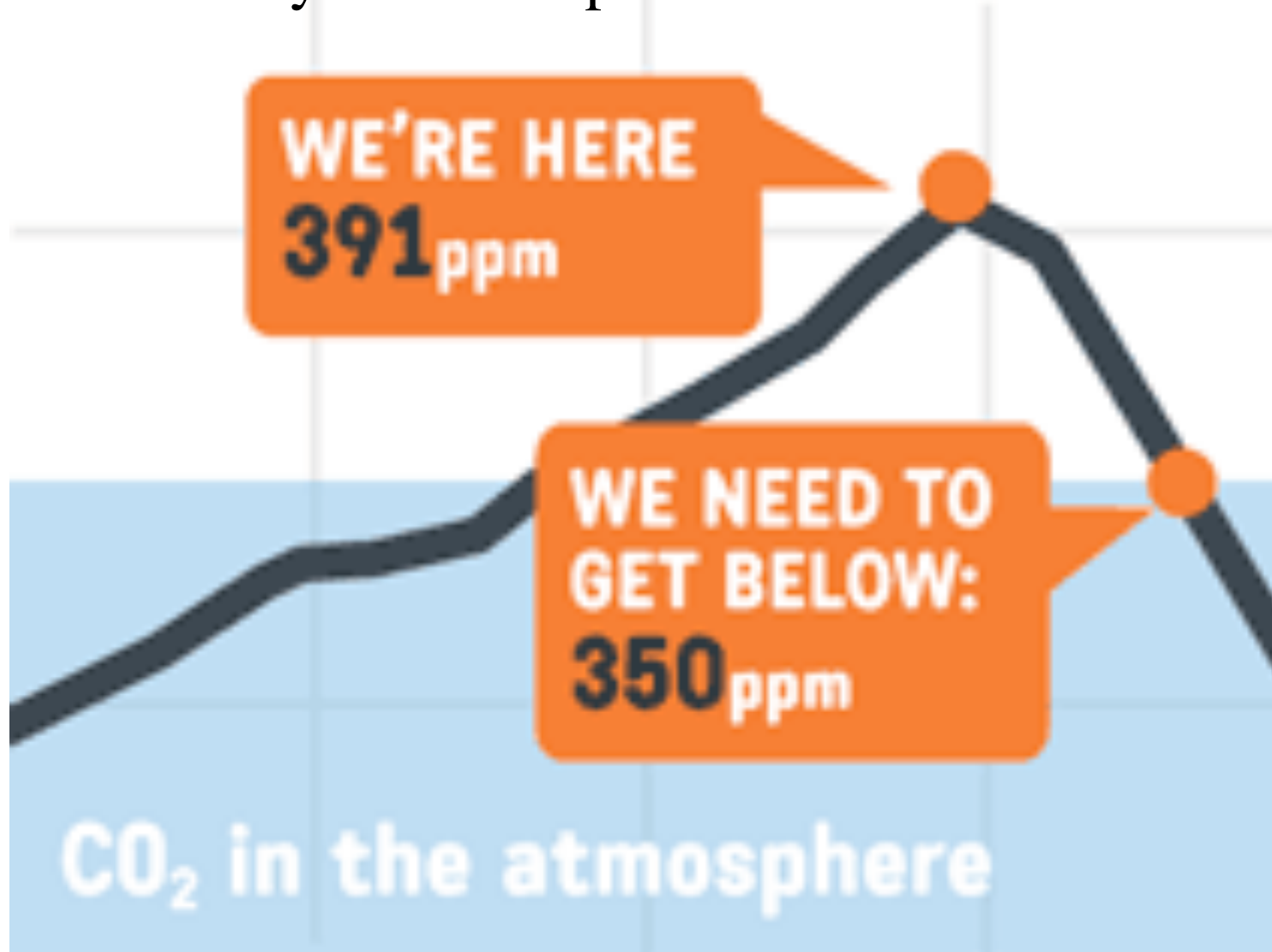
Nitrous oxide: ↑ by 18%

(a) Global atmospheric concentrations