

# TechniSup GmbH

The international Business Development Agency  
'Think Smartly'

Be smart and use TechniSup to develop your business.



Company Profile  
April 2024



## Vision

Though our internet era is characterized by fast and easy communication, but the business world relations, especially when connecting the West to the South and the East, were, are, and will always need high level, influential, and effective communications. This is the trademark of **TechniSup** and its devoted mission.

## Mission

Promoting West knowledge and development to South & East. Build business relations between Germany, Europe and the Middle East and Africa and vice versa. TechniSup aims to be the leader and the most reliable business connector in the next 10 years.

## Who we are:

**TechniSup** is a smart Business Facilitator with strong competence in early stage project development for small – medium - large – Green - Sustainable projects.

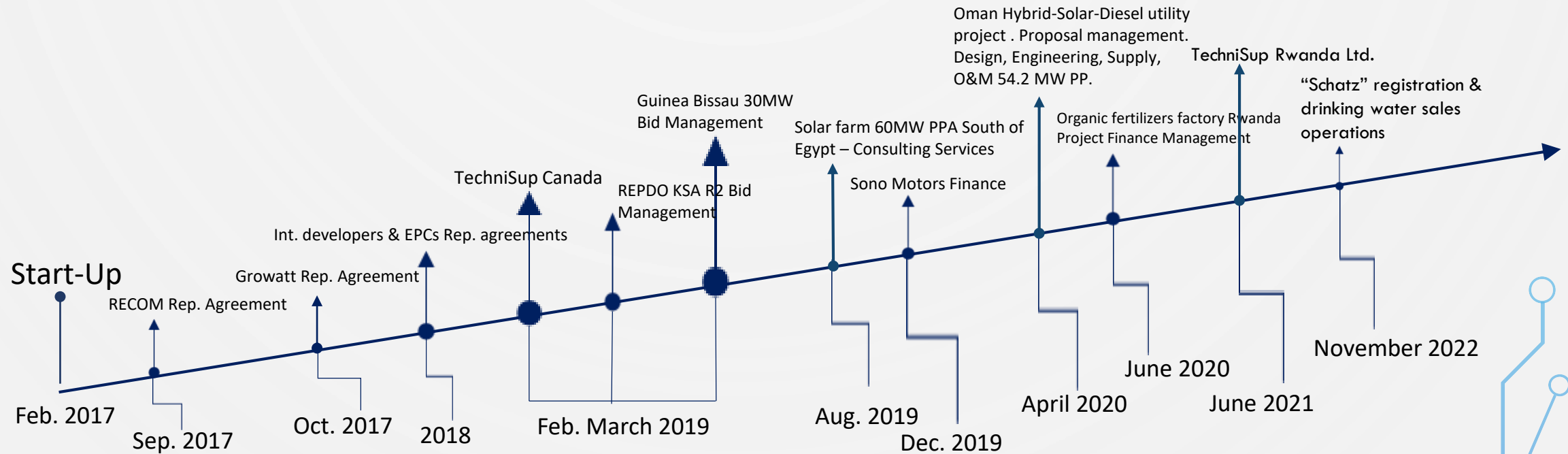
In executing our advisory process **TechniSup** combines investment acceleration, project implementation and hands-on advisory skills to navigate the complex structures which characterize today's financial markets and an unsurpassed creative approach that differs from the traditional consulting firm.

**TechniSup** believes that Middle East & Africa present an attractive investment opportunity for investors seeking attractive and long-term risk adjusted returns.

**TechniSup** is looking to quicken MEA's gap in its infrastructure and green energy deficit, while providing the quality project development and consulting services.

## History:

**TechniSup** was started in 2017 to bridge the three continents, Europe, Africa, Asia. Our core business today is to pave the way for the German/European suppliers, manufacturers to win a good share from the MEA markets. Our passion, long experience and extensive network of business contacts are our tools of success.







## **Our Business Model:**

### **✓ Understand your Business Needs**

We do our best to understand our client's business model. Then we do our own market research and analysis to come out with the best approach and channel map.

### **✓ Connecting Partners**

We search through all related partners to list the most potential for our client. Once our client is interested in specific partner, we help connecting them together for advanced business discussions.

### **✓ Closing deals and ongoing services**

We keep negotiating with partners on behalf of our client to make sure that we reach the best deal in terms of quality, safety, price and timeframe. Then we are always available to help and support when needed.

# TechniSup Service Offering

Our Service is offered in 3 distinct themes

## 1 Appraise

- 1- Project appraisal
- 2- Cost Estimation
- 3- Financial Modelling



## 2 Advise

- 1- Project Finance Advisory
- 2- Corporate Finance Advisory
- 3- Secure Asset Advisory



## 3 Develop

- 1- Development Planning
- 2- Contract & Cost Programming
- 3- Development Coordination and supervision.

