



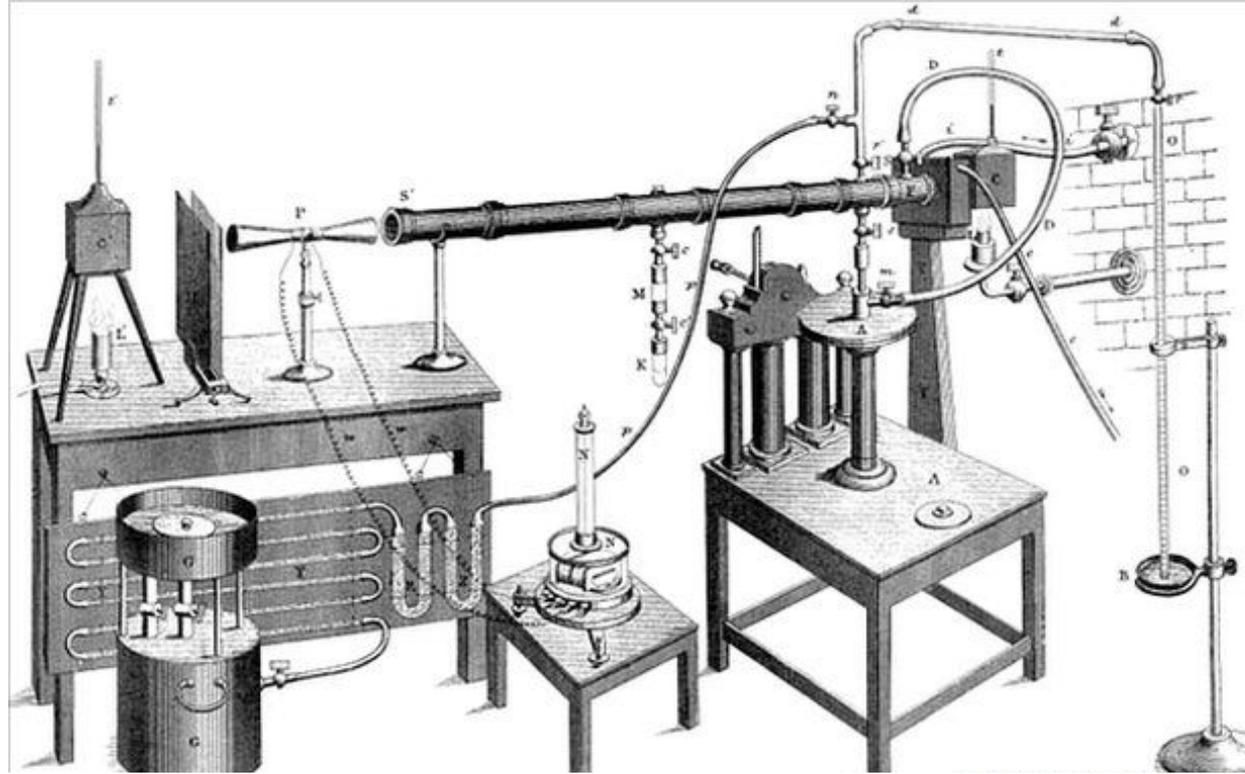
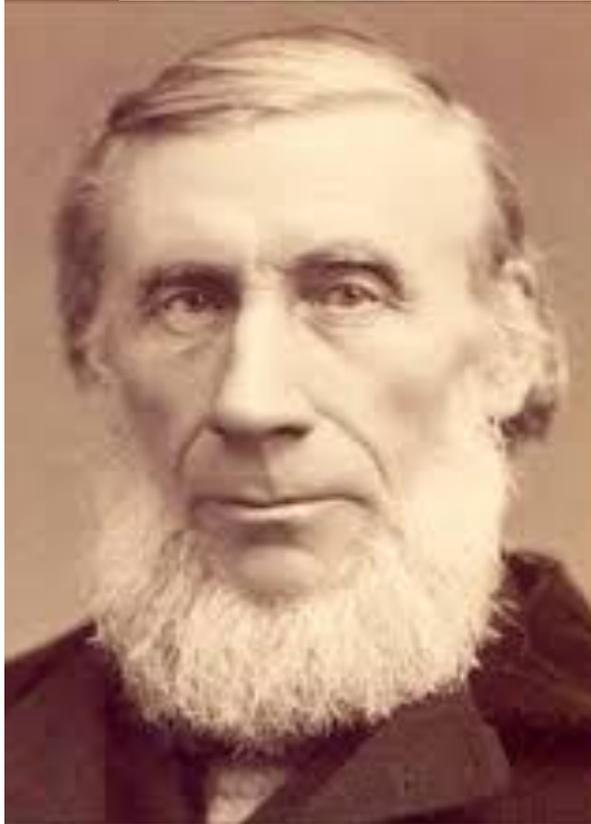
**CITIES POWER  
PARTNERSHIP**

