



SUSTAINABLE DEVELOPMENT GOALS



“Increasing the share of Renewables in the Energy Mix” :Towards achieving SDGs

Presented by:

Abdul Fattah Dandi

Director of Economics Department

Organization of Arab Petroleum Exporting Countries

JODI Information Seminar
Malabo, Equatorial Guinea

26 November. 2019



Increasing the share of Renewables in the Energy Mix: Towards achieving SDGs

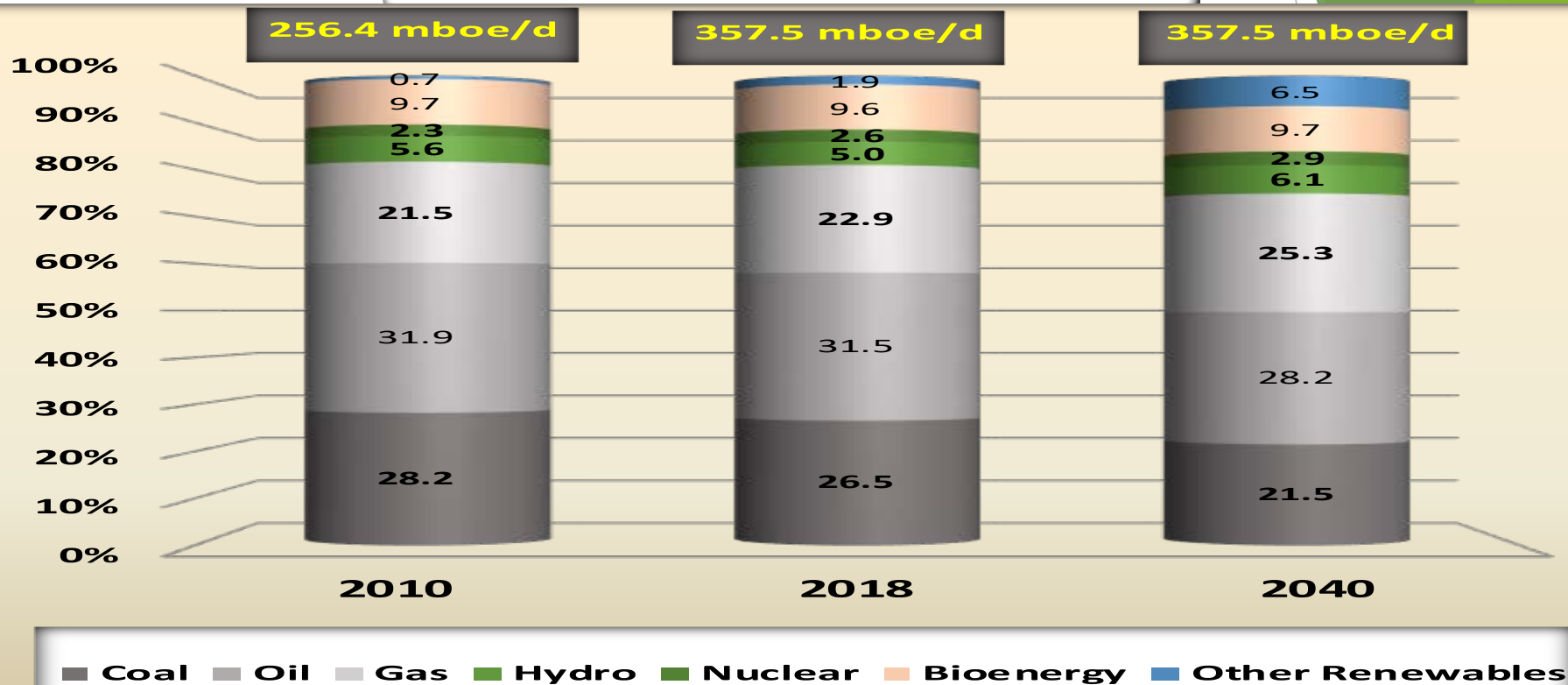
Contents

- 1** Recent & Future Developments of Renewables
- 2** Renewables in OAPEC members
- 3** Renewables as top priority for sustainable development
- 4** Conclusion