Our aim is to be the ME - Africa's most admired and successful benchmark in executing early stage small - medium - large scale green economy projects.

Hi,

Do you have these **challenges**:

Fossil fuel dependency?

High fuel costs?

Grid disruptions and high costs?



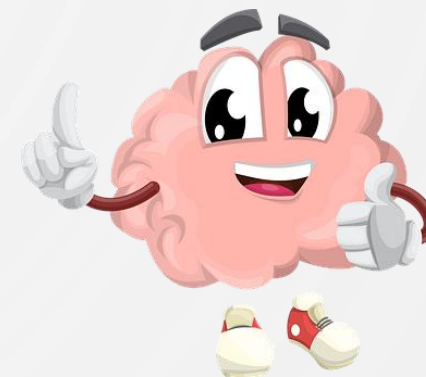
Are you **afraid** of the traditional solar PPAs

- Long term contracts
- High capex
- Large scale
- Land complications?



We have a smart solar solution for **you**!!

- Limited upfront investments
- Reduced costs
- Flexible contract duration and sizing
- Quick deployment



Our smart system is perfect for:

- ✓ Off-grid operations powered by diesel
- ✓ Small utilities with diesel or thermal generation
- ✓ On-grid users with high cost/unreliable power

Please give us the chance to customize our smart system according to your project requirements.

**Trust us, we deliver what we promise!!**

info@technisup.de

Brands we are proud to represent:



Tier1 PV Panels



German high quality PV batteries



Professional Off-Grid Solutions provider



German PV Panels



German PV Inverters



Chinese PV Inverters



French Street lights



Custom Solar Solutions



Global player – PV & Wind EPC



Solar Water Purification Systems



# **TechniSup Rwanda Ltd**

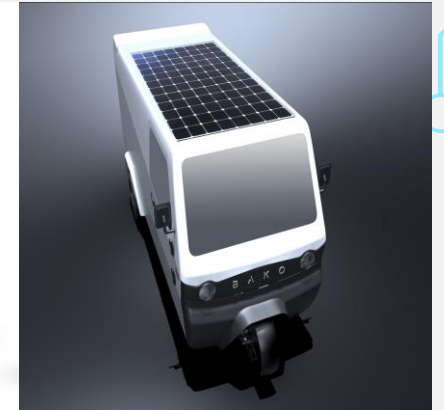
TIN 120393612

June 2022

## Introduction:

**TechniSup Rwanda Ltd.** shares the same vision & mission of **TechniSup GmbH, Germany.**

Developing solar & water industrial & commercial projects, e-mobility services, solar car parks and car charging stations are our main activities.



## Safe drinking water produced by solar purification system

### Project's Concept:

**Schatz water shops project** is a social-commercial project. It aims to supply clean-safe drinking water with very competitive and affordable price. Our unbeatable competences are:

High trustful quality of in-place production

German high-end technology

Low profit margins



## First Pilot Project: Tech**ni**Sup Rwanda Ltd Ruyenzi Branch

### Location

- Kamonyi, Ruyenzi, Rwanda

### Starting Date:

- 15.11.2022

### Activity

- supply of pure dinking water

### Capacity:

- 600 liters per hour

**Contact:** Chrysostomebd MUTWARANGABO – John Mugabo – Mohammad Fchich

**Tel.:** +250 788 303 267 Chryso

+250 788 760 273 John

+49 1573 4658 315 Mohammad

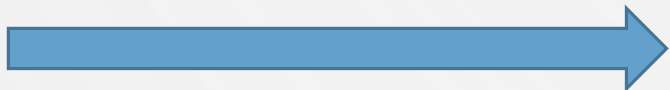
**E-mail:** [info@technisup.de](mailto:info@technisup.de)





This project is one of our reference projects implemented in 2019 by successful partnership between Siemens and We Water in Kenya.

**So, we don't sell water bottles or jerry cans.  
We sell affordable clean drinking water!  
We sell HEALTH!**





**TechniSup Technology Provider**





- Solarspring is a German manufacturer of innovative water treatment systems, based on membrane technologies. Our systems cover a capacity range from 5-500m<sup>3</sup>/day.
- Solarspring was founded in 2009 as a spin-off company of the Fraunhofer Institute for Solar Energy Systems (ISE). With around 1,200 employees, Fraunhofer ISE, is the biggest solar research institute in Europe.
- Solarspring has installed membrane based water treatment systems in more than 20 countries worldwide



## System Benefits

- Compact and innovative water purification systems, made in Germany
- High water quality up to 99,999% free from bacteria and viruses
- Large system capacity range from 5 - 500 m<sup>3</sup>/d
- PV power supply (without batteries) and chemical free operation
- Low maintenance and operation costs
- Long system live span (15 years)
- Easy plug'n play setup
- Automatic operation



# Multi Barrier System design





## **Ultrafiltration**

is used as main treatment to remove colloids, bacteria and viruses from “dirty” and microbiological contaminated surface water or well water

## **Media Filter**

is used as a pre treatment to remove e.g. iron, manganese, arsenic, hardness, etc...

