

What does sunculture do?

At SunCulture, we strive to solve the biggest daily challenges of smallholder farmers. We use off-grid solar technology to provide our customers with reliable access to water, irrigation, lighting, and mobile charging, and we can do all of that with a single system.

Does sunculture sell IoT-enabled solar irrigation equipment?

SunCulture sells affordable IoT-enabled solar irrigation equipment bundled with tailored advice and generates unique intelligence around usage/needs.

Why should you choose sunculture?

With SunCulture, you can increase your crop yields by 300% and reduce your water usage by 80% with a simple push of a button. We also offer a Pay-As-You-Grow option that allows you to pay in small monthly installments. We have high standards of quality for both our solar pumps and services.

How important is sunculture's weather model?

SunCulture's weather model and potentially in the future yield models, as well as data such as water table depth maps, represent highly valuable data to lenders and insurers, and other players across the agricultural and environmental value chain.

What is sunculture Middle Management Learning & Development?

The SunCulture Middle Management Learning and Development project, supported by the Water and Energy for Food Grand Challenge, is a Technical Assistance initiative aimed at developing the self and commercial leadership capacity of middle managers. These managers will need to take up increasingly strategic positions as SunCulture prepares for a Series B raise in 2022.

How will customer IoT data help sunculture?

Customer IoT data will be used to analyse customer behaviour patterns to understand repayment ability/profiles and allow SunCulture to develop and upsell a range of higher value productive appliances.

Maximize your farm's irrigation with the ClimateSmart(TM) Direct with RainMaker 2S MAX, designed for farms under 1 acre. This advanced solar irrigation system delivers a powerful maximum head of 70m and a flow rate of 1.1m<sup>3</sup>/hour, ...

Have questions about SunCulture's solar irrigation solutions? Explore our comprehensive Help & FAQs section for answers on our RainMaker solar pumps, ClimateSmart systems, drip irrigation kits, and more. Discover product details, specifications, and benefits. Contact us at 0800 721 042 or [sales@sunculture.io](mailto:sales@sunculture.io) for further assistance. Get reliable and sustainable solar irrigation ...

Our Impact Read through some of our success stories Empowering smallholder farmers with solar irrigation 0 K+ Farmers use SunCulture products We are the largest distributor of solar irrigation for smallholder farmers in Sub-Saharan Africa, with 50% market share in East Africa 0 % Lower costs vs. petrol & diesel irrigation We use carbon revenues [...]

SunCulture Solar Water Pump is therefore here to offer a diverse value proposition for the underserved regions. These solar powered irrigation pumps are improving agriculture through off-grid energy solutions. The technique answers one of the most pressing issues, especially the source of energy to smallholder farmers in remote areas.

Get to know SunCulture, a leader in solar irrigation pumps, committed to solving the daily challenges of smallholder farmers. Learn about our mission to empower sustainable farming with innovative off-grid solar technology, providing water, irrigation, lighting, and mobile charging solutions. Discover how our products can increase crop yields by 300% and reduce water ...

Nithio does so by lending directly to the off-grid solar sector through its financial intermediary, Nithio FI, as well as supporting other investors to scale their investments by better understanding consumer credit risk. Learn more at [About SunCulture](#) SunCulture is a climate-smart agriculture company for smallholder farmers.

The SunCulture investment closely aligns with the strategic priorities of PIDG and InfraCo Africa by scaling access to affordable, solar-powered irrigation systems which are designed to improve yields and farmers" ...

It can be tapped from sunlight through Solar Water Pumping (SWP). Besides, a solar water pump can save 20 to 50% of the cost of pump fuel for the farmer. Solar Water Pumping involves pumping of water with the help of solar pumps and guides it to a higher elevation where it can be used to irrigate crops.

SunCulture Kenya shall be claiming carbon credits from the sale of SunCulture solar pumps (which includes Solar PV panels and pumps) used for irrigation in the various regions of Kenya. SunCulture shall claim the credits for sales made as of 1st August 2020. Get the SunCulture App !

Join SunCulture in solving the daily challenges of 570 million smallholder farming households. Partner with us to enhance access to renewable energy solutions and build a CO2-neutral future. Discover our innovative solar irrigation products and how they transform agriculture. Work with established organizations to deploy sustainable energy across Africa and beyond.

Khoumagueli will be Guinea's first grid-connected solar PV power project. As one of Guinea's earliest renewable IPP initiatives, the Khoumagueli project has used grant funding from PIDG's Technical Assistance (TA) to support work to build government capacity to undertake future renewable energy projects with the private sector.

Discover the impact of SunCulture's solar irrigation solutions through inspiring success stories from

smallholder farmers. Aligned with UN Sustainable Development Goals, our journey showcases the transformative power of solar irrigation. Explore our case studies and see how SunCulture is making a difference. Contact us at 0800 721 042 for more information.

Boost your farm's productivity with the ClimateSmart(TM) Direct with RainMaker 2CK, ideal for farms under 2 acres. This powerful solar irrigation system offers a maximum head of 30m and a flow rate of 2.75m<sup>3</sup>/hour, ensuring efficient water distribution. Enhance your setup with optional addons like a double-panel solar stand. Choose a sustainable and reliable solar irrigation solution that ...

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Elevate your irrigation efficiency with the ClimateSmart(TM) Direct with RainMaker 2S. Perfect for farms under 1 acre, this solar water pump delivers a maximum head of 30m and a flow rate of 1.1m<sup>3</sup>/hour. Powered by a robust solar panel, it ensures sustainable water management. Optional addons include a single-panel solar stand. Invest in a reliable, eco-friendly solar irrigation ...

Our Products Farm Smart with ClimateSmart(TM) Direct Transform your life with SunCulture solar powered irrigation and lighting solutions SunCulture has a wide range of innovative irrigation solutions for shaping up your shamba and solar lighting solutions to light up your home. SunCulture cutting edge solutions achieve this economically and sustainably in a world where ...

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