# Cities, Climate Change and Solutions

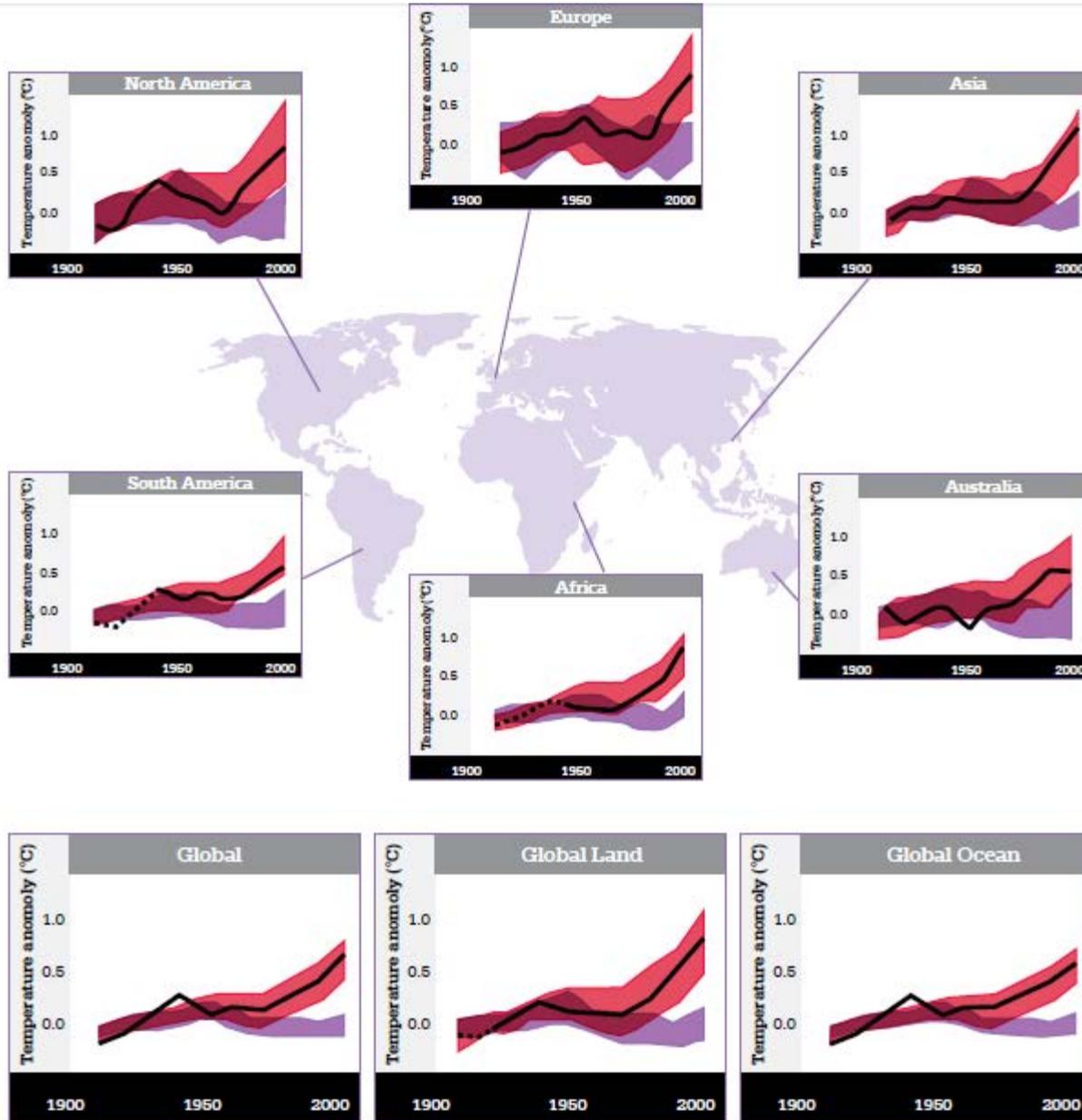
*Professor Tim Flannery*  
The Climate Council