## **Activated carbon filtration**

is used as post treatment to improve the taste and smell of the purified water. Activated carbon removes dissolved organics and some heavy metals.

## **Ultraviolet disinfection**

is used as a final treatment and a second security step after the drinking water storage. UV radiation is able to deactivate bacteria and viruses in order to guarantee a reliable protection against recontamination of the stored drinking water.





# SolarSpring reference projects in Kenya



SIEMENS | Stiftung & WeTu



## Water-Energy-Hubs at Lake Victoria, Kenya

- 4 systems installed in 02/2019
- Raw water intake from lake Victoria
- Up to 50m<sup>3</sup> safe drinking water per day
- 24/7 water supply via smart water dispensers
- No troubles, 100% customer satisfaction
- Platform for training and job opportunities







# Plexus Energy Company Profile

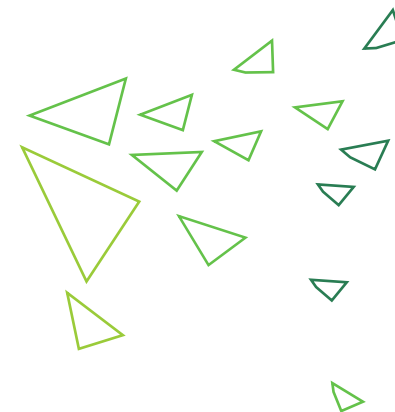
At the forefront of the Green Revolution in East Africa





# About Plexus Energy

We deliver green energy solutions to clients to reduce their recurring energy costs and increase their efficiencies.



Plexus Energy works with international and local companies leading in alternative energy products and services to provide clean forms of solar power. We empower our customers by giving them choices beyond traditional sources of electricity, enhancing their productivity and minimising their wasted resources. We also offer them the opportunity to develop their brands as environment-friendly and supportive of renewable sources of energy.

# Our Products and Services



**Engineering Service  
Distribution (ESD) System  
Provision**

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**Engineering Procurement  
Construction (EPC)  
Project Support**

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**Customised Solar Power  
Solutions according to  
Client Specifications**



# **Plexus Energy Ltd.**

## **References**





**Project Name:** Solar Mini-Grid 60KW Lagdera  
– Garissa County

**Project description:** In collaboration with the Rural Electrification Authority and the World Bank, we designed, supplied and Installed a Solar Mini-Grid in Lagdera Constituency located at Garissa County Kenya. The Mini-Grid now supplied clean power to over 600 households and growing. This was the first power supply in the area and is providing opportunities for the pastoralist community seek alternative livelihoods.

**Date of implementation: 2018**

Plexus Energy Ltd.



**Project Name:** Captive Solar 62KW – Severin Sea Lodge – Mombasa Kenya

**Project description:** In partnership with <https://www.meeco.net/> we supplied and installed a solar grid tie system which has provided Severin Sea Lodge savings on their energy costs. This has provided Severin with an electrical and solar training platform to the local community. We continue to provide remote monitoring and support for the system.

**Date of implementation:** 2021

Plexus Energy Ltd.





**Project name:** Residential Solar Home Lighting – 12KW– Loresho

**Project description:** We have done multiple home grid-tie solar lighting installations and providing the home owners savings on their energy costs. The solutions are customized based on the clients budget and priority of power use and at times separating the critical loads

**Date of implementation:** 2020

Plexus Energy Ltd.

## Some of our Certificate of Partnerships:



Heckert Solar GmbH  
Carl-von-Bach-Str. 11  
D - 09116 Chemnitz  
GERMANY

Tel.: +49 (0)371 458568-0  
Fax: +49 (0)371 458568-880  
Email: info@heckert-solar.com

www.heckert-solar.com

### Certificate of Partnership

The company  
**technisup.de**  
**Technical & Industrial Supply**  
**Handelsvertretung UG**

headquartered in  
Im Born Wald 11 | 66679 Losheim | Germany

represents Heckert Solar as specialized trade partner.

Herewith we authorize **technisup.de**  
**Technical & Industrial Supply Handelsvertretung UG**  
to offer and to deliver the branded PV-modules NeMo® 2.0  
which are produced in Germany by Heckert Solar.



