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### Improving the energy system for a rural community in developing countries

Tucho, Gudina Terefe

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# **Improving the energy system for a rural community in developing countries**

***Challenges and sustainable opportunities in using renewable  
energy resources in Ethiopia***

**Gudina Terefe Tucho**

This PhD project was carried out at the Center for Energy and Environmental Sciences (IVEM), which is part of the Energy and Sustainability Research Institute (ESRIG) of the University of Groningen in the Netherlands. IVEM funded my project except three months stay funded by Coimbra group.

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# **Improving the energy system for a rural community in developing countries**

Challenges and sustainable opportunities in using renewable energy  
resources in Ethiopia

## **PhD thesis**

to obtain the degree of PhD at the  
University of Groningen  
on the authority of the  
Rector Magnificus Prof. E. Sterken  
and in accordance with  
the decision by the College of Deans.

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Thursday 22 December 2016 at 09.00 hours

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