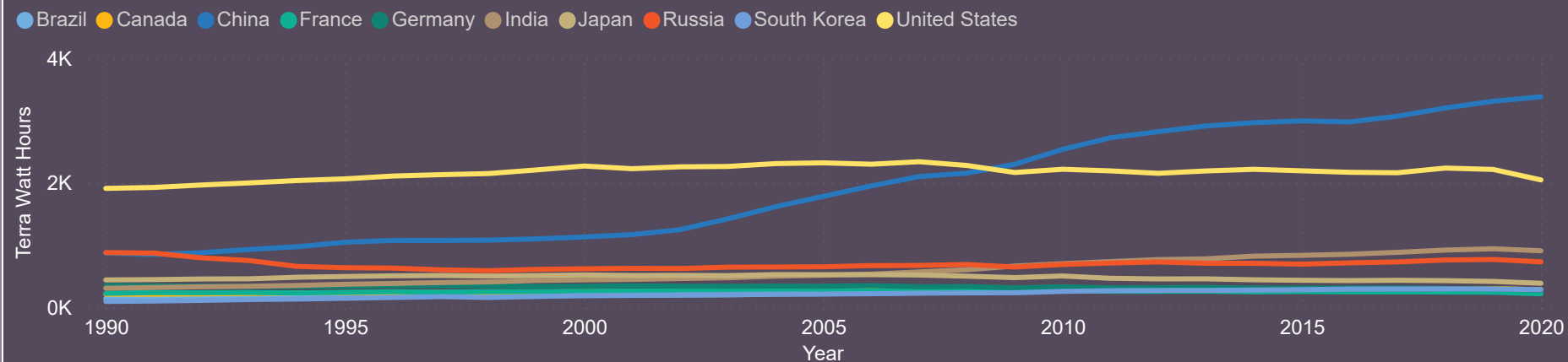
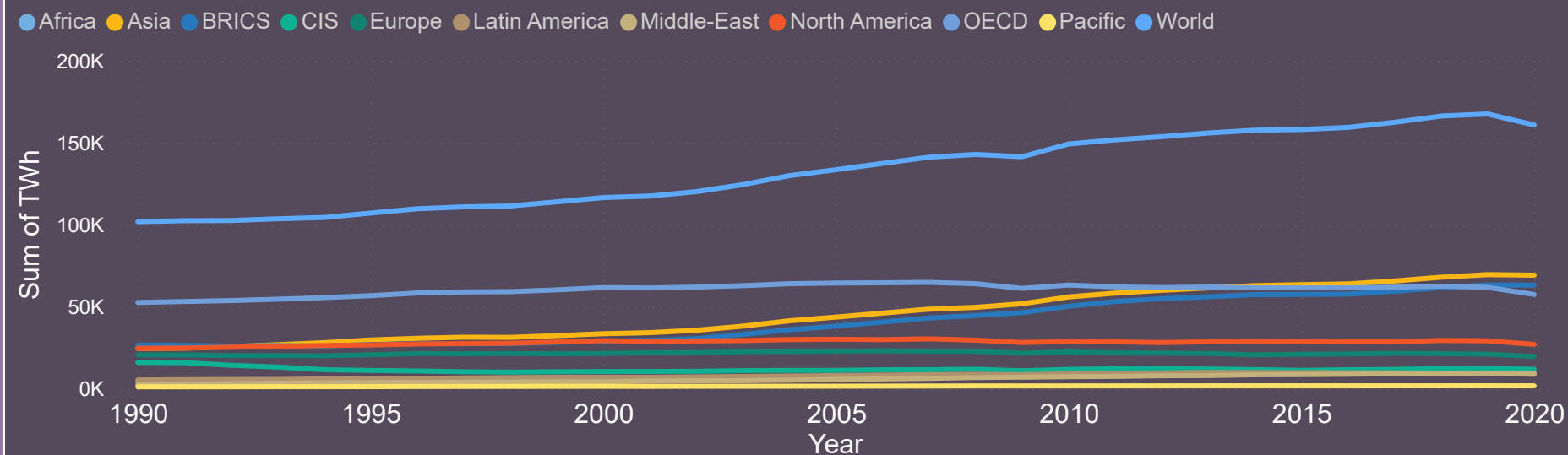