Michael Bönisch  
Authorized Representative/Head of Sales & Marketing  
Heckert Solar GmbH

Chemnitz, September 28, 2017



Geschäftsführer: Benjamin Trinkel  
Amtsgericht Chemnitz HRB 29241  
Steuernummer: 215/110/06144  
UID: DE 218 459 277



SPINDEL- UND LAGERUNGSTECHNIK FRAUREUTH GMBH

# Certificate

We herewith declare that company

*Technical & Industrial Supply*  
*Handelsvertretung UG*

is representative of company

*Spindel- und Lagerungstechnik*  
*Fraureuth GmbH*  
*Fabrikgelände 5*  
*08427 Fraureuth / Germany*

in Saudi Arabia and Qatar.



Fraureuth, 22<sup>nd</sup> March 2017

G. Kahl - Purchase / Sales Manager

**KIGALI RWANDA**  
**150-300,000 tons/year**  
**natural organic fertilizer**  
**Lake Ruhondo - Musanze**  
**starting in 2019-2020**



**17 November 2020**

**To:** Whom it may concern.  
**Project:** Construction of a natural “green” organic fertilizer factory in Rwanda – Africa.  
**Subject:** Letter of thanks and appreciation

**Renewgreen Ltd.** has appointed and partnered with **Technisup GmbH** as it's exclusive consultant and project promotor and as sole representative for **Renewgreen Ltd.** in all and any related matters of the above named project.

We hereby acknowledge **Renewgreen Ltd.**, and express our sincere **Thanks** to **M/s TechniSup GmbH**, represented by **Mr. Mohammad Fchich**, as its company CEO for their great support and high professionalism in assisting us in applying, negotiation, preparing and conducting meetings and calls with the concerned international and local financiers and investor(s) and in providing assistance and support in order to secure the conclusion of the natural organic fertilizers project finance contracts.

**TechniSup's** team of consultants managed by **Mohammad** has shown a high level of commitment and loyalty during the project period - 5 months - and are still working with their high level of passion, long experience and creativeness to shape the best financial structure and develop all of the legal lenders agreements.

We highly appreciate **TechniSup** cooperation, knowledge and support and wish them all the best.

Best Regards

**Professor Donald D. Adams**

**Professor Emeritus, State University of New York, Plattsburgh, New York**

**CEO, Founder and Director, Renewgreen Ltd., Kigali, Rwanda**





# TechniSup Network

## Europe Head Quarter

### TechniSup GmbH

Im Bornwald 11, 66679 Losheim am See, Germany.

Tel. 0049 15734658315

[info@technisup.de](mailto:info@technisup.de)

[www.technisup.de](http://www.technisup.de)

## Arabic Gulf - Strategic partner

### Ektbarat Engineering Cont. Company

P. O. Box 3518, Dammam Kingdom of Saudi Arabia.

Tel. 00966 546888820

[info@eecc.sa](mailto:info@eecc.sa)

[www.eecc.sa](http://www.eecc.sa)

## Canada & USA Managing Partnership

### Candawe Inc.-TechniSup

55 Rue de Louvain O. #360 Montreal QC, H2H1A4 Canada.

Tel. 001 514 9266543

[info@technisup.ca](mailto:info@technisup.ca)

[www.technisup.ca](http://www.technisup.ca)

## Egypt - Strategic partner

### Ektbarat Engineering Cont. Company

Giza - 6 October 11 District - Al Majed Camp. Egypt.

Tel. 0020 1100861470

[info@eecc.sa](mailto:info@eecc.sa)

[www.eecc.sa](http://www.eecc.sa)

## Arabic Gulf - Strategic partner

### Distinguished Resources Company

P. O. Box 270971, Riyadh 11352 Kingdom of Saudi Arabia.

Tel. 00966 11 8109685

[info@drc-sa.com](mailto:info@drc-sa.com)

[www.drc-sa.com](http://www.drc-sa.com)

## Africa - Head Quarter

### TechniSup Rwanda Ltd.

Remera, Gasabo, Umujyi wa Kigali

Kigali, Rwanda

Tel. 00254 721549634

[info@technisup.de](mailto:info@technisup.de)

[www.technisup.de](http://www.technisup.de)

# TechniSup local agents & consultants

## **GCC:**

UAE, Bahrain, Oman, Qatar, Kuwait & Yemen

## **Middle East mainly :**

Jordan, Lebanon, Syria, Iraq and Turkey

## **Africa mainly :**

Rwanda, Kenya, Morocco, Algeria, Mauritania, Mali, Guinea Conakry, Togo, Chad, Senegal

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**Thank you**

**Contact: Mohammad Fchich**

**Email: [fchich@technisup.de](mailto:fchich@technisup.de)**

**Mob. +49 15734658315**