

**GAMWIND Ltd**

Tujering  
Shareholder

**CONREPP**

Consult for RenewableEnergyPower Projects  
Batokunku

**BATOKUNKU WINDPOWER**

Member of El. Committee

**DESERTEC Foundation.**

Coordinator W.Africa in The Gambia

Dipl.Eng Peter Weissferdt

**Report about 12 years of Experiences Promoting and Executing Renewable Energy Plants in  
The Gambia**

**GAMWIND:** 2 Used Wind Converter each 450 kVA at Tanjeh, GEF/ UNIDO/GG Project  
(30% Grand/ 70% GAMWIND)

**Project start : May 2009**

**GEF Approval : May 2011**

**total 3-3,5 Years!!**

**GG Approval : Febr.2012??**

**Commissioning : July 2012 ??/ Dec 2012**

***BATOKUNKU WINDPOWER*** : 1 used Wind Converter 150 kVA and village 33kV/400Vgrid (100% Grand)

Project start : Dec. 1998

NAWEC PPA : May 2008 **total 10 years !!**

PURA/MoE License : August 2008

Commissioning : Jan. 2009

***CONREPP*** : 1 20 kWp Solar Panel LEOS HOTEL Brufut grid parallel operated  
*first grid parallel connected PV-plant !!*

Project start : Dec 2011

Commissioning : Oct.2012 **hopefully 11 month !!**

1 450 kVA Wind Converter for Tanjeh Community Fisheries Ice Plant  
(30% GEF Grand/70% Comm.)

Project start : March 2008

Commissioning : July 2013 ?? **hopefully 5,3 years !!**

**DESERTEC Foundation : 50 MW Concentrated Solar Power Plant( CSP) Feasibility Study**

**Project application : Dec 2010**

**GG Confirmation : Dec.2011**

**MOU : March 2012 ?? hopefully 1,8 years !!!**

**Study finish : Oct 2012 ??**

**What are the barriers some has to overpower to be successful??**

- **NAWEC**
- **Ministry of Energy MoE**
- **PURA**
- **Ministry of Lands MoL**
- **Physical Planning**
- **National Env. Agency NEA**
- **Financing (int. institutions)**

Administration reactions take very long time, replies and approvals mostly have to be  
**“hunted”**

Projects need competent local partner for permanent follow up, this is costly !

Investors are leaving projects behind when reaction times are too long for a feedback.

What to do?

**Establish clear Governmental rules for Renewable Energy Plants Investors**

- Grid connection (technical and commercial contract)
- License (only above 300kW?)
- Energy prices (PV, Wind, Bio Mass, Sewage gas, Thermo Solar )
- PPA (simple)
- Land Allocation ( reserved areas)
- Erection permit
- Environmental Conditions
- **Grid Priority (selling at any time)**
- Tax rules
- Time frames to be adhered by administrations.

**This all could be considered and summed up in a new**

***Renewable Energy Law of The Gambia***

**Such a law is the general assumption for a successful development of the Green Energy in The Gambia to reduce and stabilise the energy costs now and in the future**

**Peter Weissferdt**