# The Impacts

# John Tyndall, 1859

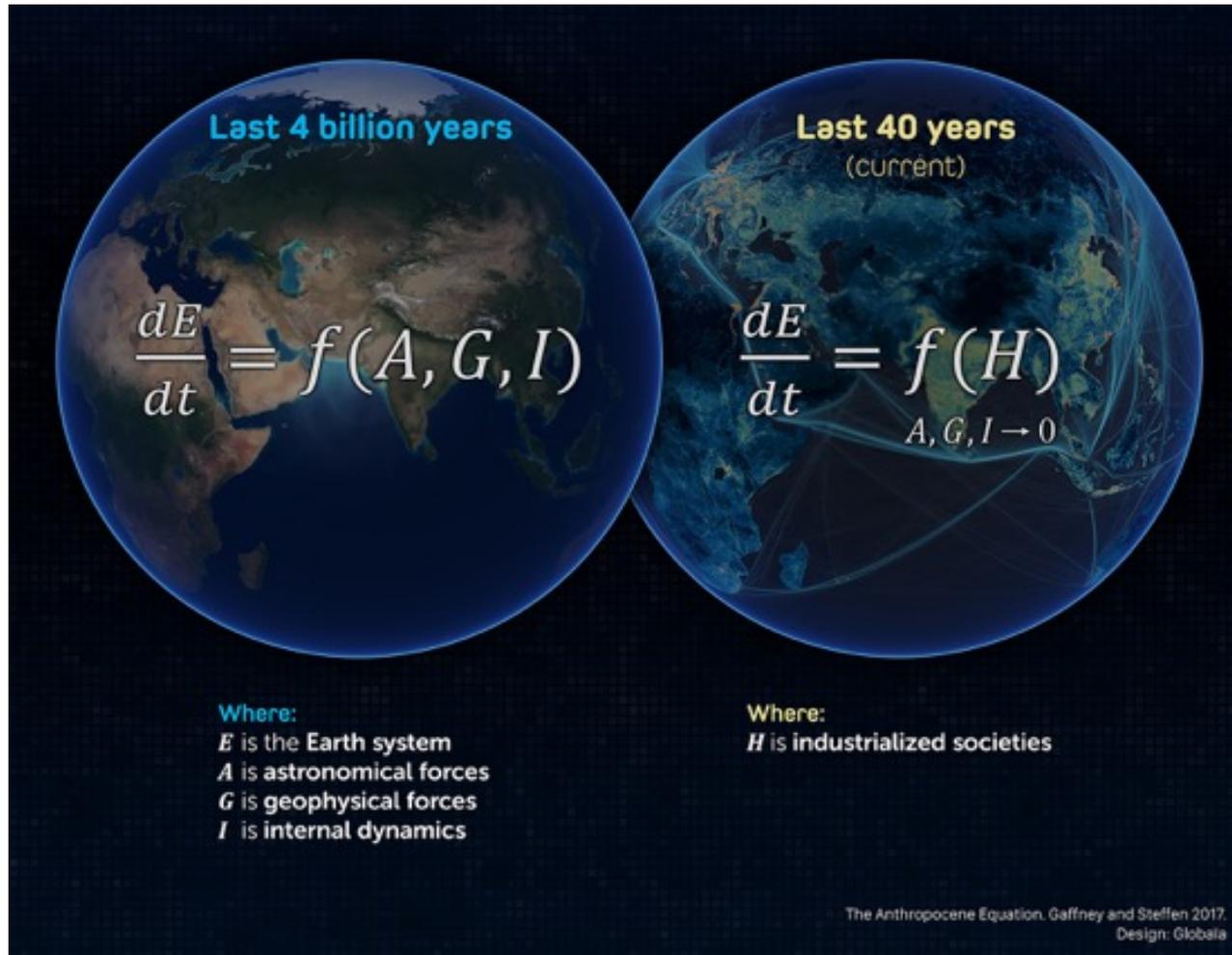


# The Human Influence

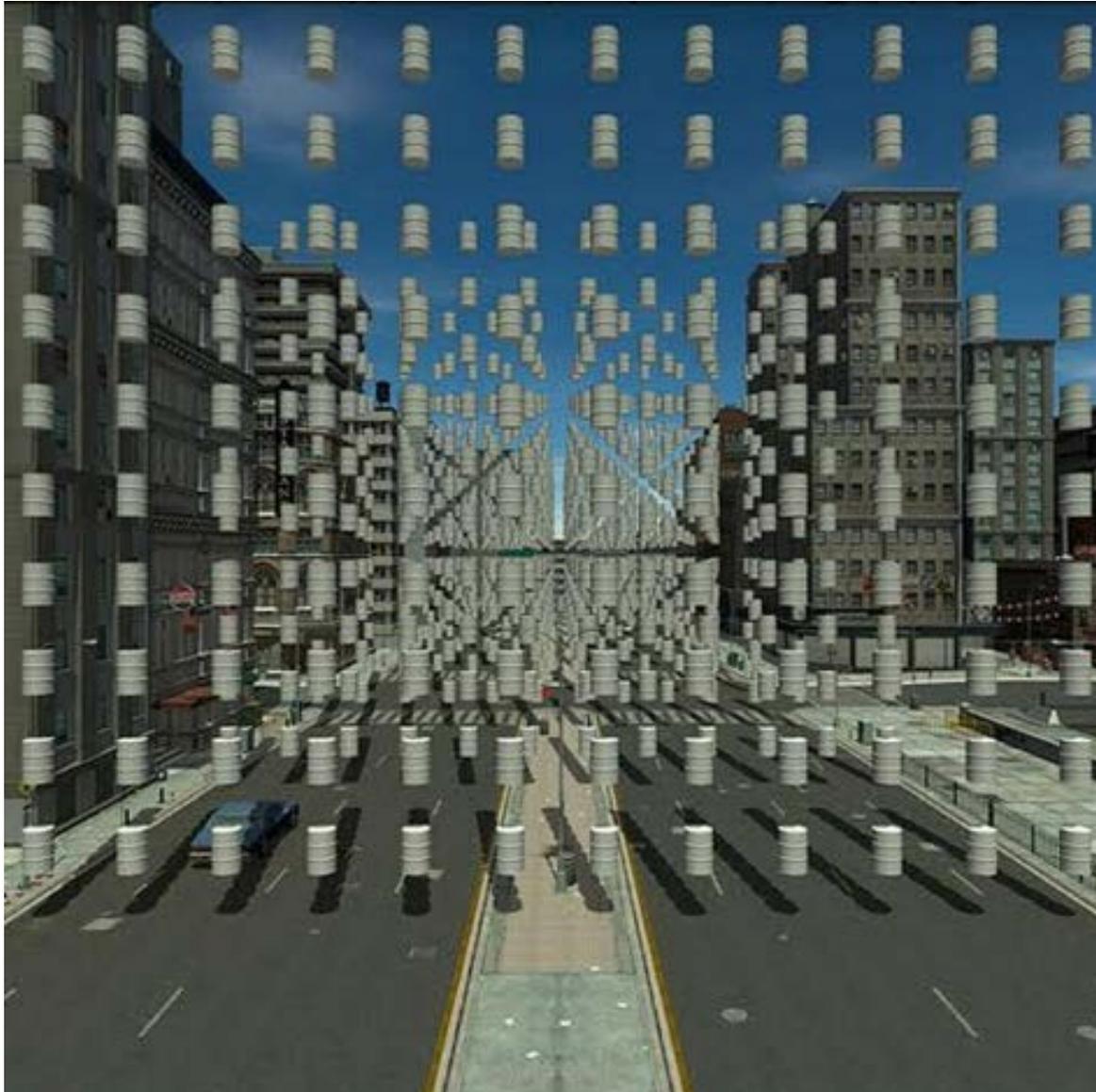


Source: IPCC, 2007

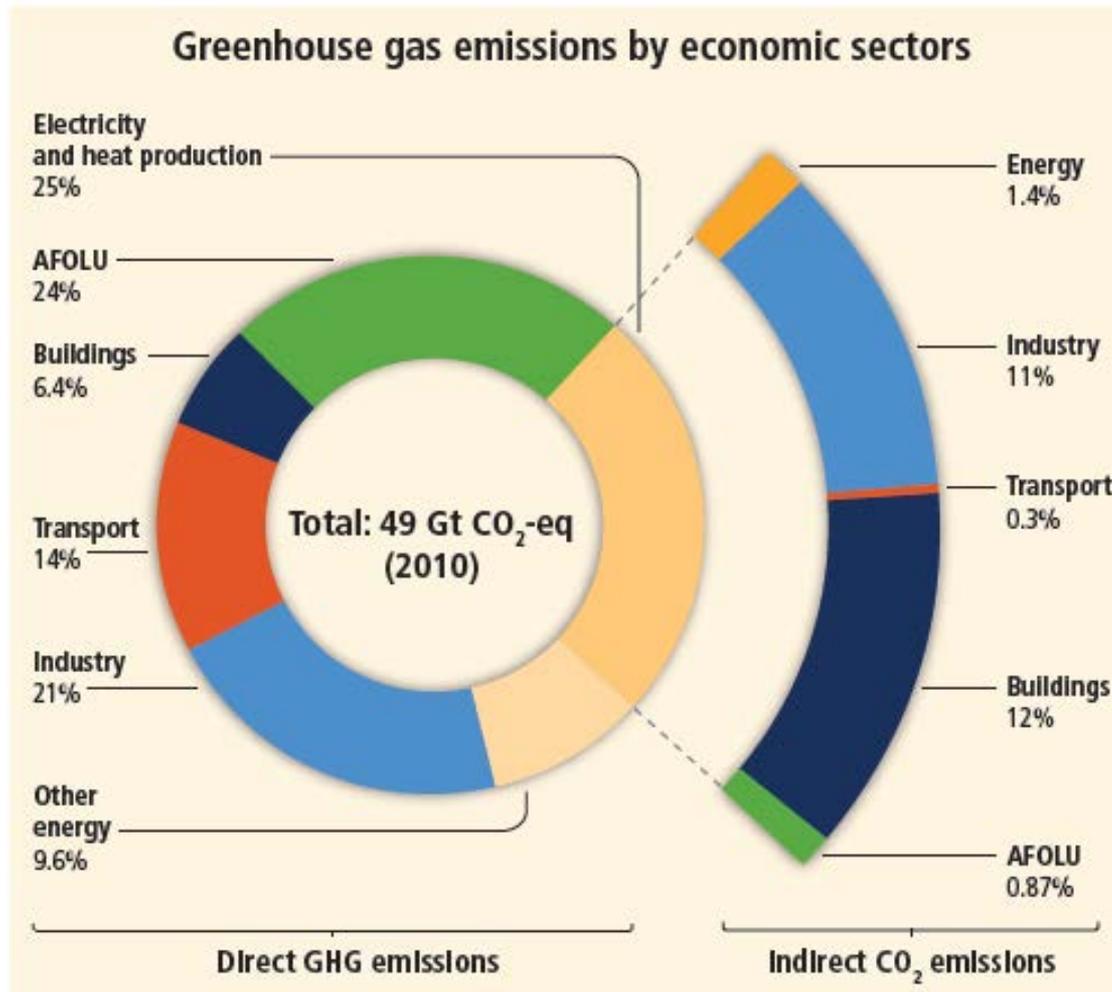
# The Anthropocene Equation



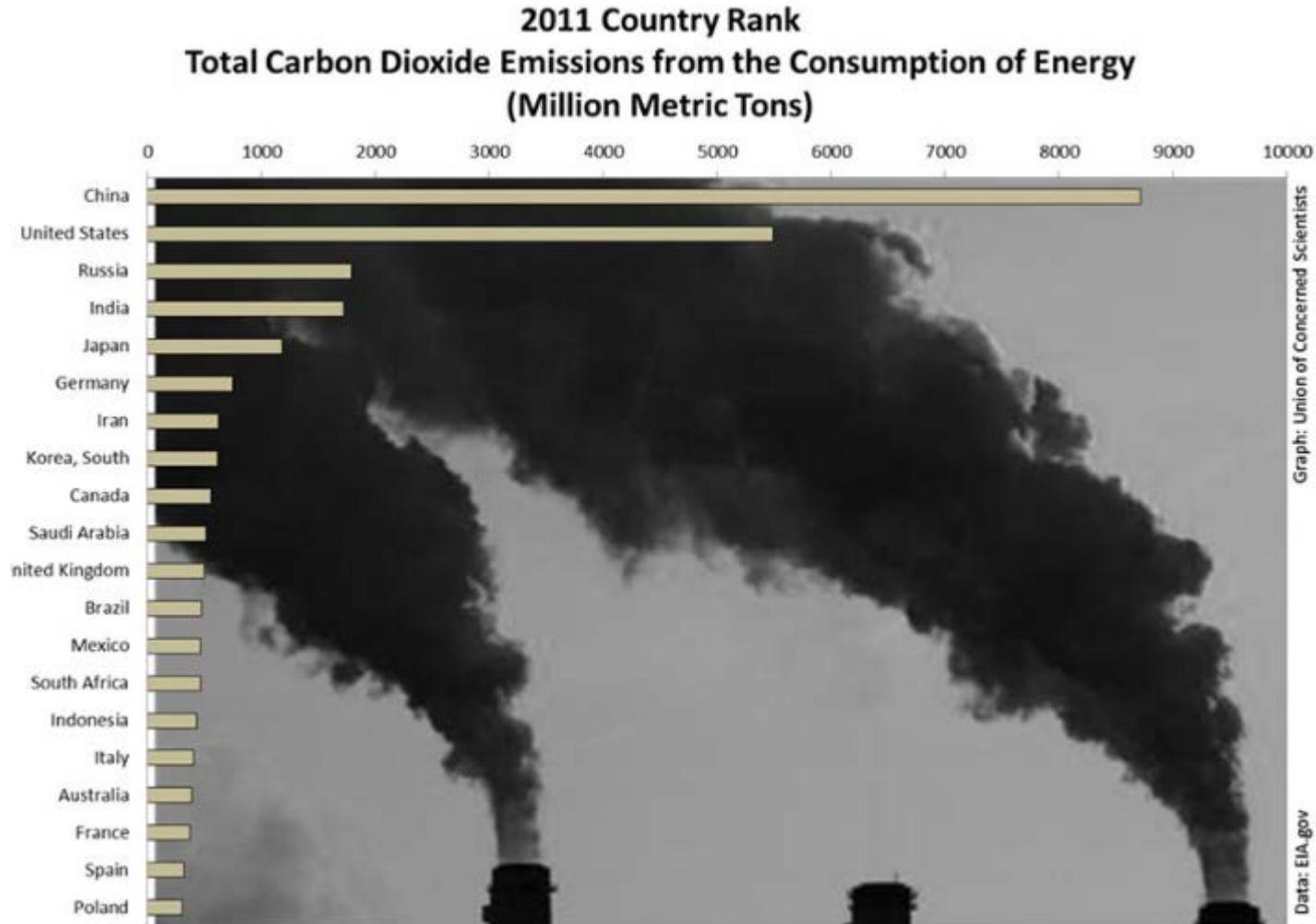
# Steve Halley: One Second



# Global Greenhouse Gas Emissions by Sector

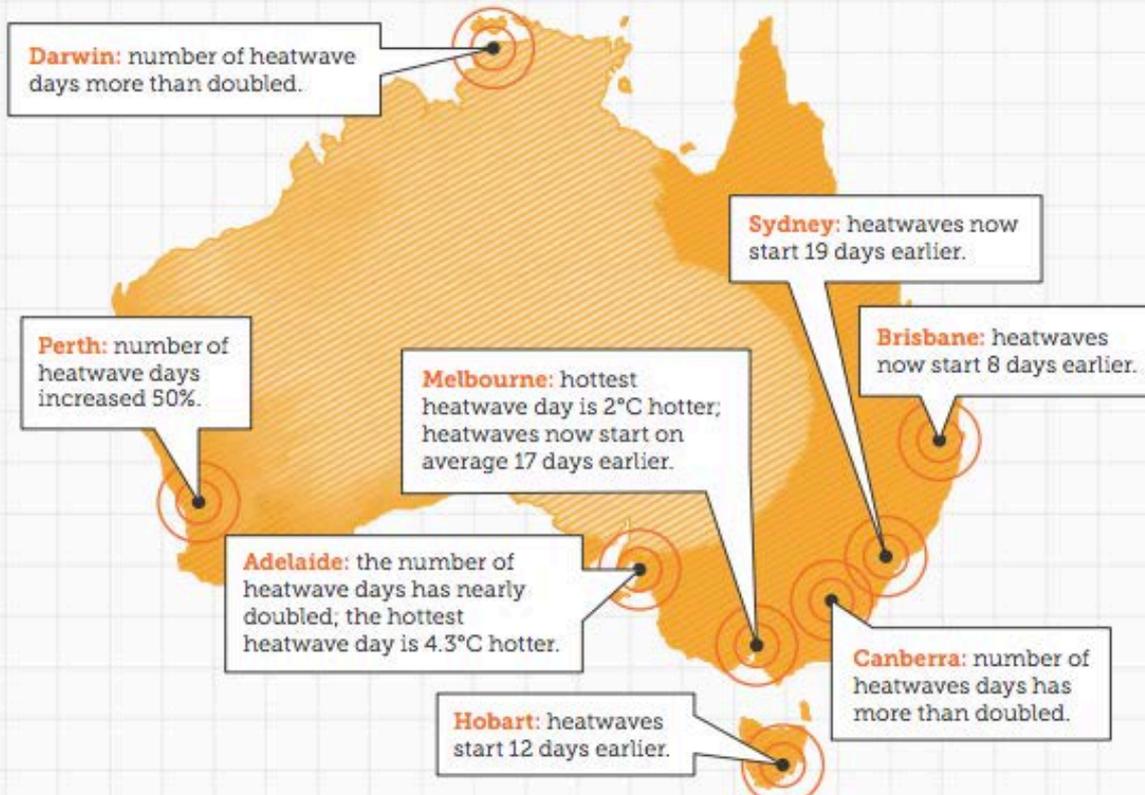


