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Symposium Video

Developed by:

Peter Lugenwa

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BUSINESS AND FINANCIAL MODELS FOR RENEWABLE ENERGY

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- The RE sector comes with many opportunities that can translate into new businesses and job opportunities
- This can have a bearing in addressing the unemployment and poverty problem especially in the developing world.
- However this depends on the ability of the country to adapt to new models of managing the energy sector.

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- RE value chains are different from traditional energy value chains.
- Traditional energy value chains are more centralized with big companies most of which are either owned by government or are MNCs dominating the value addition activities.
- As such, there are less opportunities for small and local enterprise development and job creations

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- On the other hand, RE value chains are more localized. As such, various value creation activities can be managed locally. These may include:
 - the Designing and Manufacturing of RE Equipment, Appliances & Accessories.
 - Installation & Commissioning RE projects.
 - Energy Production, Distribution & Supply Chain Management
 - Operation & Maintenance of RE installations
 - Business and Policy Consultancy

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These activities may be carried out by various value chain actors, both direct and indirect. These may include:

- Private Businesses (many of which may be SMEs)
- Community Based Projects,
- the Central Government,
- Local Governments and Municipalities,
- NGOs and Development Agencies etc

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- Establishing a successful RE sector therefore requires an understanding of RE business and financing models.
- This is exactly what this module seeks to achieve.
- This module introduces the concept of the business model and students are equipped with skills of developing business models

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- Students are they introduced to various RE business and financing models and how they work.
- The model is largely case study based and are exposed to the various cases where the models have been applied successfully and even where they have failed and an analysis of the factors that have led to failure is done

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- Among the RE business models emphasized in this module is “The Community Based RE Model.”
- This elaborates how communities can generate and distribute their own energy.
- This can be for home use but also for trade.
- This model is critical in distributing energy in hard to reach rural areas

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- This model can play an important role in job creation and business development.
- Jobs can be created in the generation and distribution of electricity but also new jobs and businesses are created as more people have access to energy.
- Examples of financing models for RE include: PPP, Crowdfunding, and carbon credit financing.

THAN YOU FOR LISTENING