

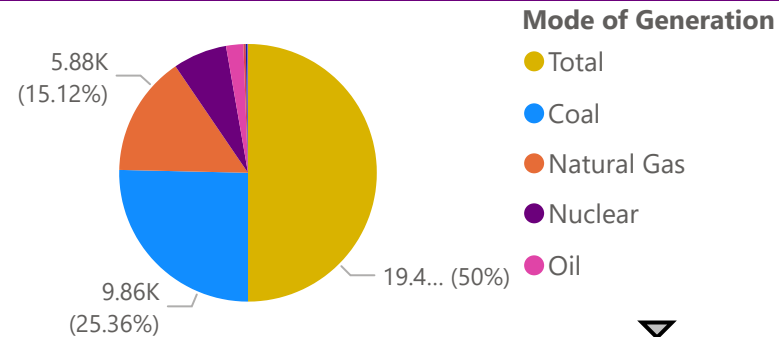
6.41K

StdDev_Contribution_NonRen...

1.74K

Median_Contribution_...

Sum of Contribution (TWh) by Mode of Generation



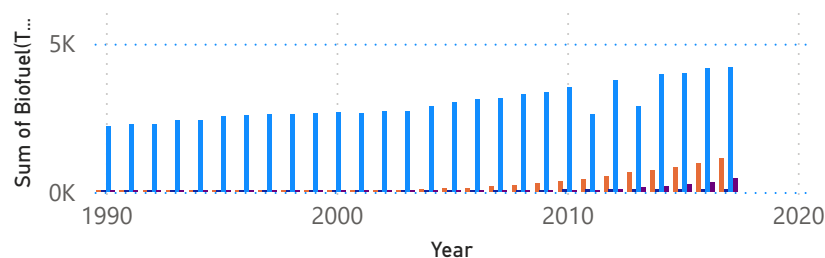
Renewable Generation 1997-2017

Sum of Biofuel(...)

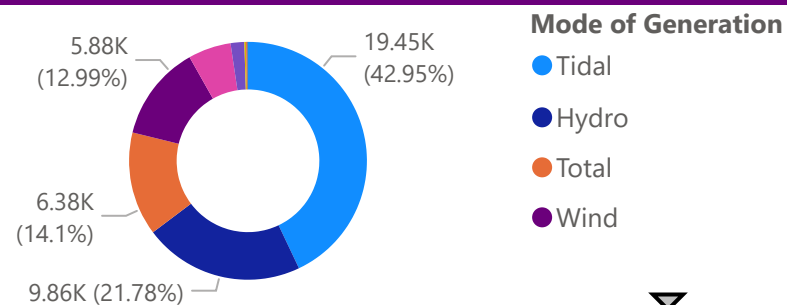
Sum of Geoth...

Sum of Hydr...

Sum of Sol...



Sum of Contribution (TWh) by Mode of Generation



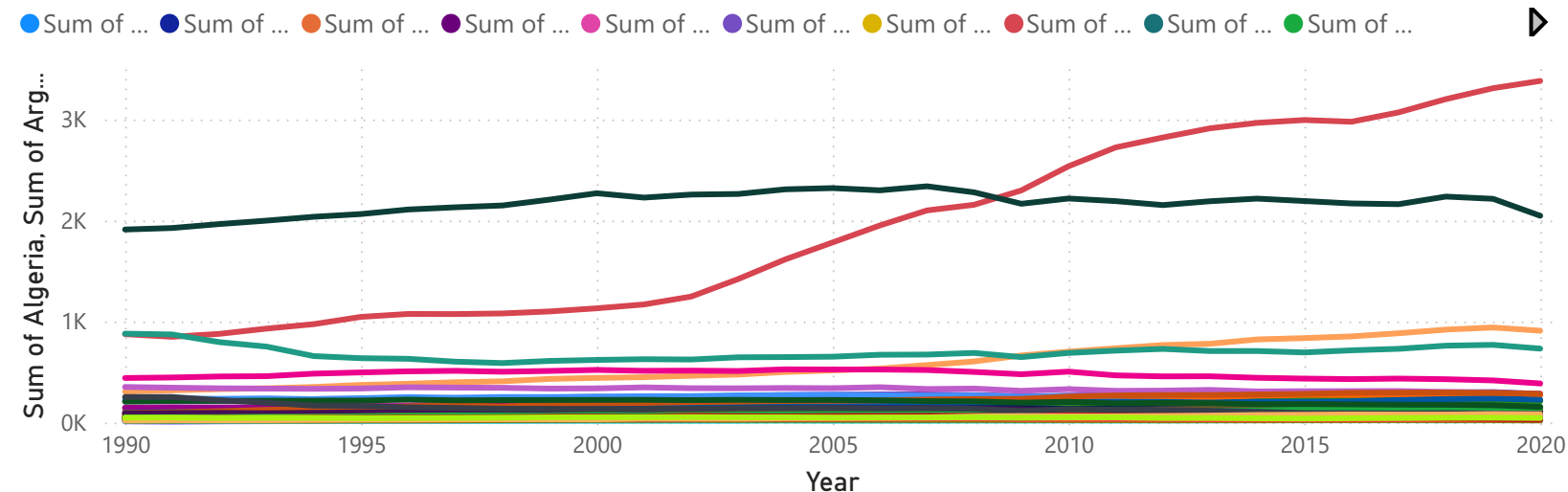
Energy Consumption & Renewable Power Insights

