A Workshop Proposal For Entrepreneurship Development For Business owners and Farmers in the Agricultural Sectors in Nigeria And The Role of Solar Energy in Agricultural and Business owners in the Federal Capital Territory, Abuja, Nigeria .

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1. ***Background and Development Needs***

*The needs to refocus our minds to another alternative source of Energy necessitated this capacity building for those who are in the Agricultural Sectors and small Business owners. In Nigeria , we can not boost of 24 hours supply of Electricity to boost Agricultural production and empowering the small business owners to create jobs and promote business development across the interior and Exterior of Nigeria .It is however assumed that there may be better supply of Electricity to the populace ,such that business people, individuals will be able to get enough supply of Electricity for business purposes and commercial with domestic purposes.*

*Solar Energy lowers the Electricity and Bills. They are better for people and the environment, because they don’t pollute the air, burning of fossil fuels. It is clean, Sunlight is easy available. Nuna 3 racers made by the Dutch Team, Hot pot ovens, Battery-less Flashlights, Solar Water Distillers.*

*It is highly commendable on the part of the President Dr Goodluck Jonathan .In view of the above the Nigeria have Natural resources that have not been made sue, with the re- introduction of this solar energy. This will go along way to complete the Government efforts in the distribution of Energy for Agricultural purposes and for business oriented margin.*

*Solar Energy is power that comes from the sun .Solar Energy can be harnessed in two different ways. One way is through Photovoltaic conversion. Another way is through solar thermal conversion. During the Photovoltaic conversion, solar energy is collected through panels, called solar panels. Solar panels are covered with large modules which with little pv cells or photovoltaic cells. The Pv cells collect the light from the sun, once the light is inside a pv cell, there is a semiconductor made of a thin sheet of silicone crystals, which takes in the photons from the sunlight. A solar energy is a great alternative source of power.*

*Michael Adedotun Oke Foundation is a solely owned Non Governmental organization, duly registered with the corporate Affairs Commission, present this project proposal for sponsorship fully aware that it will be beneficial to stakeholders in the Agricultural sectors and business Environment.*

***2. Aims***

*The workshop is aimed at promoting the use of Solar Energy , planned and systematic review process of the best case studies in the farms, business Environment, challenges way forward in maintaining and enhancing the Agricultural production in irrigation practices, post harvesting, drying, domestic usage, powering of different machineries in the business communities.*

***3. Workshop Objectives***

 *The Overriding objectives of this workshop is to re-introduce the use of solar energy in the business sectors , Agricultural sectors , make for improvements of learning and teaching through the use of the solar Energy for profitability’s purposes .*

*To share, Equip, stakeholders, discuss, advances and the developments of solar Energy, research, developments and design the technology, applications for skill applications.*

*Promoting and the disseminating Knowledge concerning several topics and technologies related to solar energy sources.*

*Improve the usage of solar energy in business and the Agricultural sectors.*

*Business development, facilitate the use of solar energy.*

*Assisting the researches, scientist, manufacturers, companies, community agencies, associations and societies to keep abreast to the use of solar Energy.*

***3 Justifications***

*In a report ; World Energy outlook “ released in London in November by the Executive Director of International Energy Agency Maria Van der Hoeven said that while oil prices have remained stubbornly high , averaging US$110 per barrel since 2011,the agency identified the trilemma” of technology unlocking more oil and gas resources ; and the cutting into the OPEC market share by unconventional oil and new net exporters entering the scene.*

*The International Energy Outlook 2013 projects that world energy consumption will grow by 56 percent between 2010 and 2040. Total world energy will rise from 524 quadrillion British thermal units (Btu) in 2010 t0 630 quadrillion Btu in 2020 and to 820 quadrillion btu 2040. A substantial part of the growth , accordingly to the report ,will come from the non-OECD countries .The report indicated that renewable energy and nuclear power are the worlds fastest-growing energy sources , with each increasing by 2.5 percent per year.*

 *In addition such workshop as the one being proposed here is justified base on the following imperatives.*

*The challenge of poor supply of electricity to the Agricultural sectors and Businesses environments*

 *Market demands for Solar Energy*

*Demand for Solar Energy products*

*Involvements of an individuals in the use of solar energy products*

*Help build capacity of business people , improve the usage of solar energy in a global economy*

*Provide one forum to harness the inputs of key stakeholders of solar energy usage .*

*Reposition of users to maximize the gains of solar energy.*

***5. Participants***

*We expect one thousand two hundred participant in the workshop as below*

1. *Researches and scientist , students*
2. *Manufactures and leading producers of Renewable Energy products.*
3. *Companies ,Communities ,Agencies*
4. *Associations, Ngo , Cooperative Societies*
5. *Bankers ( Bank of industry etc )*
6. *Federal Ministries of Agriculture ( Extension Agents , Agriculturist, staff )*
7. *Practitioners and Business operators, customers, Unemployed Graduates , youths*

***6. Scope of the Activities***

*Future Challenges, quality and Usage of solar Energy .*

*Reliability and Maintenance of solar panels*

*Marketing Development and Entrepreneurships Skills acquisition*

*Public Awareness and Education of Solar Energy*

*New Approaches to solar Energy*

*Usage in Business and Agricultural Sectors*

*Performance Analysis, maintenance of solar energy systems*

*New approaches in solar energy*

*Control Techniques for solar energy systems*

*Best Practices in solar energy businesses and Agricultural sectors*

*Setting up a solar energy Business and Information in supplies of solar Energy products*

***7. Resource Persons***

*Proven scientist, manufactures, academics solar energy usage with specialist interest in setting up the solar panel , maintenance as resource persons*

***8 Methodology***

*The workshop will have ceremonial and technical components*

*While the ceremonial session provides for the opening and closing speeches, the technical session will encompasses lectures, discussion, questions and answers, syndicate and plenary sessions.*

*It will also entail the use of most modern and functional multi-media systems to deliver the content very effectively and efficiently and in interactive manner as well as the production CD of the workshop lectures as take home for reference purposes.*

***9. Venue***

*The workshop will be held in Abuja*

*A convenient hall, easily accessible, spacious and generally conducive for such an event will be chosen.*

***10 Time and Duration***

*The proposed workshop will last for five (5) days. The date will be fixed.*

***Conclusion***

*The nation is in the era of transformation in energy sectors and in the agricultural sector specifically as being pursued by the President Goodluck Jonathan –Led administration . For instance the electric power reform programme was successfully completed in 2103 , with the hand over of the generation and distribution companies previously owned by government to their new owners .*

*This is something to cheer in 2013 and despite the teething problems being encountered now , projection is that the process will accelerate in 2014 , with better service to the consumer increasing gradually the use of solar energy.*