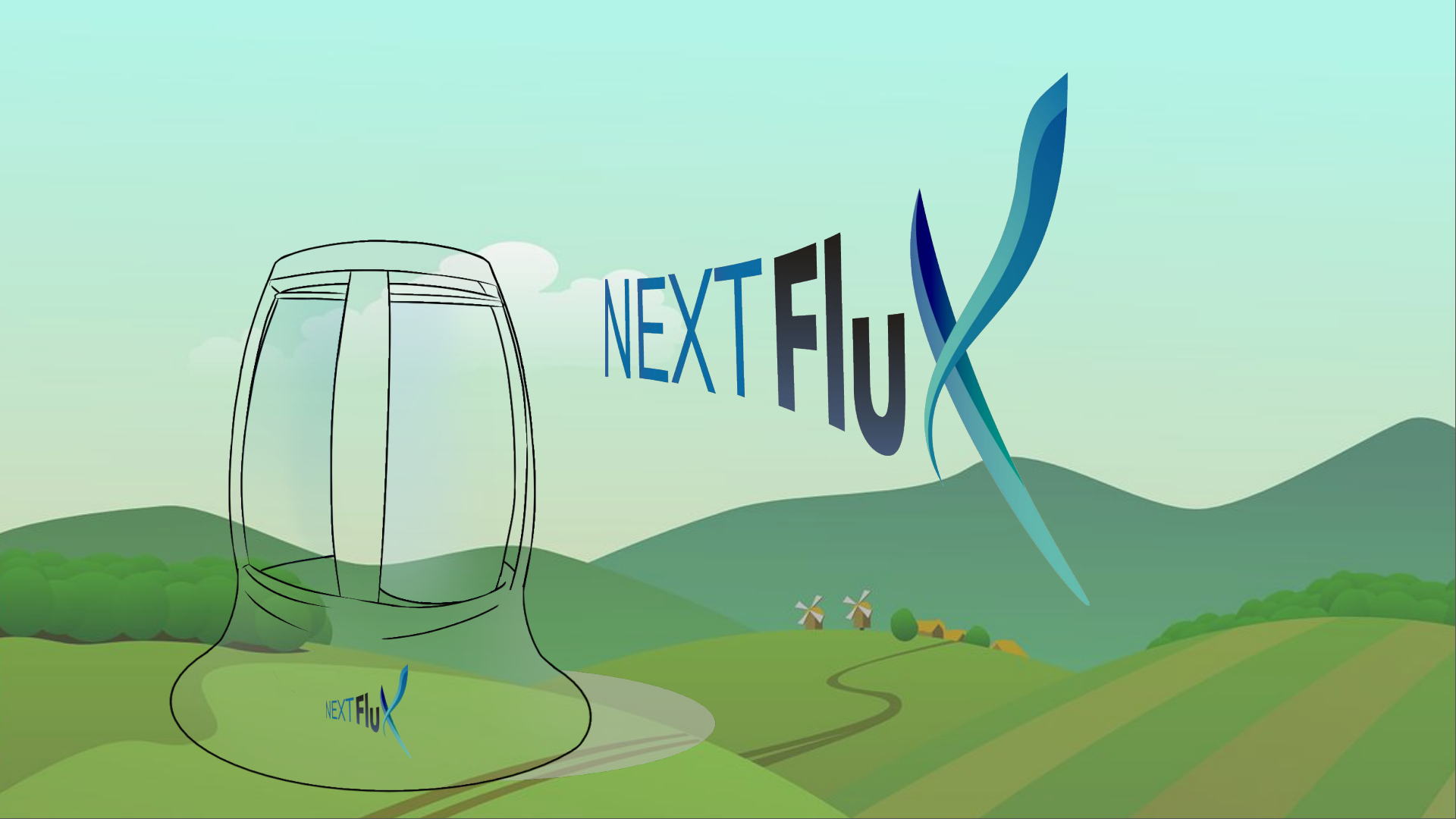
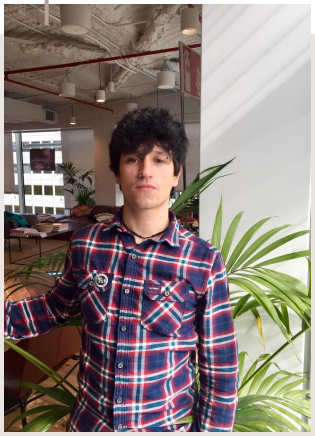