38.90K 41.09M

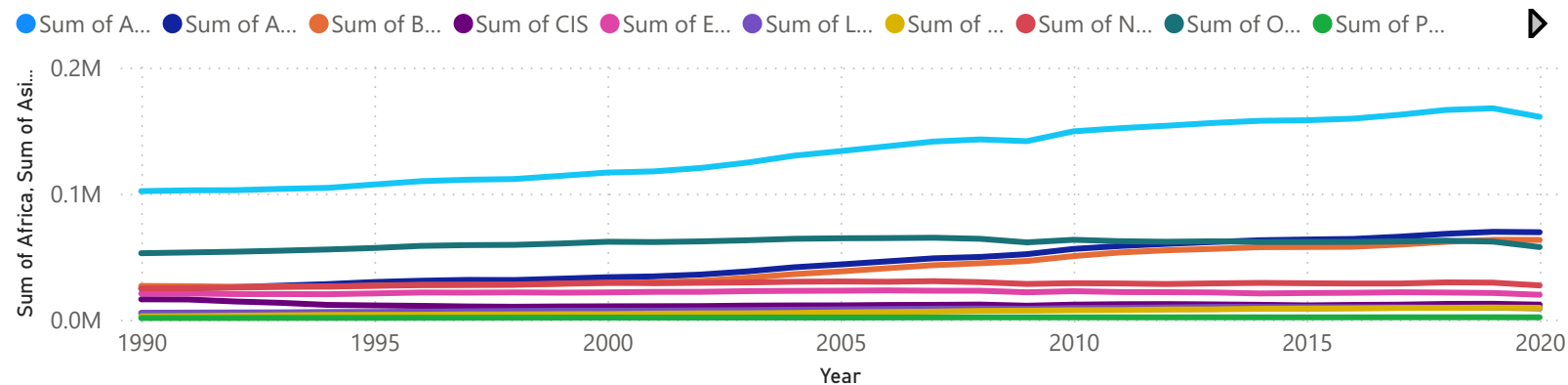
Sum_Contribution_Non...

Variance_Contribution_...

Electricity Consumption Trends by Country



Electricity Consumption Trends by Continent



Global Energy Consumption and Renewable Trends: Insights Report

- Asia leads in overall energy consumption, with China remaining the top consumer globally. Hydro power has shown consistent growth over the last three decades, reinforcing its role as a key renewable source.
- Among renewables, **Tidal Energy** dominates with **42.95%**, while **Coal** leads non-renewables at **50.72%**. Across the **Top 20 countries**, total energy consumption (TWh) varies from **12.40** to **1,819.94**.
- A positive correlation exists between **Biofuel** and **Geothermal Energy**. Over **28 years**, Biofuel increased from **3.88 TWh** to **1,127.31 TWh**, Geothermal from **36.42 TWh** to **85.34 TWh**, and Hydro from **2,191.67 TWh** to **4,197.29 TWh**.

1.60K 83.28K

Sum of Geothermal (TWh) Sum of Hydro(TWh)

6.86K 1.61K

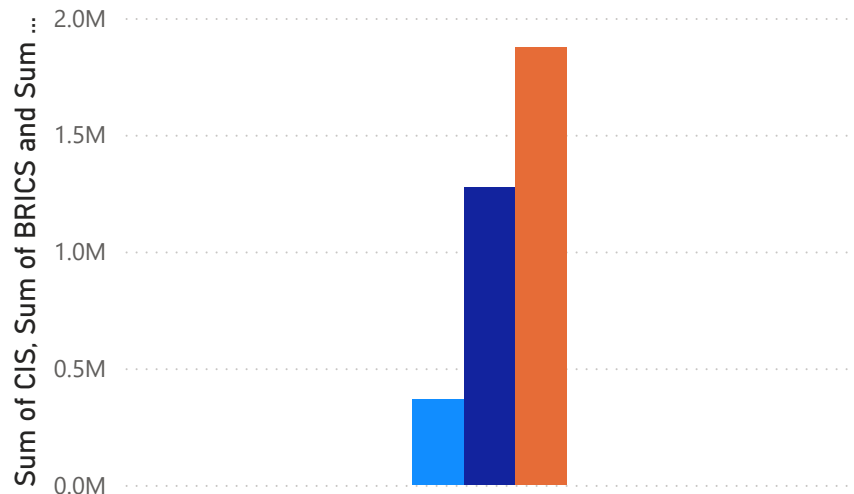
Sum of Biofuel(TWh) Sum of Solar PV (TWh)

1.02M 231.17K

Avg_Consumption Country Avg Consumption

Sum of CIS, Sum of BRICS and Sum of OECD

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



Sum of Algeria, Sum of Egypt, Sum of Nigeria and Sum of South Africa by Year

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