of three well mixed greenhouse gases

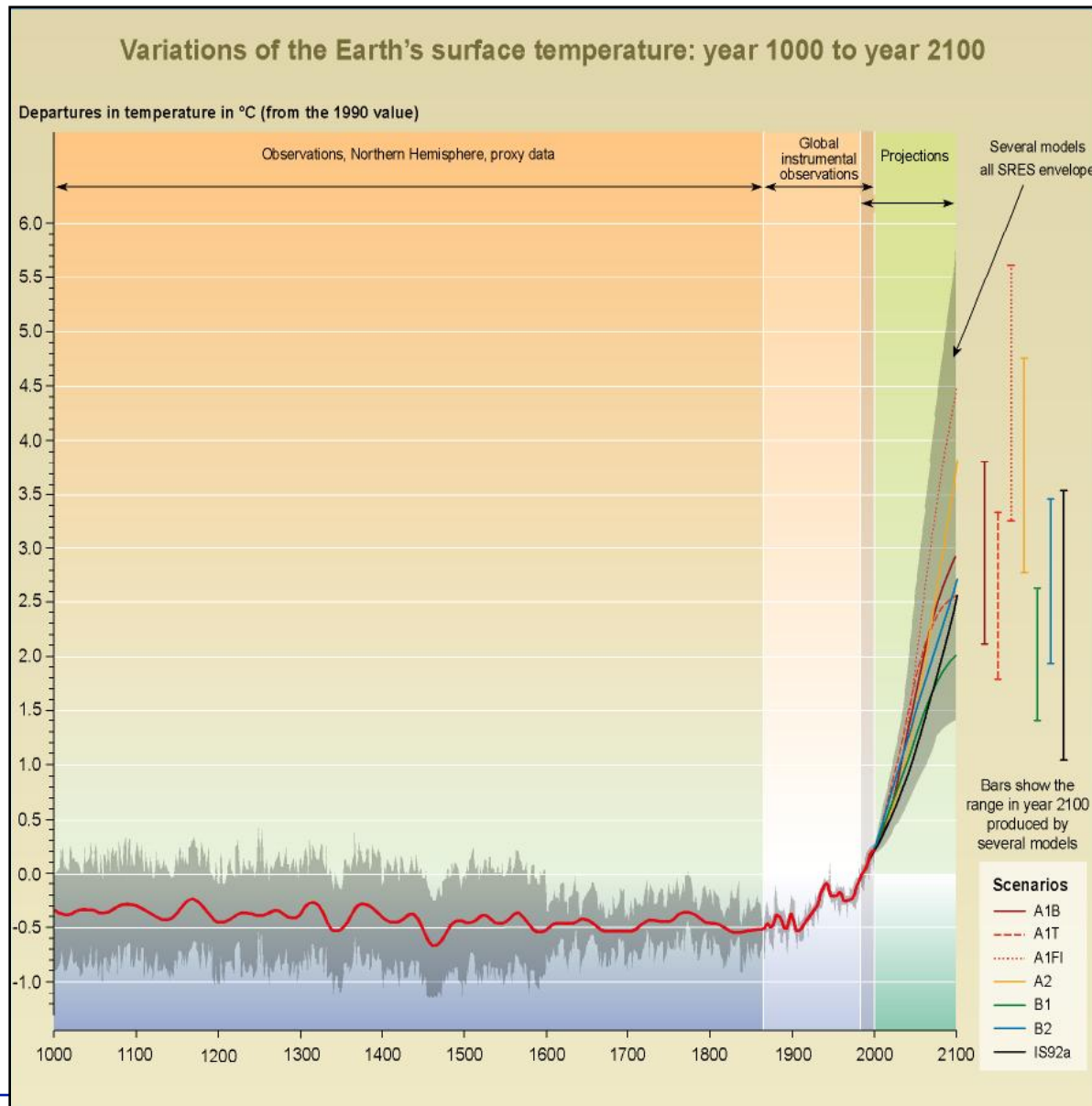


Climate Change: Background

