

# UNIVERSITY OF ILORIN JATROPHA PLANTATION DEVELOPMENT AND MAINTENANCE COMMITTEE



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## HIGHLIGHT ON THE ACTIVITIES OF THE 1<sup>ST</sup> INTERNATIONAL WORKSHOP ON THE PRODUCTION OF BIODIESEL AND OTHER ALLIED PRODUCTS FROM *Jatropha curcas* PLANT FOR SUSTAINABLE DEVELOPMENT

April 6th & 7<sup>th</sup>, 2010

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### Executive Summary

This document reports on the 1<sup>st</sup> International Workshop on the “Production of Biodiesel and other Allied Products from *Jatropha curcas* Plant for sustainable Development” held at the main Auditorium, University of Ilorin, Nigeria on April 6 – 7<sup>th</sup>, 2010. The workshop consisted of a morning session with a lecture delivered by MD, Shashwat Jatropha Biodiesel Ltd while the afternoon session featured scientific presentations.

**Additionally, there was the technical training session on the various modules relating to the production of biodiesel and other allied products from *Jatropha curcas* plant.**

**The goals of the workshop include:**

- **Arousing the interest of people/government in the use of *Jatropha* seed in the production of biodiesel,**
- **enumerate on the various technologies needed for the extraction and production of biodiesel and other allied products**
- **evaluate the efficacy of biodiesel from *Jatropha* plant in comparison with fossil fuel diesel**
- **create awareness on the merits of growing *Jatropha* plant on undulating lands**
- **stimulate increasing plantation of *Jatropha* for sustainable development and to mitigate against climate change**
- **highlight on other economic importance of *Jatropha* plant for economic empowerment.**
- **fully integrate the use of biodiesel into the fuel energy requirement of Nigeria.**

**It is anticipated that this report will be used to encourage greater participation in the planting and processing of *Jatropha* seed into biodiesel and other allied products. It is also believed that it will spur new research development on the plant. The workshop was attended by researchers from academia, research institutes, ministries and the private sector. More than half of the researchers at the workshop were from the Universities while the other half was experts from ministries and research institutes as well as the private sector. The format of the workshop was tailored to encourage open discussion. In this summary the following resolutions were made at the end of the workshop:**

- a. **That a networking of Scientists be formed and indexed for carrying out research and development activities on *Jatropha* production in Nigeria**
- b. **That farmers should be mobilized nationwide for the production of the crop**
- c. **That government should put in place a policy to create an enabling environment for stake holders in *Jatropha* industry to operate**
- d. **That researchers should develop appropriate technologies for the extraction of the oil and production of biodiesel and other allied products**
- e. **That government should fully integrate the use of biodiesel into the fuel energy requirement of Nigeria.**
- f. **That prospective investors in *Jatropha* biodiesel production should be mobilized to fully participate in the *Jatropha* industry**
- g. **That *Jatropha* industry should be seen as a mean of creating employment for the youth and University graduates**
- h. **That sustainable development should be emphasized by the government, researchers, investors and other stakeholders in *Jatropha* industry**

- i. That production and processing of Jatropha seed should be encouraged among the populace.

#### **LIST OF PARTICIPANTS**

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**VARIOUS PHOTOGRAPHS TAKEN DURING THE WORKSHOP**



***Participants at the workshop***



*Scientific session during the workshop*



***Some members of the Local organizing committee***



***Operating of a milling machine with Jatropha biodiesel fuel during the workshop***