IPCC AR6 on climate mitigation: Why a change in energy evaluation is needed?
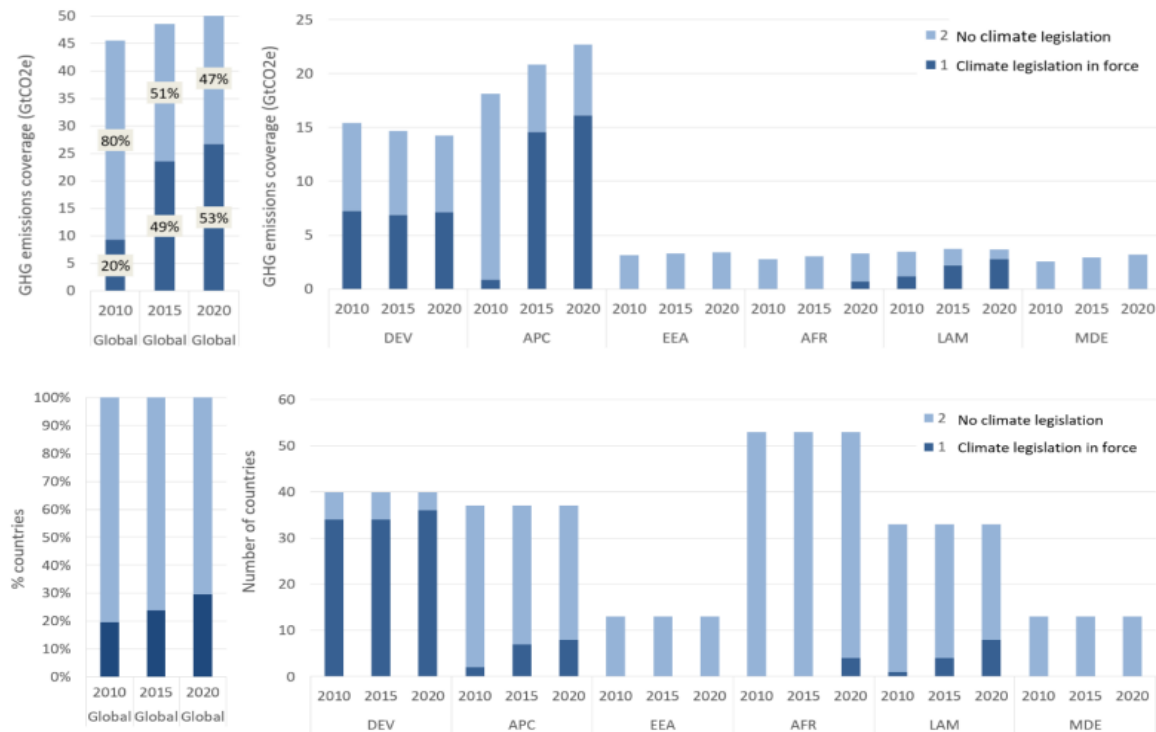
2022 European Energy Evaluation Conference
September 28th, 2022
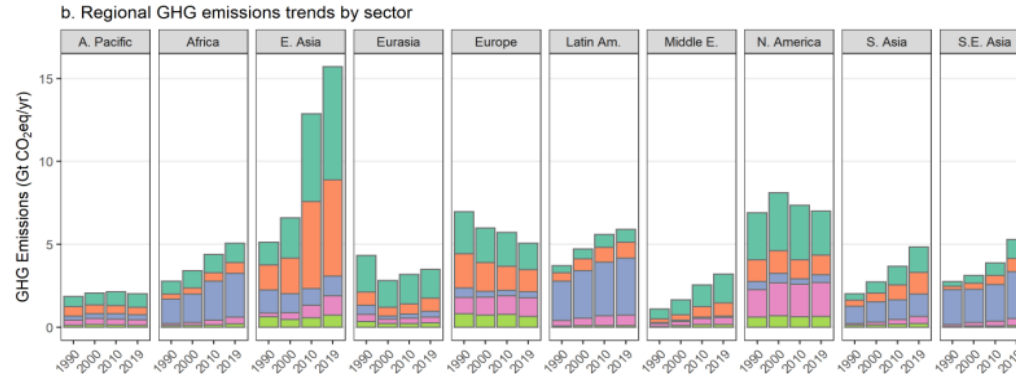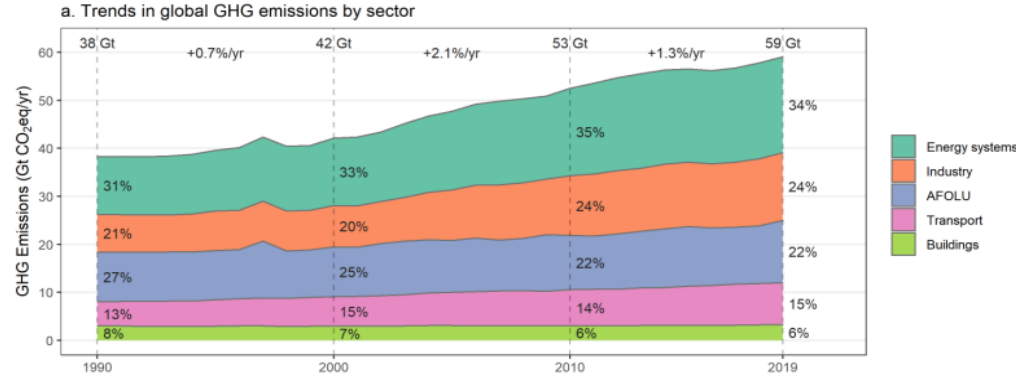
The share of GHG emissions under climate legislation more than doubled in the last decade

National climate change mitigation legislation

However, GHG emissions increased across all sectors and regions

a. Trends in global GHG emissions by sector

b. Regional GHG emissions trends by sector

The word evaluation occurs 311 times in WGIII but no always in a positive way

- *Chapter 11: "Important aspects of governance include mechanisms for monitoring, transparency, and accountability. It may involve the development of new evaluation approaches, including a greater focus on ex-ante evaluations and assessment of, for example, readiness and capacities, rather than ex-post evaluations of outcomes."*

- *Chapter 12: "Governance 30 arrangements in public policy domains that cut through traditional sectors are confronted with specific 31 challenges, such as establishing reliable systems for monitoring, reporting and verification (MRV) that 32 allow evaluation of mitigation outcomes and co-benefits".*

- *Chapter 12: "There were few policy evaluations from independent organisations to inform 44 policymaking, reducing the opportunities for more progressive policy approaches. The evaluation of macro-economic impacts is relatively rare*

Multiple criteria should be considered by evaluators to make energy evaluation relevant for policy makers

1. Environmental effectiveness

2. Economic effectiveness

3. Distributional effects

4. Co-benefits, negative side-effects

5. Institutional requirements

6. Transformative potential

Thank You

Dr Yamina Saheb

OpenExp

Yamina.saheb@openexp.eu

For More Information:

↗ www.ipcc.ch

✉ IPCC Secretariat: ipcc-sec@wmo.int
  IPCC Press Office: ipcc-media@wmo.int

Follow Us:

f / ⃝ @IPCC

🐦 @IPCC_CH   #IPCCReport

in linkedin.com/company/ipcc