

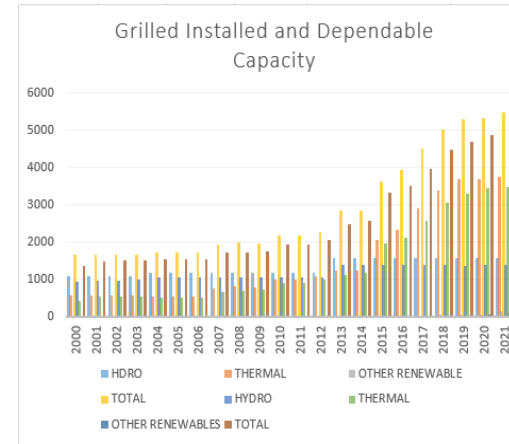
THE RELEVANCE AND CHALLENGES OF ENERGY TRANSITION IN AFRICA (Ghana as a case study)



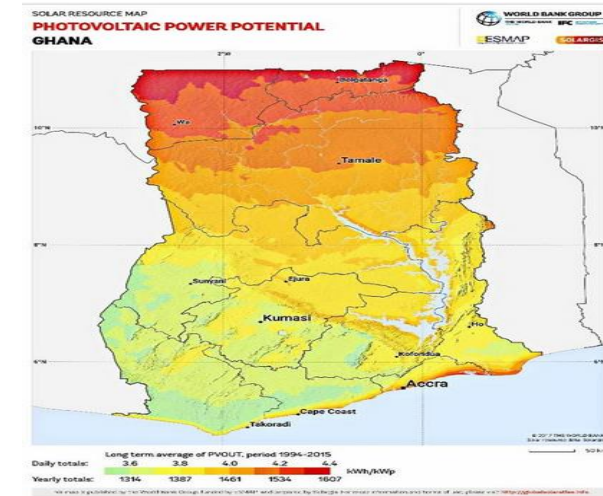
Nicholas Miezah

MOTIVATION

- Energy transition, globally, has been embraced as one of the actions that can accelerate the course of mitigating the impact of climate change and provide the support for meeting the demand and supply of energy requirements of humanity.
- In light of this global change, the study examined energy policies being driven by Africa, specifically Ghana, to accelerate energy transition from the current traditional energy mix to a clean and sustainable energy sources.
- Clean or renewable energy options being considered in the case of Ghana's energy transition agenda
- The importance and difficulties confronted with energy transition in Africa, (Ghana



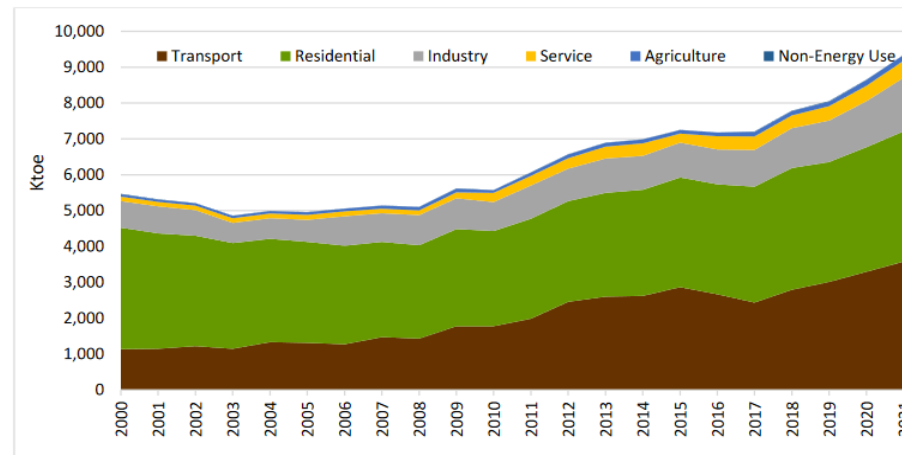
RENEWABLE ENERGY SOURCES



RESEARCH QUESTIONS

- What energy transition policies or actions does Ghana have?
- What is Ghana's clean energy options in the transition process?

ENERGY CONSUMED BY SECTORS IN GHANA



METHODOLOGY

- Qualitative approach
- Case Study (Ghana)
- Data analysis
- Secondary Data
- Data from Energy Commission/ Ministry of Energy

FINDINGS

- Renewable Energy Act 2011, (Act 832)
- Integrated Power System Master Plan 2018
- Renewable Energy Master Plan 2019

CONCLUSION

- The lack of implementation of renewable energy policy instruments
- Investment support needed to develop and deploy renewable energy technologies