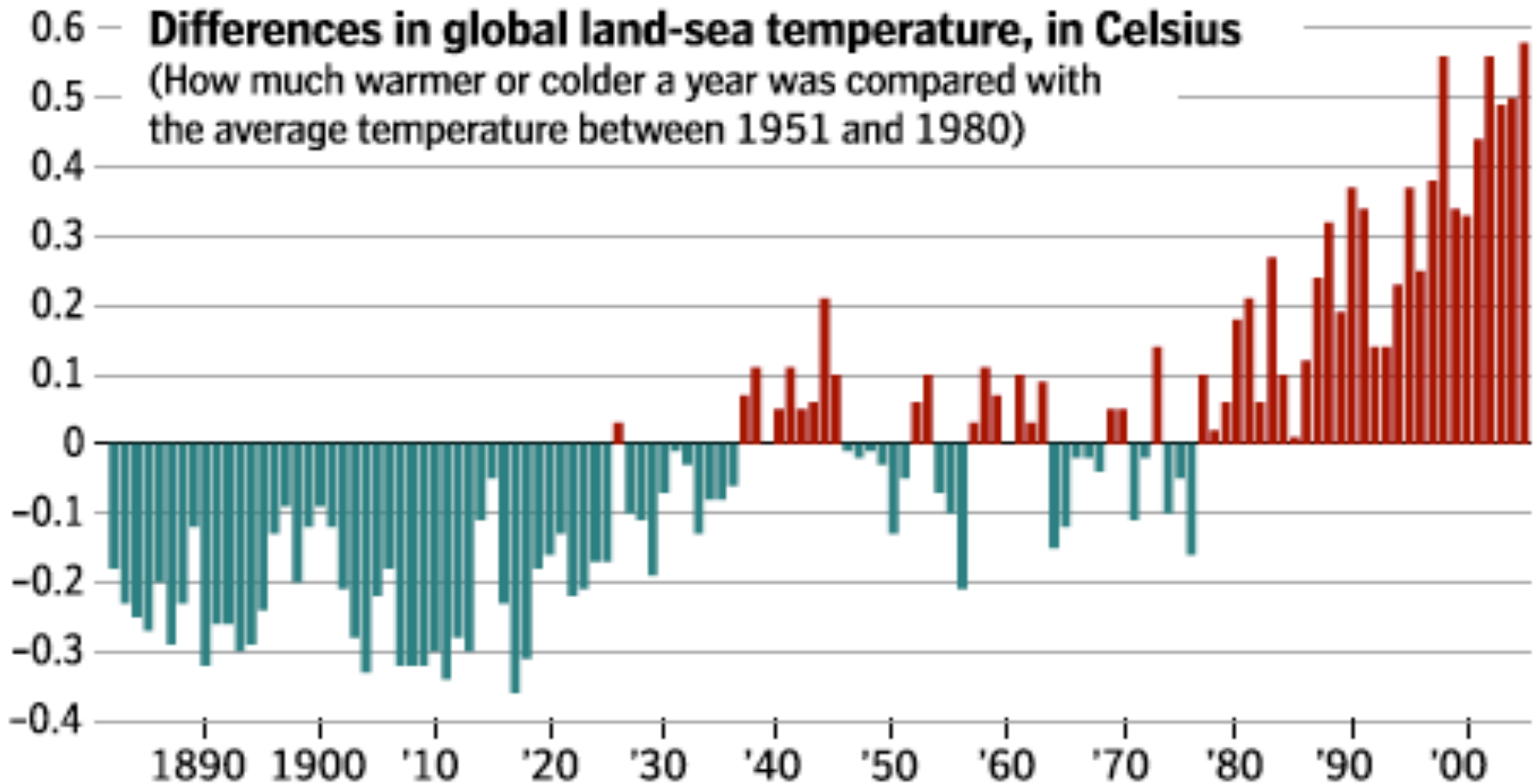
- Scientists say we've surpassed tenable GHG limits