## Global Energy Trends Through Time

### Country Consumption



### Sum of TWh by Year and Continent



Year

1990 2020

Country

All

7.01K

Country Average(TWh)

Continent

☐ Africa

☐ Asia

☐ BRICS

☐ CIS

☐ Europe

1.02M

Continent Average(TWh)

# Energy Production : Sources

## Non-Renewable Sources

Coal

Municipal  
Wastes

Natural  
Gas

Nuclear

Oil

Waste

## Renewable Sources

Biofuel

Geothermal

Hydro

Renewable  
waste

Solar PV

Wind

45.28K

Sum of Contribution (TWh)

2.64K

Median of Contribution (TWh)

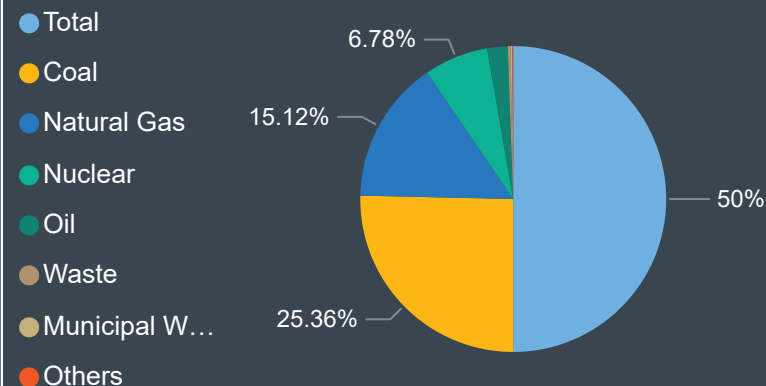
6.06K

Standard deviation of Contribution...

36.75M

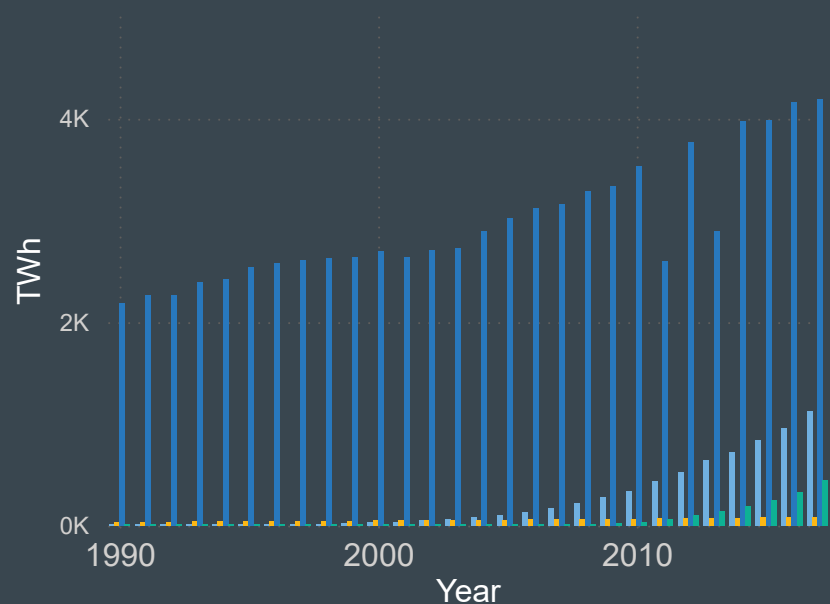
Variance of Contribution (TWh)

