

Green Settlements in Sub-Saharan Africa
Future Land Use and Pathways to Wealth Creation

Loccum Protestant Academy, Germany
from Wednesday to Friday, June 8 - 10, 2011

Outline & Programme

updated May 11, 2011

Some appealing concepts for fostering rural development imply the systematic exploitation of locally available renewable sources of energy. In this perspective, *Integrated Energy Farms*, or *Integrated Energy Settlements*, can be thought of as sustainable power centres, supplying local markets comfortably with electricity and fuels, while at the same time covering their demand for food crops and soft commodities.

By means of a creative dialogue with distinguished experts from Sub-Saharan Africa, our workshop participants are invited to reflect on palpable development options for a few showcase places; and on the respective technical, organizational and economic aspects that need to be integrated. As different ecological, and socio-cultural settings may require specific types of design for locally adapted *Integrated Energy Farms*, we intend to devise basic features for a couple of such types, and translate them into a set of screenplay scripts, in the style of a recent film illustrating a solar oasis, featured by our partner IFEED eV (cf. http://www.ifeed.org/video-trinkwasser_EN.html). These films may then help decision makers, like investors, to pave the way for reference projects long overdue.

At a more political level, the workshop strives to agree on first steps towards institutionalizing a strong network of protagonists, pursuing an ambitious scientific, entrepreneurial and political agenda, meant to bring the idea of *Integrated Energy Farming* down to earth – all over the place – in Sub-Saharan Africa.

Co-Organizers



Dr. Monika Müller, **Loccum Protestant Academy**

Prof. Dr. Nasir El Bassam, **International Research Centre for Renewable Energy Germany - IFEED**

in co-operation with *EED - Evangelischer Entwicklungsdienst*



Agenda

Wednesday, June 8

[15:30] Coffee & tea & cake

[16:00] Welcome & introduction to the workshop

Dr. Monika **Müller**, Loccum Protestant Academy

Dr. Andreas **Hofmann-Dally**, Afrisolar eV

SESSION I : SCIENTIFIC UNDERPINNING

[16:20] **Food & commodities & energy: The concept of integrated energy farming**

Prof. Dr. Nasir **El Bassam**, Director, International Research Centre for Renewable Energies Germany (IFEED), Lehrte-Sievershausen

Rolf-P. **Owsianowski**, Programme Director, Afghanistan Energy Programme – Renewable Energy Supply for Rural Areas (ESRA), German International Cooperation (GIZ), Kabul, Afghanistan

key-note presentation, followed by a comment from a practical perspective, based on recent experiences in Afghanistan, then discussion in small groups

[18:30] supper

SESSION II : UPCOMING OPPORTUNITIES

[19:30] **Rural generation of energy & income in Sub-Saharan Africa:**

Ecological potential – economic challenges – entrepreneurial strategies

Dr. Ibrahim **Togola**, Chairman, *Agro Industrie and Development - SA (AID-SA)*, Bamako, Mali

Belynda **Petrie**, CEO, OneWorld Sustainable Investments, Cape Town, RSA

key-note presentations, followed by discussion in the plenary

Thursday, June 9

[08:30] breakfast

SESSION III : POINTS OF DEPARTURE – EXAMPLES FROM DIFFERENT COUNTRIES

[09:30] **Agro-industrial potentials and their projected exploitation in Mali**

Dr. Ibrahim **Togola**, AID-SA, Bamako, Mali

- [10:15] **Coffee processing and clean energy management in a protected forest**
Tadesse W. **Gole**, Director, Environment and Coffee Forest Forum – ECFF,
Yayu Coffee Forest Biosphere Reserve, Ethiopia
- [11:15] **Generation of Local Capital and Income through Rural Hydropower in Rwanda**
Hubert **Heindl**, Regensburg / CARERA Project Unit RWANDA
- [11:45] **Technological capacities and their economic impacts in Senegal**
Wolfgang **Hofstätter**, KAÏTO Projekt GmbH, Munich
- [12:30] lunch
- [13:15] break / opportunity to visit the Loccum Cistercian monastery, founded in 1163
- [15:30] coffee & tea & cake

SESSION IV : VISIONS

- [16:00] **Featuring a solar oasis: a model video sequence and its script**
Axel **Sauerzapf-Haupt**, Milano Media, Schweinfurt, Germany
- [16:30] work in separate groups:
Framing of scripts for short video sequences ...
1. ... featuring the design for an Integrated Energy Farm at a wooded site in Mali
promoter : Dr. Ibrahim **Togola**; facilitator: Dr. Andreas **Hofmann-Dally**
 2. ... featuring the design for an Integrated Energy Farm at a semi-arid site in Senegal
promoter : Wolfgang **Hofstätter**; facilitator: Dr. Monika **Müller**
 3. ... featuring new approaches for conservation and use of coffee forests in Yayu, SW Ethiopia
promoter : Tadesse W. **Gole**; facilitator: Dr. Peter **Moll**
complementary discussion group:
 4. **Adapting the concept of Integrated Energy Farms to Sub-Saharan contexts: missing institutional links and appropriate remedies**
promoter : Prof. Dr. Nasir **El Bassam**; challenger: Belynda **Petrie**
- [18:30] supper

SESSION V : THE BUSINESS CASE

[19:30] **Integrated energy farms & African economics:**

Who may be willing to invest?

Bruno **Wenn**, speaker of the management board, DEG - Deutsche Investitions- und Entwicklungsgesellschaft mbH, Cologne

Frank O. **Atta-Owusu**, CEO, KITE, Accra u. Kumasi, Ghana

Friday, June 10

SESSION VI : POLITICS & POLICIES

[09:30] **Adapting Integrated Energy Farms to Sub-Saharan Africa:**

Pathways to follow – actors & institutions to strengthen – capacities to build

Belynda **Petrie**, CEO, OneWorld Sustainable Investments, Cape Town

Dr. Ibrahim **Togola**, Chairman, AID-SA, Bamako, Mali

Tadesse W. **Gole**, Director, ECFF, Yayu, Ethiopia

Dr. James **Kajete**, Chairman, NEPAD Council Europe, Göttingen

Richard **Brand**, EED - Evangelischer Entwicklungsdienst, Bonn

Prof. Dr. Nasir **El Bassam**, Director, IFEEED, Lehrte-Sievershausen

presentation of summaries of the workshop, followed by fish-bowl discussion

moderation: Dr. Andreas **Hofmann-Dally**, Chairman, Afrisolar, Geneva

[12:30] lunch

End of the workshop

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- This workshop is co-funded by the
Federal Ministry for Economic Cooperation and Development (BMZ)
- Continuous translation English - German
- *Venue* : **Loccum Protestant Academy**
(cf. <http://www.loccum.de/english/english.html>)
- *Contact & registration of attendees* :
Monika.Mueller@evlka.de -- Tel. (+49) (0) 5766 - 81 108