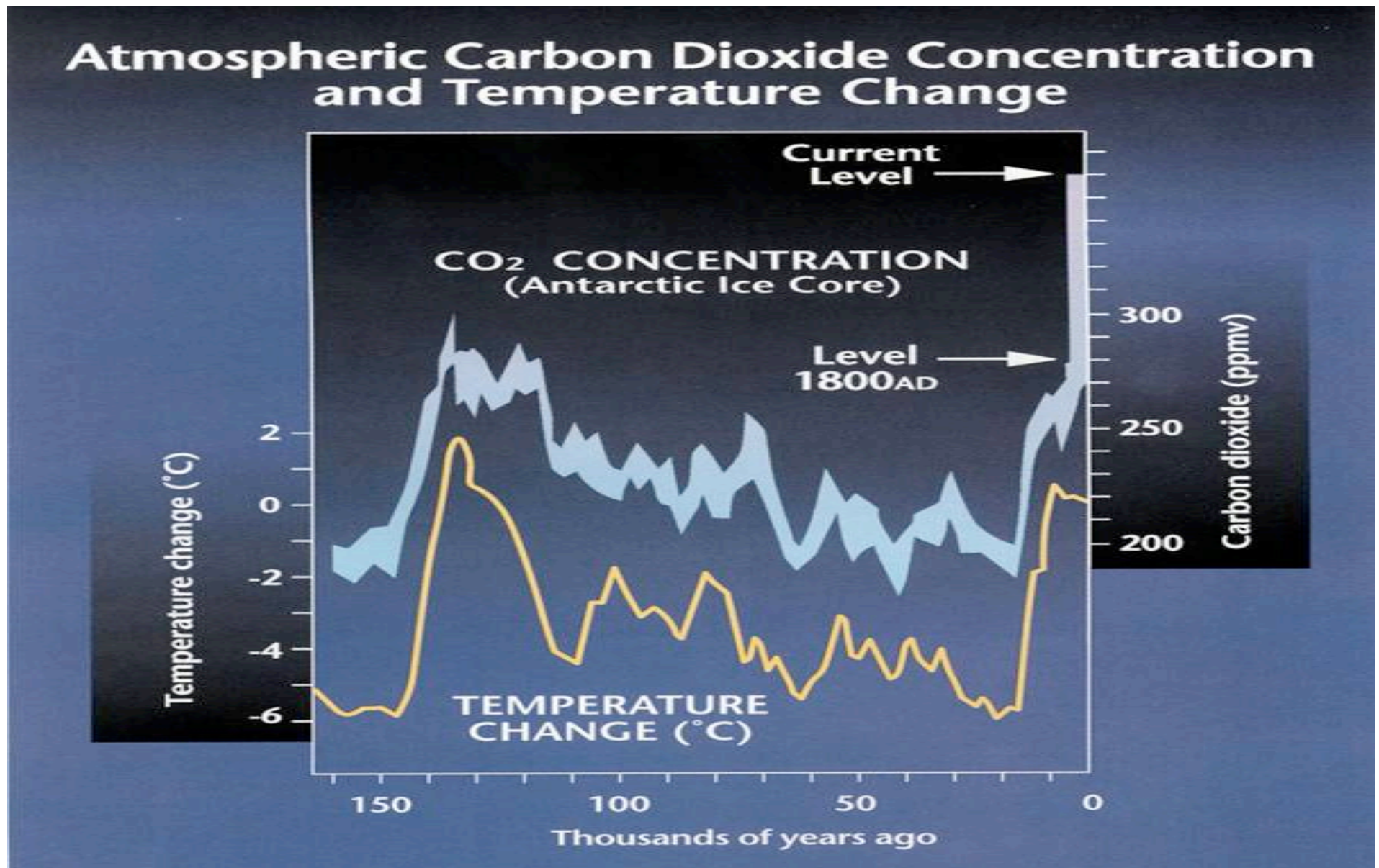
Climate Change: Background



Climate Change: Background



GHG/Climate Change: Background



GHG/Climate Change: Impacts

- Shift in weather patterns
- More intense weather patterns
- Emissions regulated
- Rising sea levels