1. Recent & Future Developments of Renewables

World Primary Energy Demand By Fuel

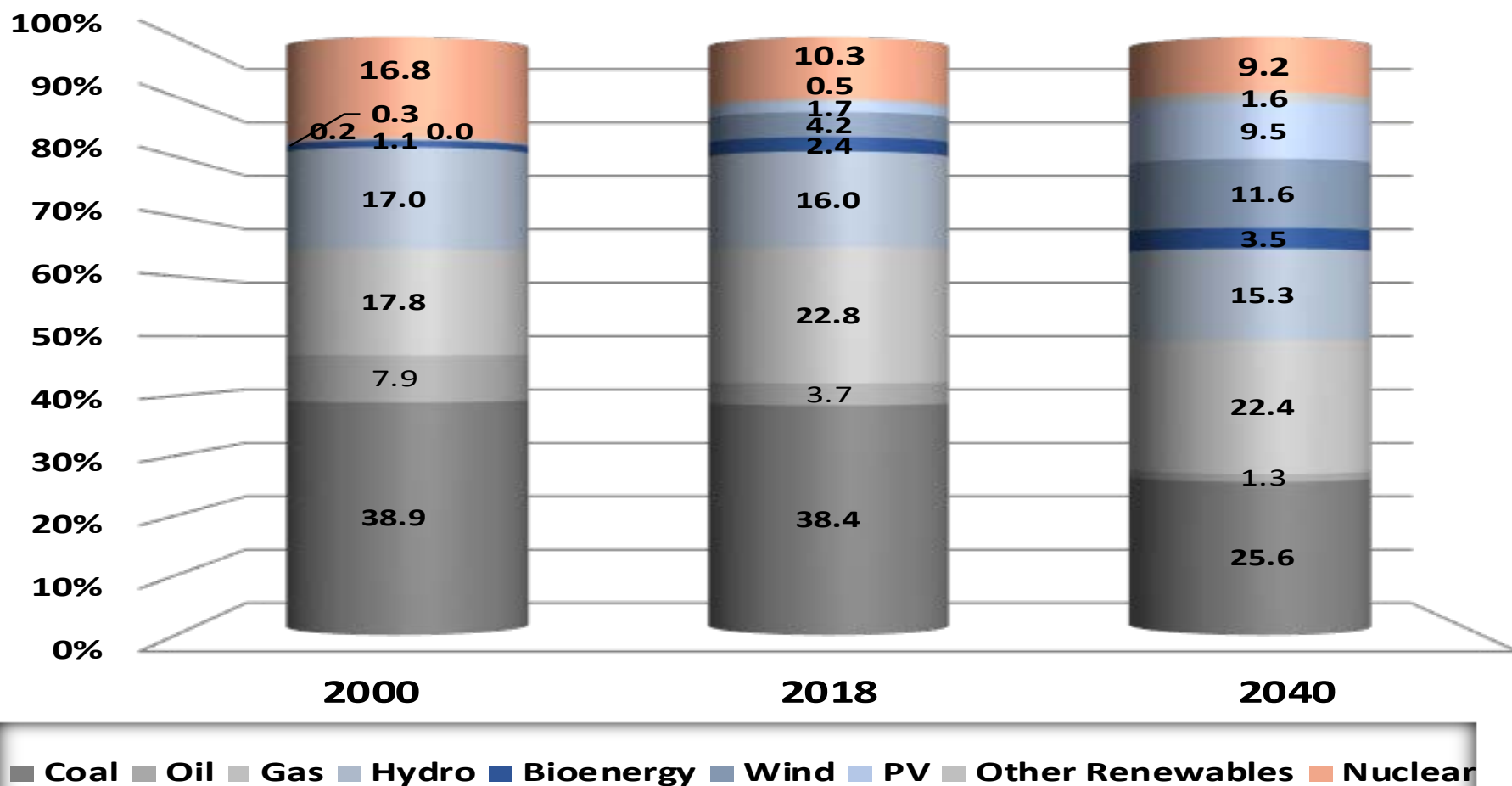


- Renewable energy, in general, gain share rapidly, but from low base, increasing its significance in the overall energy mix to account for 16.5% of world primary energy demand in 2018(compared to about 16% in 2000). It is expected to rise to reach 22.2% in 2040.
- Fossil fuel accounts for major share of world energy mix (about 81% during 2010-2018) and expected to fall to reach 75% in 2040.



