



Session 7: Governing AI in energy planning

CCG



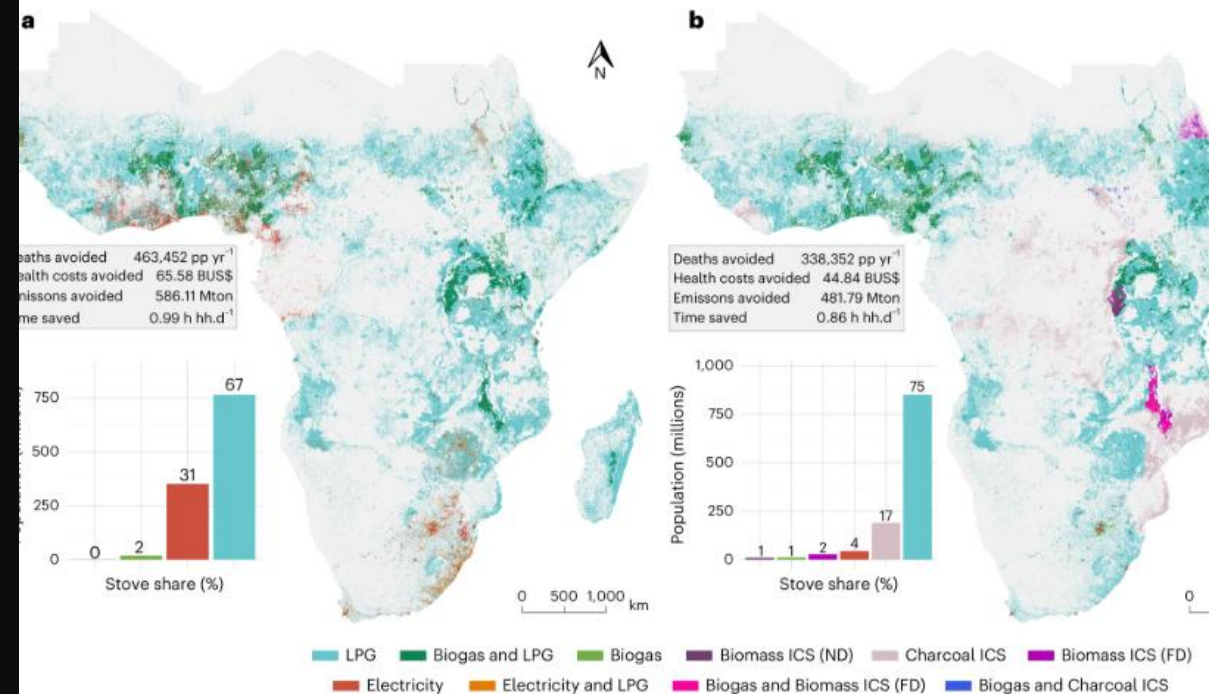
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University Partnership:



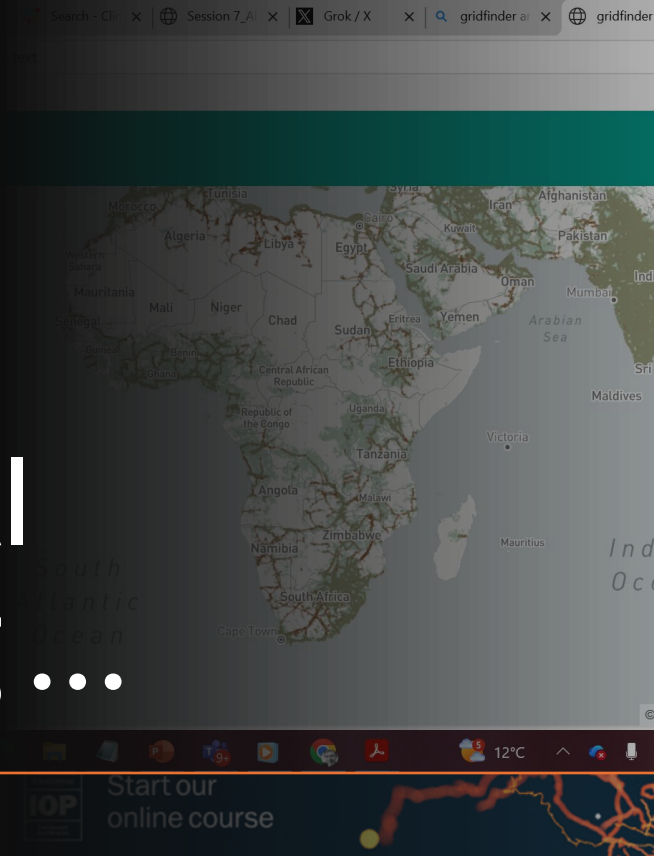
Lessons learned from CCG's AI Pilots

- **OnStove:** CNNs + Reinforcement Learning to map and simulate clean-cooking transitions.
- **OSeMOSYS:** Generative AI for filling data gaps and RL to speed optimisation.
- **Capacity building:** AI “co-pilots” in EMP trainings to explain results and flag errors.



First movers on AI for grid modelling ...

Prepping for a future with bigger data ...



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The need for collaboration ...

Setting up a working group on AI governance for energy planning

- Shared validation & transparency standards across institutions.
- Develop joint open datasets & benchmark models.
- Coordinate capacity building and peer-review pipelines.
- Establish an *AI in Energy Planning Roundtable* (IRENA - CCG - IAEA - Argonne National Laboratory - others).



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