

## **DOING GHG MITIGATION IN THE SOUTH - CO-BENEFITS FROM HANDS-ON LEARNING-BY-DOING EXPERIENCES**

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The presentation will focus on lessons learned by the SouthSouthNorth Group and Energy Transformations in the identification and hands-on learning-by-doing project identification and design processes for mitigation projects under the GEF and CDM in Southern Africa in the past 5 years. It will focus specifically on:

- Energy upgrading (insulated ceilings, solar water heaters, and energy efficient lamps) of low cost housing projects;
- Landfill gas extraction and use;
- Biomass that would otherwise have been left in landfills or plantations to rot replacing coal for process heat; and
- Photovoltaic systems for productive and domestic applications in Malawi, Namibia and Uganda.

It will provide brief insights into characteristics of the projects and then consider what they have been designed to achieve with respect to the sustainable development benefits, financial costs and benefits, challenges, poverty reduction, and technological spill-overs.