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Economic and Social Commission for Western Asia (ESCWA)

Capacity Building Workshop on “Promoting Green Energy Technology Market in Rural Areas”
Beirut, 24-25 May 2016

AGENDA

Tuesday, 24 May 2016

- 9:00 – 9:30 **Registration**
- 9:30 – 10:00 **Opening and Introduction**
Ms. Radia Sedaoui, Chief, Energy Section, Sustainable Development Policies Division, ESCWA
Tour de Table
- 10:00 – 11:30 **Session 1: Off-grid electrification: policy framework, financing mechanisms, and community engagement**
Mr. Taoufik Laabi, energy policy expert, retired recently as Director of Strategy and Planning, Organisation Nationale d’Electricite et d’Energie (ONEE), Morocco
- I. Introduction
 - II. Off-grid rural electrification approaches
 1. Policy framework for off-grid rural electrification
 - 1.1. Key policies for promoting off-grid rural electrification
 - 1.2. Recommendation on policy framework
 2. Financing mechanisms and required support policies
 - 2.1. Financing mechanisms and required support policies
 - 2.2. Recommendation on financing mechanisms
 3. Socio-economic aspects and community involvement
 - 3.1. Main project activities and potential community involvement.
 - 3.2. Recommendations on socio-economic aspects and community involvement
 4. Capacity building and training
 - 4.1. Types and main topics of the training and capacity building activities
 - 4.2. Recommendations on capacity building and training
 - III. Summary and conclusion

- 11:30 – 12:00 **Coffee break**
- 12:00 – 13:30 **Session 2: Case studies: Countries' experiences**
Mr. Taoufik Laabi
- I. Set up of fee-for-service business model
 - II. Local initiatives
- 13:30 – 14:30 **Lunch Break**
- 14:30 – 16:00 **Session 3: Developing a winning business model**
Mr. Ahmed Medhat, Project manager, Bioenergy for Sustainable Rural Development, Egypt
- I. Mapping of countries' successful business models
 1. A look at bioenergy business models in India, China, ...
 2. How they designed their business models and how to develop
 - II. Different mechanisms of designing successful business models
 1. Strategies (Strategic/innovation patterns)
 2. Protocols (Standard element for implementation)
 - III. How to design a winning business model for rural area
 1. Business model design template
 2. Business model design framework
- 16:00 – 16:15 **First day wrap up**

Wednesday, 25 May 2016

- 9:30 – 11:00 **Session 4: Case study: Bioenergy for Sustainable Rural Development Project**
Mr. Ahmed Medhat
- I. Bioenergy unsuccessful trials and reasons for the lack of success
 - II. Current winning business model: pros & cons
- 11:00 – 11:30 **Coffee Break**
- 11:30 – 13:30 **Session 5: Selection of energy technology**
Ms. Priyadarshini Karve – CEO, Samuchit Enviro Tech Pvt Ltd, India
- I. Service approach and business model
 - II. Case study: Cooking energy service decision support tool
 - III. Hands on exercise

- 13:30 – 14:30 **Lunch Break**
- 14:30 – 16:30 **Session 6: Biomass energy as the basis for a rural energy service enterprise**
Ms. Priyadarshini Karve
- I. Case study 1: Enterprise model for the conversion of waste biomass into char
 - II. Case study 2: Enterprise model for the conversion of biogas from organic waste
- 16:30 – 17:00 **Wrap up and certificates of attendance awarding ceremony**