1. Recent & Future Developments of Renewables

Renewable Energy Share of Global Electricity Generation, 2000-2040





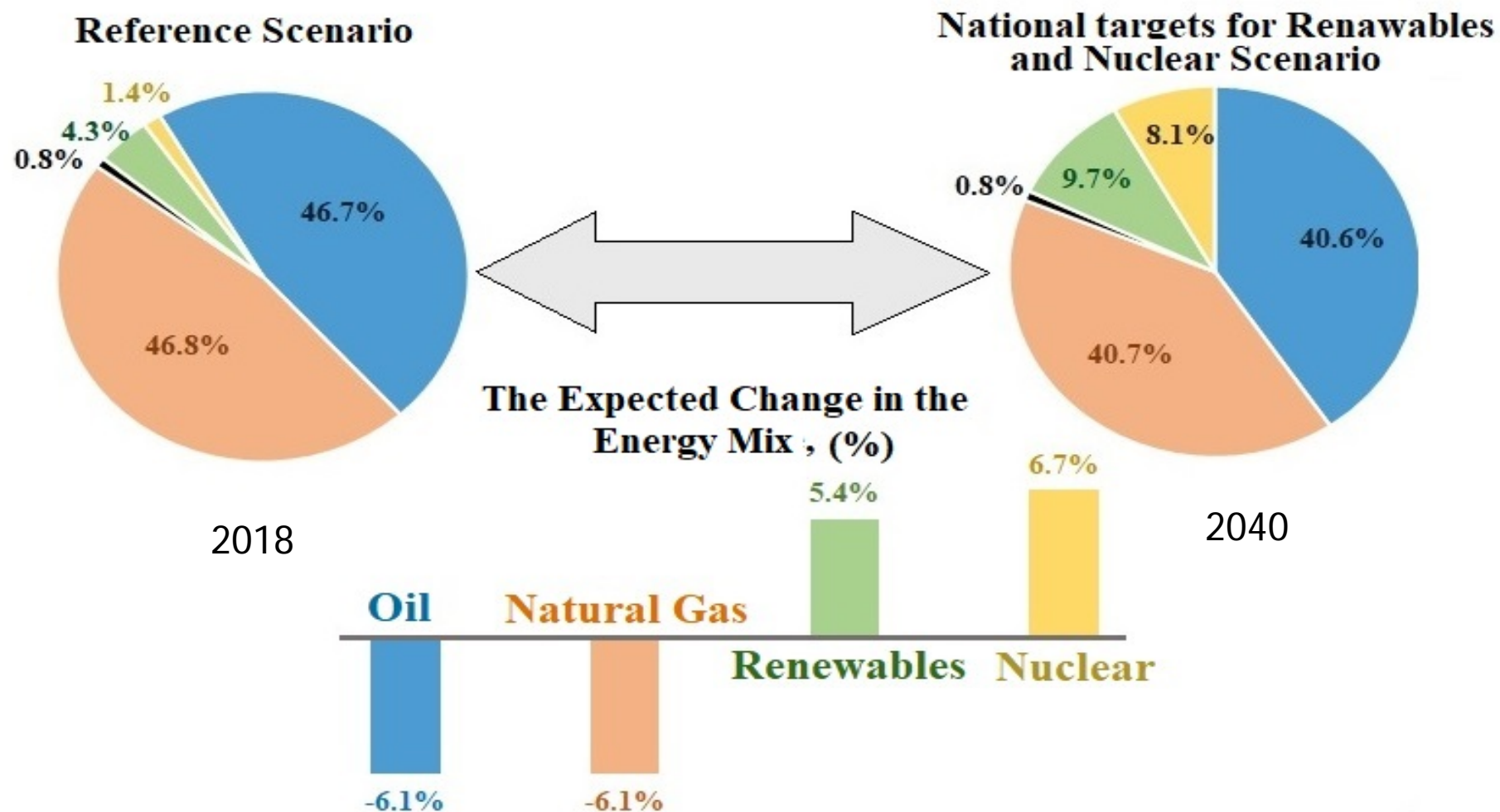
2. Renewables in OAPEC members

- **Historically, renewables have played a minor role in OAPEC member countries due to their huge oil and gas resources, which continue to supply the majority (about 98%) of their energy needs.**
- **Recently, there has been a substantial shift in deployment of renewables in OAPEC. The renewable energy market in OAPEC is rapidly expanding.**



2. Renewables in OAPEC members

The expected change in OAPEC energy mix according to the reference Scenario and National renewables target Scenario (OAPEC Study)





3. Renewables top priority for sustainable development

- **Energy is crucial for achieving almost all of the Sustainable Development Goals, from its role in the eradication of poverty through advancements in health, education, water supply and to combating climate change.**
- **Successful policies regarding improving the energy mix in the future can only be achieved based on high-quality data.**
- **Data accuracy and transparency is the backbone of forecast accuracy and perfect decisions taken.**



Conclusion

Quality data is essential for tracking the progress made towards SDG targets

- ❖ **Transition to clean energy** → **good policy** → **good data**
- ❖ **Quality Energy data is basis for any sound energy policy and Data insufficiency could lead to undesirable policy choices.**



Thank You