#### Fiji/Bonn Climate Conference COP23

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#### Climate Change = Survival, Justice Issue

- Science:
  - We are causing recent climate change, global warming
- Survival Issue:
  - We are seeing bad impacts **NOW**
  - Impacts **FAR WORSE** if we do not act
  - Disasters are made worse due to climate change

#### Justice and Ethics Issue:

- Poor and vulnerable smallest effect on climate change, but are hurt the worst by climate change
- More humane and cheaper for preventive action now, rather than disaster adaptation by our descendants if we do not act robustly now

# Climate Action: Justice and Survival SDGs - All tied to Climate Action #13



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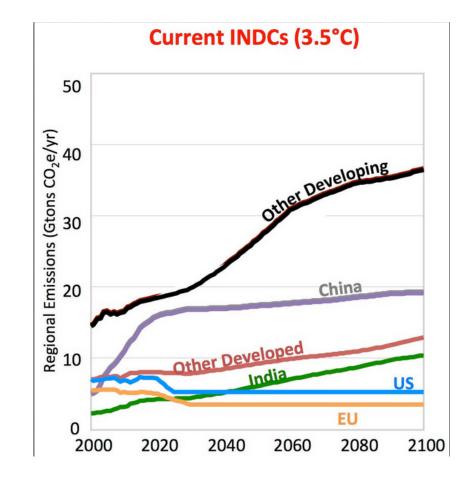
### ACTION: We CAN mitigate Climate

- Climate Change Risk Management
  - Change: All Deliberate Speed to renewables
  - Action: All levels local to global needed
    - Individuals, NGOs, businesses (private sector), cities, states, national, *international*

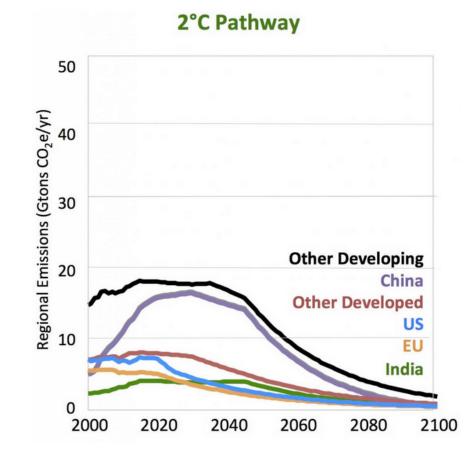




#### Paris NDCs if fulfilled gives +3.5°C by 2100, better than BAU, but FAR above 2°C goal



## Emissions all countries – must decrease by 2050 if +2°C in 2100



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# Fiji / Bonn Conference 2017





# COP23 FIJI

# **UN CLIMATE CHANGE CONFERENCE**

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# SUMMARY

- The Fiji/Bonn 2017 Climate Conference continued along the long road toward resolving problems that global warming/ climate change poses for humanity.
- The main problem is staying below the **carbon budget** necessary for a livable world, along with economic development and equity.

- The objective of more ambition is the main conference conclusion.
- While the US federal government is currently mired in an ignorant dinosaur stance, sub-national US entities are stepping up vigorously, possibly enough to fulfill the US NDC commitment under the Paris Agreement.

- Investors are stimulating business to calculate climate risk and act to mitigate that risk.
- The concept of risk management of climate change in the presence of uncertainties is becoming more understood and accepted.

- The transition to a distributed renewable energy economy, necessary for climate change mitigation and with gigantic economic opportunities is: underway, unstoppable, difficult.
- Fossil fuel companies with stranded assets, powerful contrarian ideologues, right-wing media spreading climate disinformation are big obstacles.

# **Climate Politics**

- Positive presence of Bloomberg, Brown
  - Unofficial US pavillon (no US govt. pavillon)
  - Trump threat: US out of Paris Agree. in 2020
- Future of International Climate Action
  - Climate leadership now China, EU
  - India and the energy equity issue
  - Competing national agendas
  - Steady progress is being made
  - Next year's conference COP24 in Poland

## Positive: Sub-national US action



# Talanoa Dialogue: "make wise decisions for the collective good"

#### Launch of the Talanoa dialogue



### WHAT CAN WE DO?

- INCREASE OUR CLIMATE ACTION !!
- Support climate action by cities, states, businesses, NGOs
- U.S. Public Opinion LTE, legislature call/fax...
  - Urge: Paris Agreement goals for YOUR city/state
  - Urge: "Hands off the CPP, EPA, NASA, NOAA"
  - Urge: Price on Carbon (Fee + Dividend)
- We should be optimistic (there is no alternative)
- "Somebody else" won't do it alone

#### • You can help



### Thank You



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