NEXTFluX
NEXTFluX

OUR TEAM

DAMIAN RENE



Energy and Microcontrollers

MARTA BENITO

Mechanical Engineering

RUBEN SANTANA

Physics

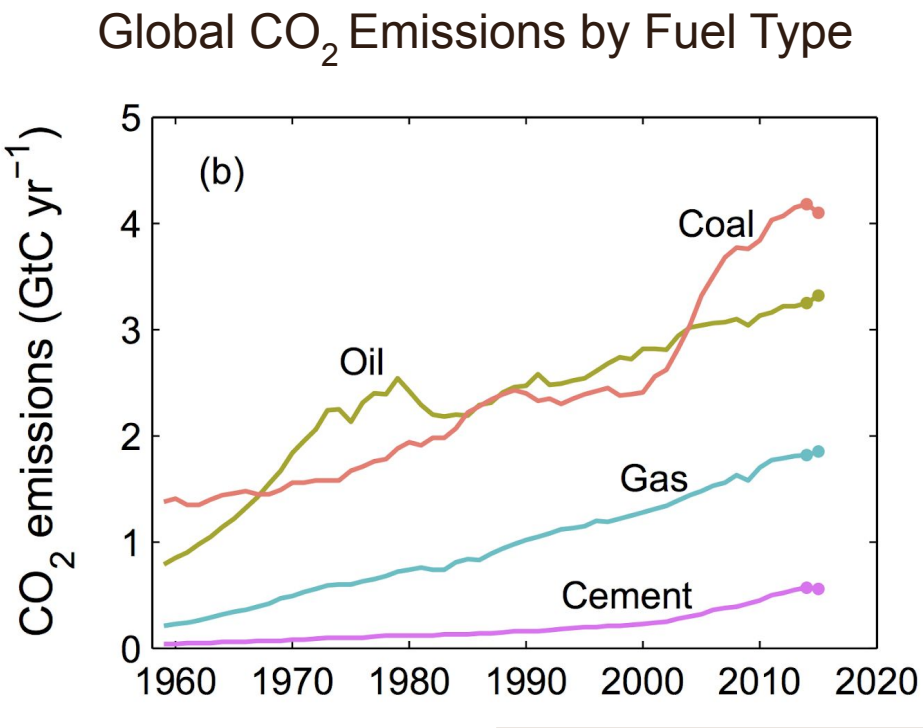
CELIA TUNDIDOR

Biomedical Engineering

THAO TRAN

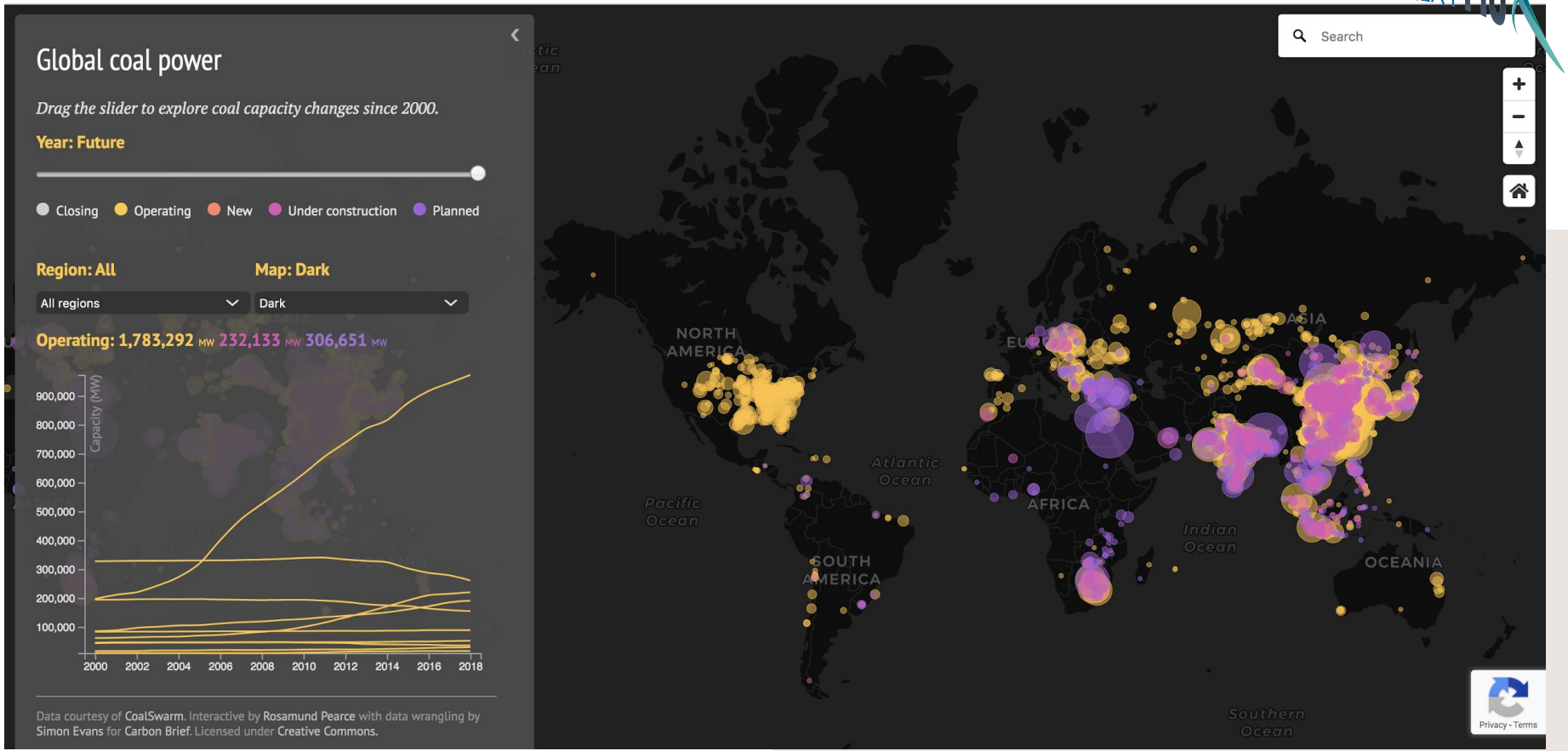
Environmental Earth Science

WARMING PLANET CULPRIT: INCREASED GREENHOUSE GAS EMISSIONS



