



TAHKA
GROUP B.V





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ABOUT US

Tahka Group B.V is a Dutch registered company that is located in the Netherlands. Moreover, the company was incorporated by two (2) founding members; Titi Dedan Owori and Davie John Mstuko. The company consists of various business initiatives that have been integrated on the sole purpose to combat environmental degradation and climate change through the use of renewable energy and innovative technologies. We generate clean energy from the worlds greatest natural power source, the sun.





Mission

Our mission is to help illuminate the continent of Africa.

Vision

We envision ourselves becoming one of the largest, by market share, solar energy providers in eastern and southern Africa.

With the utilization of these renewable and innovative technologies, Tahka Group will be able to accomplish its corporate mission of illuminating the African continent. Moreover, the company's vision is to become one of the largest, by market share, solar energy providers in eastern and southern Africa.

In addition, we see ourselves ultimately playing a big role in making Sub-Saharan countries entirely solar powered run by meeting the energy deficiencies they are currently facing. We are taking a few like-minds with a shared vision—and running towards this goal.

Our Global South Team

45 Years of combined team experience. An excess of 100MW Solar projects experience



DAVIE JOHN MSTUKO



TITI DEDAN OWORI



DANTE A. BAKER



KIDANDI ARTHUR



SAFDAR HUSSEIN
BAHAWAL

With over 45 years of combined experience, our team offers a unique blend of experts and consultants. With this combination of talent and a hands-on approach, we can uniquely support our clients' needs.



APPROACH

01

WE VALUE; INTEGRITY, COMMITMENT
PROFESSIONALISM, RELIABILITY AND
QUALITY.

02

INTEGRATING INNOVATIVE
TECHNOLOGIES

03

CONNECTING AND SHARING WITH
STAKEHOLDERS

In the same spirit we listen to the clients' needs and we work together to come up with customized solutions that integrate innovative technologies that solve their energy problems. We are with you every step of the process.

PRODUCTS AND SERVICES

Funding Options

For deserving projects, external funding will also be offered from 3rd party investors OR financial institutes up to 80% of the project cost.

Operation & Maintenance

Our online monitoring solutions are also a step ahead in the direction of automation. with our innovative solutions, your projects will get full life operations and maintenance support. A dedicated project manager will monitor your project for any maintenance requirements. ensuring least possible downtime.



HYBRID SYSTEM

OFF- GRID SYSTEM

ON- GRID SYSTEM

SOLAR GENERATORS

NANO-GRID MONITORING SYSTEM

STREET SOLAR LIGHTING

SOLAR AS A ROOF

ENERGY STORAGE
SYSTEMS



HYBRID SOLAR SYSTEM

THOUGH IT DOES REQUIRE ADDITIONAL INVESTMENT IN THE FORM OF BATTERIES, IT IS VERY POSSIBLE TO GET THE BEST OF BOTH WORLDS BY BUILDING A SOLAR SYSTEM THAT ONLY USES TRADITIONAL UTILITY POWER AS BACK-UP. IN THIS SCENARIO, RATHER THAN FUNNELING, YOUR EXCESS SOLAR ENERGY BACK TO THE POWER GRID, YOU STORE YOURSELF. IF YOU PLAN WELL AND CREATE ENOUGH STORAGE, YOU CAN PUT YOURSELF IN APPOSITION OF ONLY USING THE POWER GRID FOR CASES OF EXTREME ENERGY USE OR VERY LIMITED SUNLIGHT AVAILABILITY. THE HYBRID OPTION IS MORE AND MORE REALISTIC WITH THE ONSET OF NEW STORAGE TECHNOLOGY INCLUDING THE BATTERY.

ON GRID-TIED SOLAR POWER SYSTEMS

THE GRID-TIED SOLAR SYSTEM IS THE MOST COMMON TYPE OF SOLAR POWER SYSTEM. THESE SYSTEMS ARE CONNECTED TO YOUR LOCAL ELECTRIC GRID AS WELL AS YOUR HOME. THE SYSTEMS PROVIDE YOUR POWER NEEDS THROUGHOUT THE DAY AND IF YOUR SYSTEM PRODUCES MORE, THE EXTRA SOLAR POWER WILL BE FED BACK TO THE UTILITY WHERE IT CAN BE USED BY YOUR NEIGHBORS AND OTHERS.

OFF-GRID RESIDENTIAL SOLAR POWER SYSTEM

STAND ALONE SOLAR POWER SYSTEMS ARE INCREDIBLY USEFUL IN AREAS WITH LIMITED (OR COMPLETELY UNAVAILABLE) UTILITIES. USING A COMPLETELY OFF GRID SOLAR POWER SYSTEMS REQUIRE SOME EXTRA EQUIPMENT IN THE WAY OF BATTERIES AND/OR OTHER ENERGY STORAGE DEVICES, BUT THE RESULT IS COMPLETE INDEPENDENCE FROM ANY OUTSIDE UTILITY PROVIDER. ONE OF THE PITFALLS OF THE OFF-GRID SOLAR SYSTEM IS THAT YOU OFTEN WASTE UNUSED ENERGY, AS BATTERY STORAGE IS LIMITED. IN CERTAIN PLACES, THERE ARE ALSO REGULATIONS DICTATING THAT RESIDENCES AND BUSINESSES MUST BE TIED INTO A GRID. GOING OFF-GRID MEANS COMPLETE UTILITY FREEDOM, BUT IF THIS IS THE ROUTE YOU TAKE, IT'S BEST TO INVEST IN SOME HEAVY-DUTY SOLAR STORAGE DEVICES AND TO DOUBLE CHECK ALL LOCAL LAWS AND REGULATIONS TO MAKE SURE OFF-GRID IS AN OPTION FOR YOUR AREA.

SOLAR RACKING SLOPED ROOF MOUNTING SYSTEMS

WHEN IT COMES TO RESIDENTIAL SOLAR INSTALLATIONS, SOLAR PANELS ARE OFTEN FOUND ON SLOPED ROOFTOPS. THERE ARE MANY MOUNTING SYSTEM OPTIONS FOR THESE ANGLED ROOFS, WITH THE MOST COMMON BEING RAILED, RAIL-LESS AND SHARE RAIL. ALL THESE SYSTEMS REQUIRE SOME TYPE OF PENETRATION OR ANCHORING INTO THE ROOF, WHETHER THAT'S ATTACHING TO THE RAFTERS OR DIRECTLY TO THE DECKING.



FLAT ROOF MOUNTING SYSTEMS

COMMERCIAL AND INDUSTRIAL SOLAR APPLICATIONS ARE OFTEN FOUND ON LARGE FLAT ROOFTOPS, LIKE ON BIG-BOX STORES OR MANUFACTURING PLANTS. THESE ROOFS MAY STILL HAVE A SLIGHT TILT BUT NOT NEARLY AS MUCH AS SLOPED RESIDENTIAL ROOFS. SOLAR MOUNTING SYSTEMS FOR FLAT ROOFS COMMONLY BALLASTED WITH FEW PENETRATIONS.



OUR PARTNERS





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