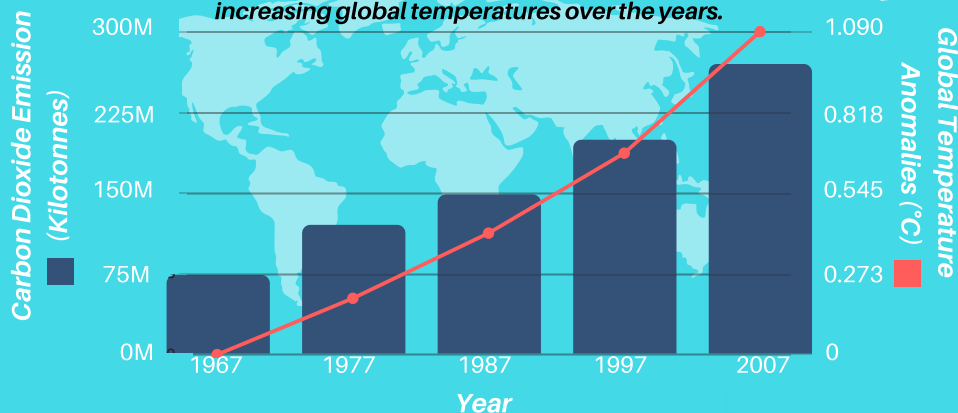


WALKING ON THIN ICE

Greenhouse gases absorb and trap heat, and CO2 being the most abundant, has been the main contributor towards increasing global temperatures over the years.

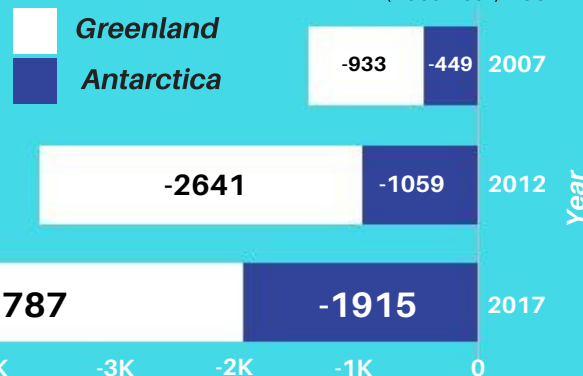


VITAL SIGNS OF OUR PLANET

1967-2017 +1.34°C

Land Mass Lost (Gigatonnes)

(Base Year) 2002



RATE OF MASS LOST

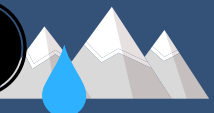
-127 GIGATONNES PER YEAR

-286 GIGATONNES PER YEAR

Arctic is predicted to free by mid century

WHY WORRY?

1



Rise In Sea levels

26,000,000

People around the world already displaced due to rising sea levels.

150,000,000

est. refugees by 2050

According to History, Migration Leads to Conflicts

+3.2mm /year

2



Permafrost Thawing

Permafrost contains organic carbon. If the Arctic Permafrost thaws, the frozen organic material decays, releasing an est. **1400-1800 Billion Metric Tonnes** of CO2 (Approximately 4X the CO2 emitted by Human Activity since 1850)

3



Habitat Lost

PROJECTIONS:

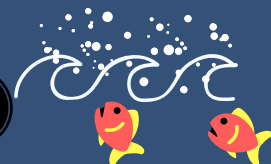
Polar Bears:

Population: 20000-25 000 (By 2050) Population **-30%**

Narwhal:

Population: 50 000 **-10%** per year

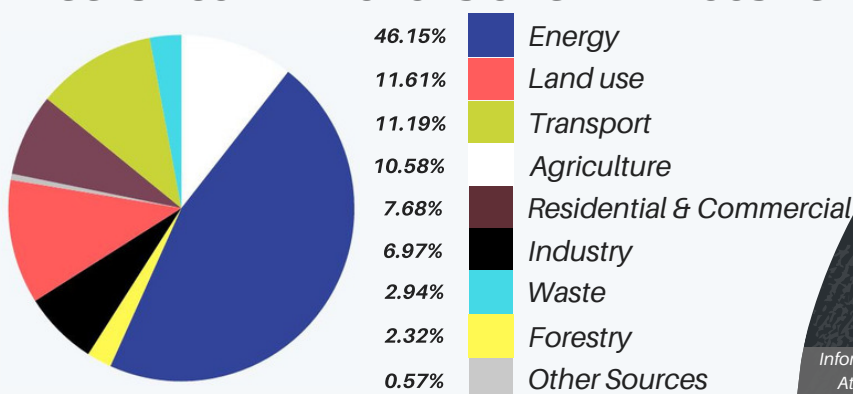
4



Change In Ocean Currents

Warm freshwater added from melting glaciers cause the cold water to sink. This could disrupt the Ocean Conveyor Belt (Ocean circulation) which results in drastic temperature changes.

BIGGEST CONTRIBUTORS OF GREENHOUSE GASES



Lets NOT Take This Planet For GRANTED

- ✓ Rely on renewable Energy sources
- ✓ Recycle Waste
- ✓ Control emissions from vehicles and factories
- ✓ Prevent deforestation
- ✓ Spread awareness