# Who is Responsible?



# What does this mean for cities?

## AUSTRALIA'S CAPITAL CITIES ARE EXPERIENCING HOTTER, LONGER & MORE FREQUENT HEATWAVES.



# Cities & Solutions

Cities can deliver 70% of total emissions reductions





**US \$375  
BILLION**

**INVESTED IN  
CLIMATE ACTION  
BY 2020**



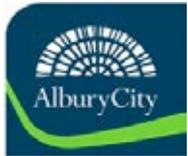






# The Climate Council and the Cities Power Partnership

# Round 1: 35 Power Partners



## Round 1: 35 Power Partners



## Round 2: 35 Power Partners



Bellingen Shire COUNCIL



## Round 2: 35 Power Partners



# CPP FIRST 6 MONTHS

70 member councils

25 events around  
Australia reaching 5000  
people

1000 media items for  
member councils

Digital content and videos  
reaching 100,000+

5000 people nominating  
their council to join CPP

# BOGIE BULK BUY

## SOLAR PANEL BULK PROGRAM

392 KW INSTALLED IN 15 WEEKS, \$176,000 SAVINGS PA  
LOCAL COMMUNITY ORGANISATION SOLAR DONATION



# LOGAN CITY OFF GRID WATER PLANT

323 SOLAR PANELS & 95KWH BATTERY = \$50,000 PA SAVINGS