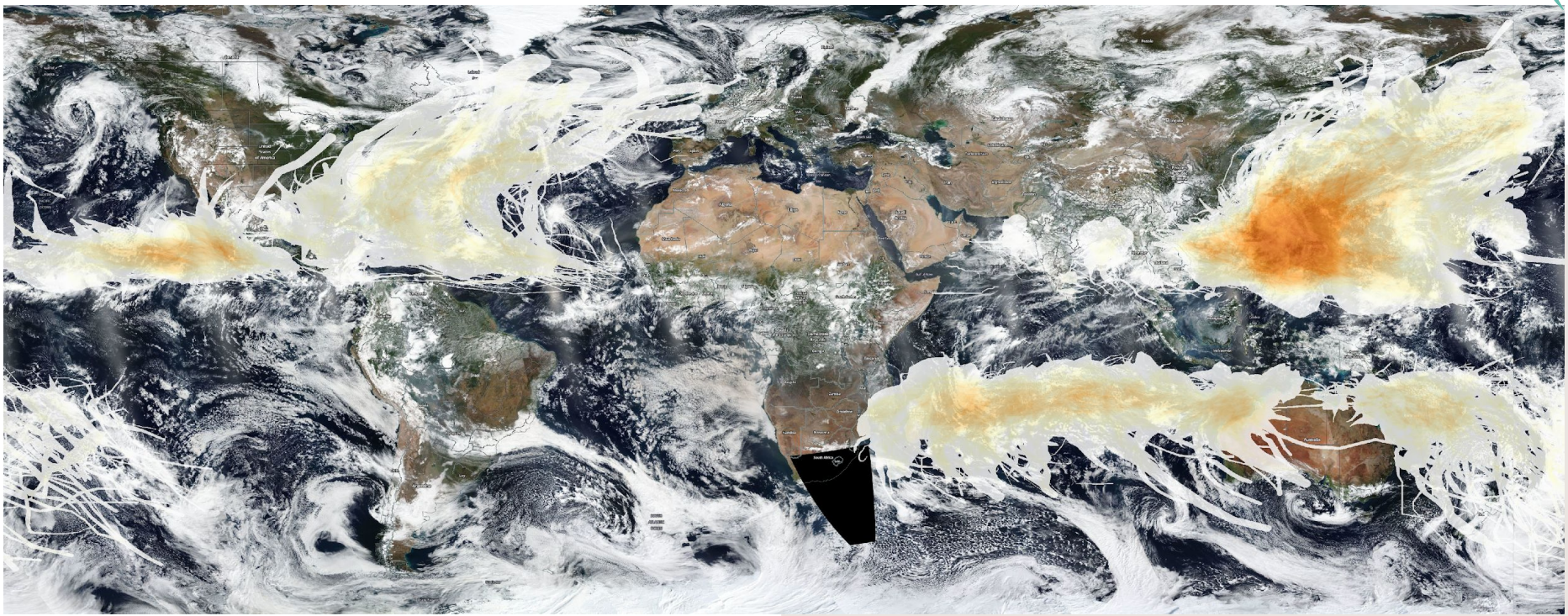
Source: Carbon Dioxide Information Analysis Center, Global Carbon Budget 2016 Report, https://cdiac.ess-dive.lbl.gov/GCP/

OUR MOTIVATION



Source: Carbon Brief's map of global coal power plants. https://www.carbonbrief.org/mapped-worlds-coal-power-plants

GLOBAL CYCLONE HAZARD FREQUENCY AND DISTRIBUTION (1980-2000)