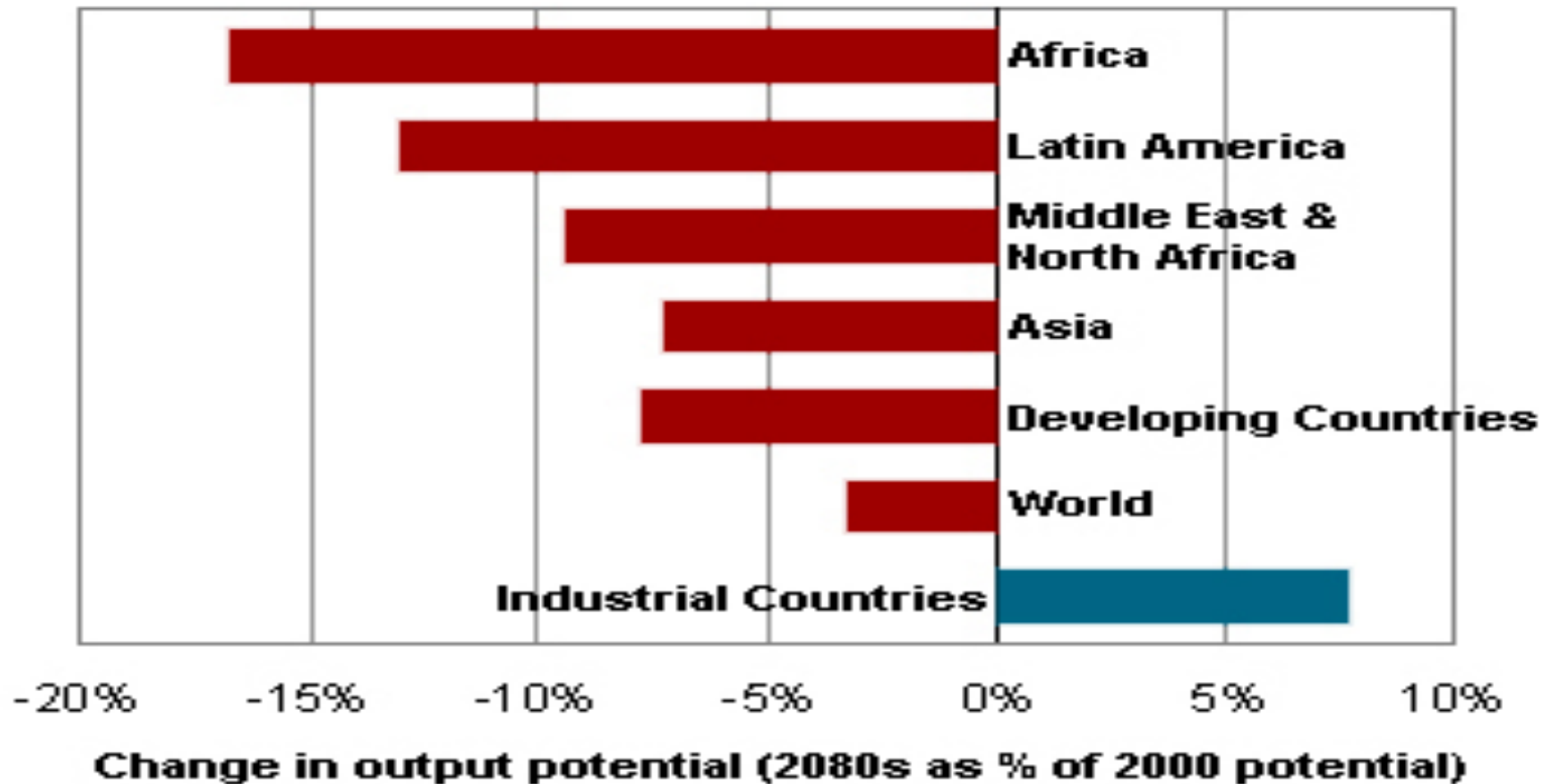
leading to...