# BEGA VALLEY IMAGINE SOLAR FARM

30KW SOLAR PV ON TATHRA SEWERAGE TREATMENT  
COMMUNITY, COUNCIL PARTNERSHIP





# CITIES POWER PARTNERSHIP

**SUMMIT 2018**

**ACCELERATING LOCAL ACTION**

## Save the date

**October 18-19, 2018**  
**The Pavilion, Kiama NSW**

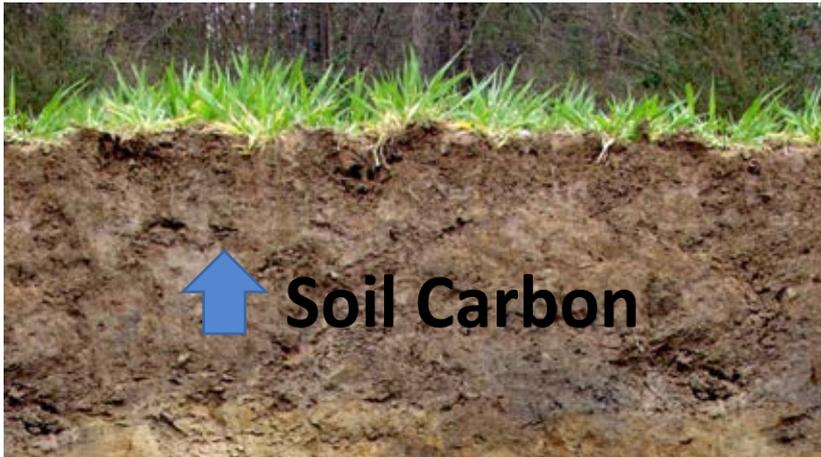
[www.cppsummit.org.au](http://www.cppsummit.org.au)

# The Third Way

# The Virgin Earth Challenge



# Biological and Chemical Pathways to remove $\text{CO}_2$



Reafforestation



Seaweed Farming

# Carbon negative concrete



The Future

# London 1917



# Geneva 1950



# Jet Aircraft 1950



# Nuclear Blast 1950



# What will 2050 be like?



# Canterbury Bankstown CPP Pledges

- Support the community with the uptake of renewable energy through the “Our Energy Future” program
- Undertake investigations, options and costings for the installation of additional renewable energy at Council buildings, facilities and open space.
- Develop an Electric Vehicle (EV) charging strategic plan, including public spaces and new strata developments
- Develop a specific precinct DCP for new multi-unit apartments in the Sydenham to Bankstown Urban Renewal Corridor, to reduce energy use and improve sustainability outcomes.
- Investigate alternative to landfill for Councils household waste stream, including energy from waste (EfW) technologies