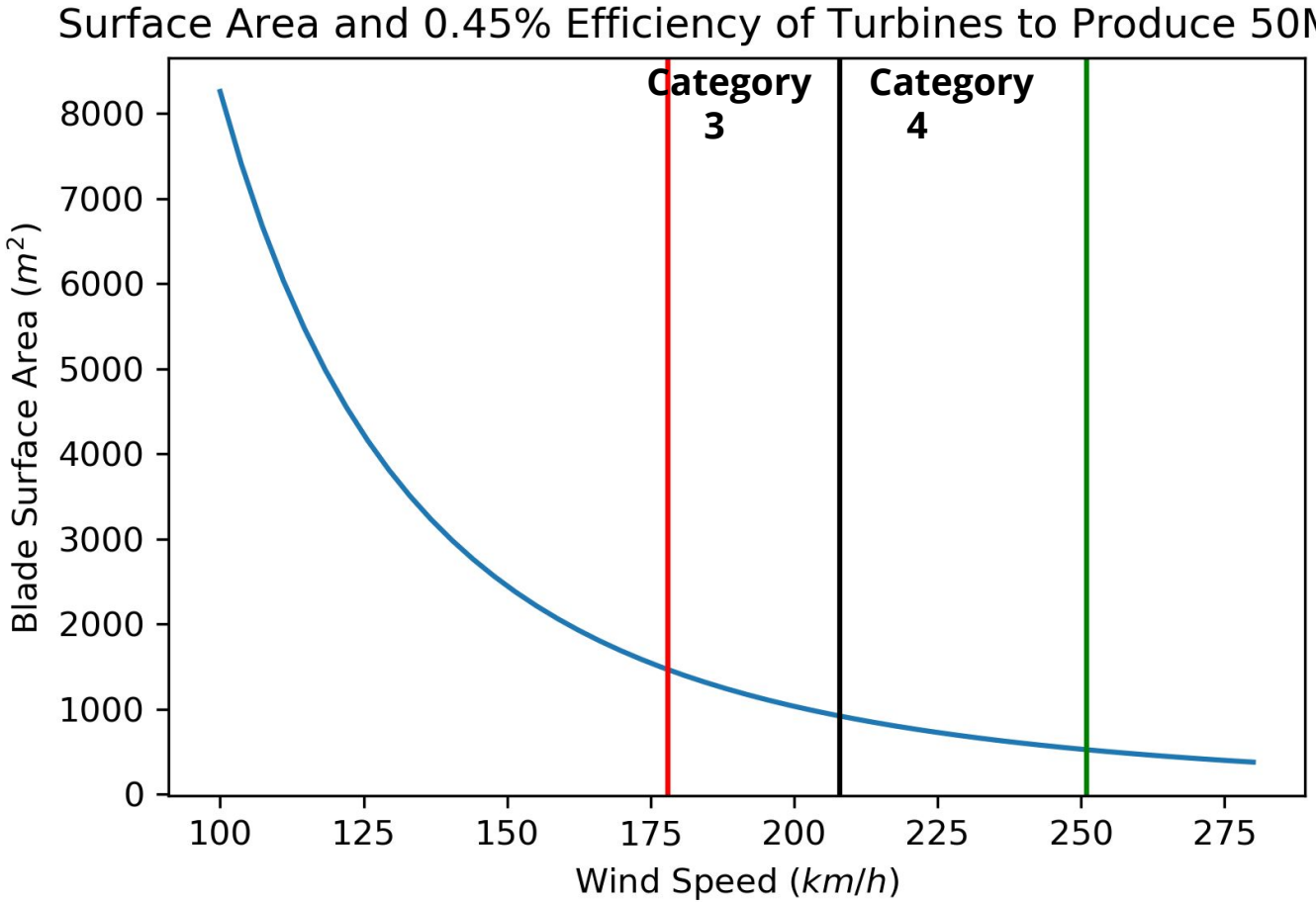


Source: NASA's Earth Observing System Data and Information System (EOSDIS) Worldview Tool

OUR TECHNOLOGICAL INNOVATION

To adapt to climate change induced natural disasters, we need to be able to constantly change with these changing conditions. NextFlux is the innovation of the future!

OUR SOLUTION



ABOUT US

Inspired by NASA's Space Apps Warming Planet, Cool Ideas challenge, we designed NextFlux, a resilient wind turbine that can harness energy from tropical cyclones and offset existing greenhouse gas emissions.

TARGET AREAS

Project 1
United States of America

Project 2
Asia (especially China, Taiwan, and the Philippines)

Regions that are tropical cyclone prone and have GHG emitting power plants (primarily coal).

NEXT STEPS

01

PROJECT 1

Reach maximum efficiency and revolutionize the wind industry

02

PROJECT 2

Bring NextFlux paradigm to Asia, where coal plants are preferred over renewable energies, even for future projects