- threat to agriculture, vulnerable communities, species
- Increased utility costs, regulatory costs passed on
- Increased stakeholder concerns



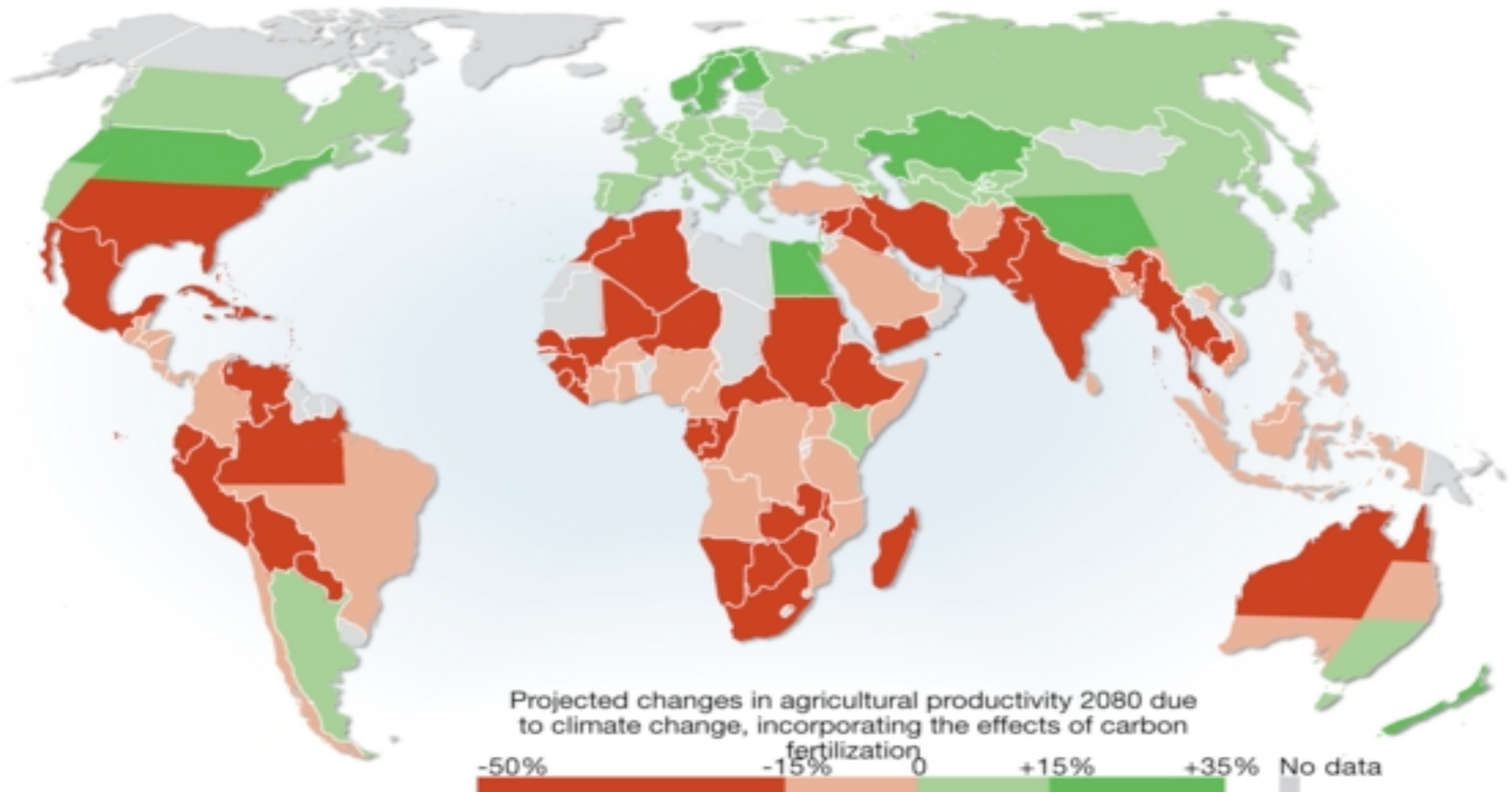
GHG/Climate Change Impacts

Estimated impacts to agricultural production (WRI)