## Non-Renewable Sources of Energy

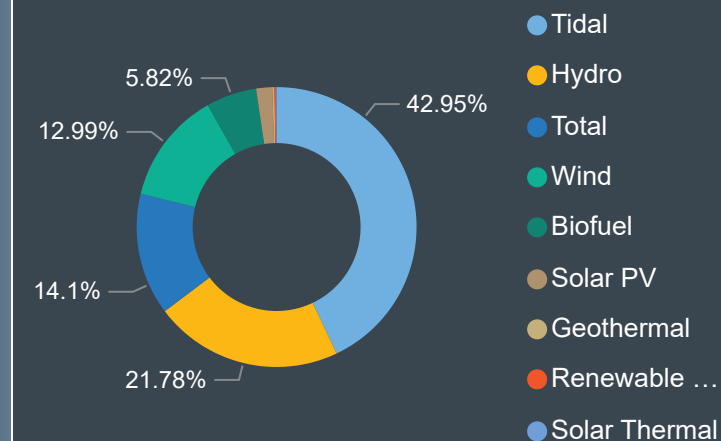


## Renewable Power Generation : 1997-2017

● Biofuel(TWh) ● Geothermal (TWh) ● Hydro(TWh) ● Solar PV (TWh)



## Renewable Sources of Energy



# Power Generation : Top 20 Countries

42.37

Sum of Biofuel(TWh)

0.00

Sum of Geothermal (TWh)

370.90

Sum of Hydro(TWh)

52.25

Sum of Solar PV (TWh)

## Country

- ☐ Australia
- ☒ Brazil
- ☐ Canada
- ☐ China
- ☐ France
- ☐ Germany
- ☐ India
- ☐ Indonesia
- ☐ Iran
- ☐ Italy
- ☐ Japan
- ☐ Mexico
- ☐ Russia
- ☐ South Korea
- ☐ Spain
- ☐ Taiwan
- ☐ Thailand
- ☐ Turkey
- ☐ UK
- ☐ USA

● Brazil

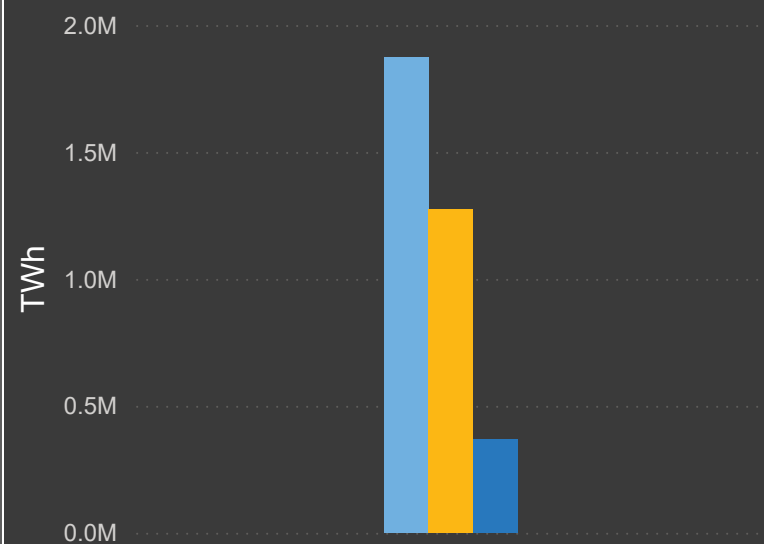


# Report on Global Energy Trends

- The continent with the highest overall energy consumption is Asia, and China continues to be the top consumer of power among all the continues.
- Hydro electricity has been steadily rising over the last 3 decades and continues to be a promising renewable source.
- Tidal energy takes up a major share of renewable energy with 42.95% and coal is the at the top of non-renewable energy with 50.72%.
- Across the Top countries, the Sum of Total (TWh) ranged from 12.40 to 1819.94.
- Biofuel and total Geothermal energy are positively correlated with each other.
- In a span of 28 years, Biofuel ranged from 3.88 (TWh) to 1,127.31 (TWh), Geothermal ranged from 36.42(TWh) to 85.34(TWh), and Hydro ranged from 21,191.67(TWh) to 4,192.29(TWh).

## Consumption OECD,BRICS,CIS

● Sum of OECD ● Sum of BRICS ● Sum of CIS



## Energy Consumed : Africa

● Sum of South Africa ● Sum of Algeria ● Sum of Nigeria ● Sum of Egypt

