

# THE FACULTY OF ENGINEERING

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### Off-Grid Electricity Access in Malawi



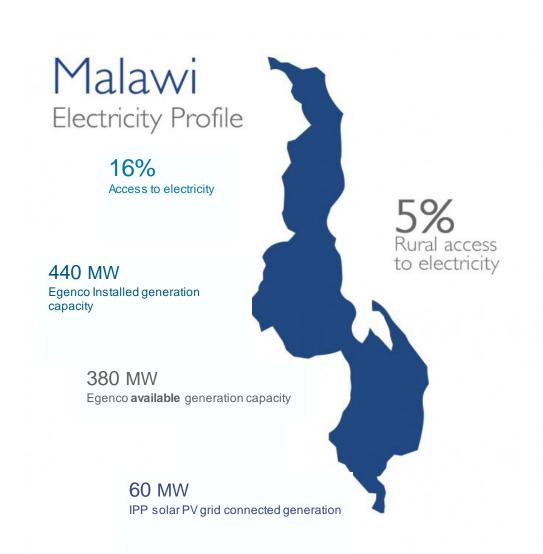
Damien Frame 27<sup>th</sup> September 2023

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#### Energy Access in Malawi

- Access to electricity in Malawi is currently just 16% (majority of generation is hydro)
- 13.6 million people live off-grid in Malawi
- 99% of household energy is supplied by biomass. 32% reduction in forest cover in less than 40 years



#### Energy Access in Malawi







#### Long Term Partnerships Supporting Local Energy Action









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## Affordable, Reliable, Sustainable and Modern Energy





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#### Transformational Community Impact



# **University of** Strathclyde Engineering