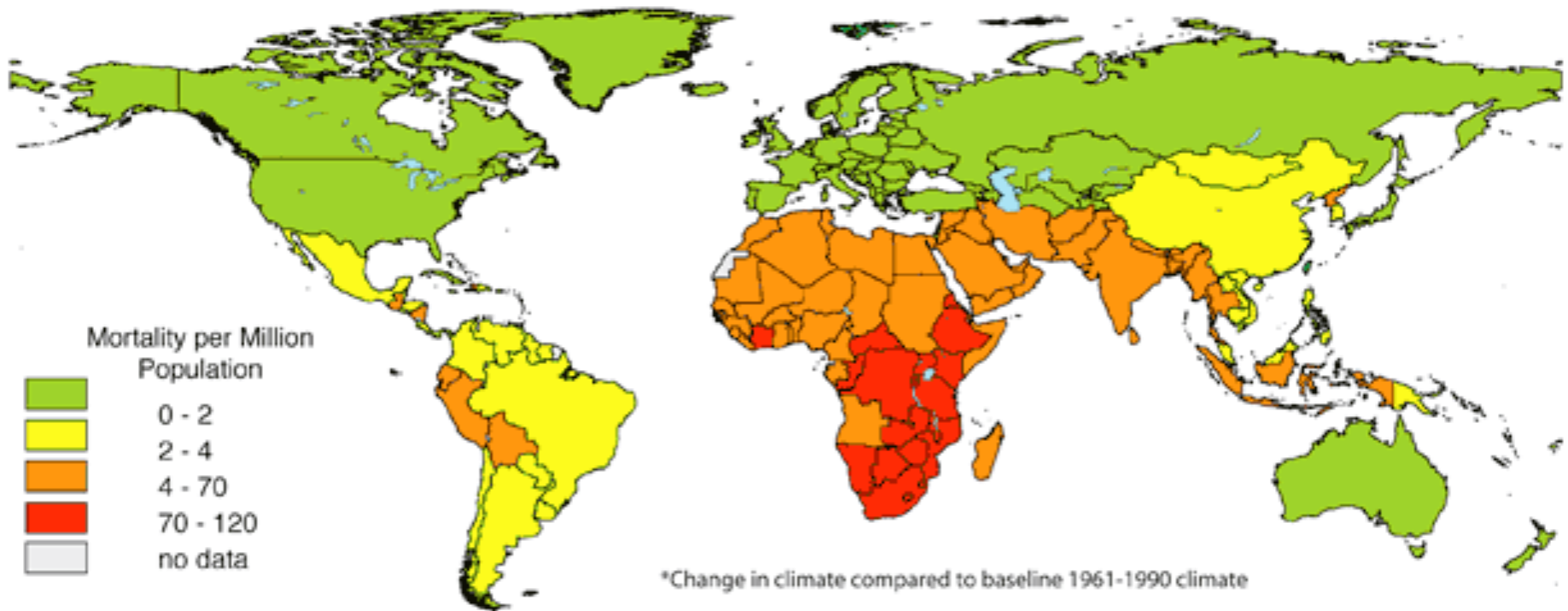
GHG/Climate Change Impacts

- Impacts to Agriculture by country (interactive version <http://ow.ly/4WSvF>)



GHG/Climate Change: Impacts

Estimated Deaths Attributed to Climate Change in the Year 2000, by Subregion*



Data Source:

McMichael, JJ, Campbell-Lendrum D, Kovats RS, et al. Global Climate Change. In Comparative Quantification of Health Risks: Global and Regional Burden of Disease due to Selected Major Risk Factors. M. Ezzati, Lopez, AD, Rodgers A., Murray CJL. Geneva, World Health Organization, 2004



Maps produced by the Center for Sustainability and the Global Environment (SAGE)

Resources

- USDA Climate Change resources
http://www.usda.gov/oce/climate_change/
- Organic agriculture and climate change
 - Rodale Institute <http://www.rodaleinstitute.org/>
 - Organic Center <http://www.organic-center.org>
 - Organic Farming Research Fnd: <http://ofrf.org/>
- 350.org: Climate change information <http://350.org>
- Climate change, emissions & business
 - BSR <http://bsr.org/>
 - CERES BICEP Coalition: <http://www.ceres.org/bicep>
 - Green America <http://www.greenamerica.org/programs/climate/>
 - Pew Center <http://www.pewclimate.org/>
 - US Green Chamber <http://www.usgreenchamber.com>



Questions?

