



WORLD
RESOURCES
INSTITUTE

Open Energy Data at WRI

Logan Byers logan.byers@wri.org

Challenge: Power Sector Impacts & Lack of Data

41% of global carbon dioxide emissions

18% of freshwater withdrawals

1 billion+ people lack access to electricity

Major contributor to **local air pollution**

However there are no reliable datasets on the environmental impacts of individual power plants.

PM_{2.5} LEVELS

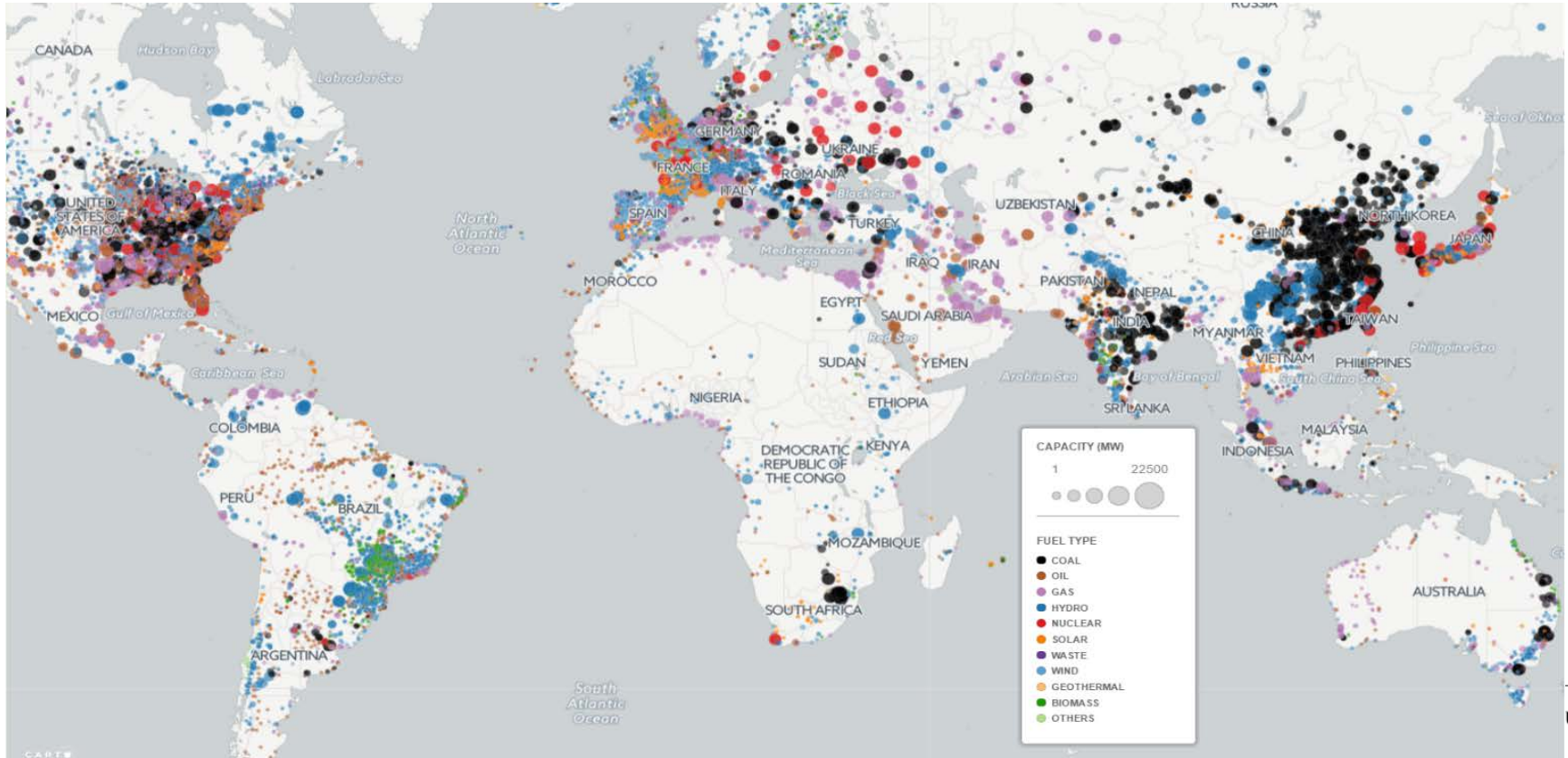
0.03 49.92 153

COUNTRIES

CITIES

Background: Air Pollution and Power Plant Location, Source: Yale, EPI

Mapping Power Plants & Their Impacts



Detailed Data

Conemaugh Generating Station

Location: **New Florence, PA, USA**

Latitude: **40.3864**

Longitude: **-79.0558**

Install Capacity: **1,872MW**

Ownership: **GenOn Energy**

Fuel Type: **Coal**

Cooling Type: **Close Cycle Wet Cooling**

Est. Operation Rate: **90%**

Est. Water Withdrawal: **7.5 MGals/day**

Est. Water Consumption: **3 MGals/day**

