



# **Enviro Energy Solutions Ltd**

## **Your Gateway to the Sun**

### **Company Profile and General Presentation**

**...BECAUSE WITH ENVIROENERGY SOLUTIONS THE SUN SHINES FOR EVERYONE...**



**V3-9-18**

# Harnessing the Sun



The sun is an inexhaustible, reliable and non-polluting source of power. The amount of energy generated by the sun in just one hour is more than enough to satisfy the energy needs of all the Earth for an entire year. Harnessing that energy was at first a dream, then a challenge. Today with ENVIROENERGY SOLUTIONS it has become not only a reality but a necessity.

In many countries, especially in sub-Saharan Africa where many areas still remain without power, solar energy in many cases makes the difference between light and darkness and even life and death.

**ENVIROENERGY SOLUTIONS** is one of the few companies worldwide capable of providing all kinds water, lighting and energy independence solutions, with state of the art, high quality, certified solar products since 2006, through its Head Office in Cyprus **ENVIROENERGY SOLUTIONS E.S. Ltd**, manufacturing in Greece, France, Germany and Asia, an Agency in the USA **ENVIROENERGY SOLUTIONS USA**, and Italy **ENVIROENERGY ITALIA** and branches in the Caribbean's **ENVIROENERGY CARAÏBES Sarl** and Kenya **ENVIROENERGY SOLUTIONS KENYA Ltd**.

With a constant concern for innovation **ENVIROENERGY SOLUTIONS** also offers bright, sunny solutions for various other applications with a development of innovative products using solar energy (**Solar Tables, Solar Air Conditioners, Solar Generators...**) offering answers to all types of needs with individual or collective solutions.

From domestic solar cooling requirements to saving energy and reducing the carbon footprint, or providing solar hot water in arid areas with no water to providing light where in darkness, **ENVIROENERGY SOLUTIONS** makes the difference.

## Company Profile

Founded in 2006 by **Yannis Vassalos** (until then Export Director of some of the biggest European Solar Energy manufacturers), **ENVIROENERGY SOLUTIONS**, specialized in solar energy, conceives, manufactures and distributes complete solutions or components of solar energy systems. Through our Head Office in Cyprus, one of the first countries in the world to produce and use Solar Energy since the 1960's, we have expanded with branches, agents, partners and distributors around the World. Forming part of a group of sister companies with Atlas Medical and Gresinimex, has allowed the company to develop in many fields and many countries and through cross sales achieve complete solutions in the fields of Energy, Health, General Trading, Transportation, Import/Export and more.

Today, **ENVIROENERGY SOLUTIONS** is one of the few companies around the world that manufactures under its own brand or O.E.M. for other companies under their brand names, and distributes complete solar energy solutions for almost every need.

Aiming to render Solar Energy simple, affordable and popular to everyone, **ENVIROENERGY SOLUTIONS** offers complete plug and play solutions that do not require specialized installation and through a team of dedicated partners composed of engineers and installers working closely together, **ENVIROENERGY SOLUTIONS** also offers OEM products, tailor-made services and complete Turn-Key solutions for electrifying and heating from a simple house to a small city.

Uncompromising on the quality of the equipment and services we offer, at **ENVIROENERGY SOLUTIONS** we manufacture, use and distribute exclusively high quality, certified materials and components and partner with leading brands in the field. Dedicated and specialized in Solar Energy, from **Solar (water and space) Heating and Cooling** to **Solar Pumping** and **Solar Electricity Production**, with a wide variety of practical, unique and innovative Solar Products, such as **Solar Tables** and **Solar Refrigerators**.

Decades of accumulated experience and know-how between our dedicated staff, engineers and partners guaranty the correct and professional approach to your needs and the highest quality equipment for the success of all your solar projects. With references, offices, partners and manufacturing plants around the world, a constant concern for innovation and uncompromising on the Quality, **ENVIROENERGY SOLUTIONS** is your One Stop Solar Partner for High Quality Solar Energy Solutions.

# Solar Water Heating and Space Heating



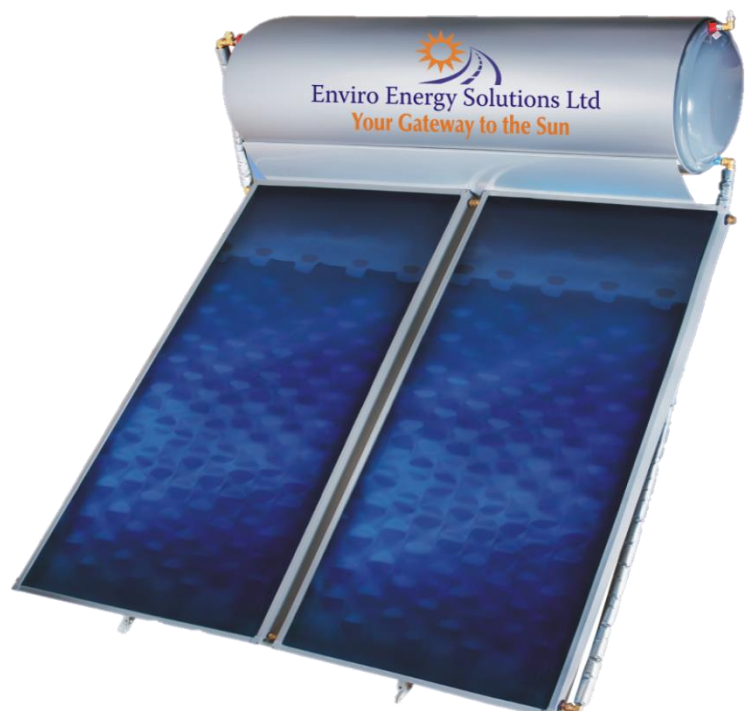
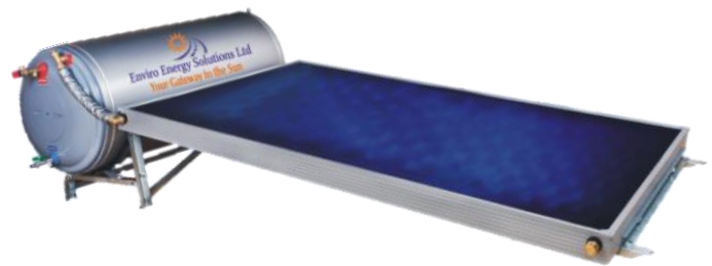
Hot water is not a luxury but an important necessity everywhere, from houses to hotels, mosques and hospitals to every other public building. Today, all around world with the never ending rising of energy costs and hot water accounting for up to 60% in some regions, solar energy is becoming the most popular, reliable, independent and economical way to produce hot sanitary water.

Solar Water Heaters are the simplest, the most efficient and the most cost-effective way to heat water, reaching up to 90% annual savings on energy costs with the use of Thermosiphon systems especially around the Mediterranean or in high radiation countries.

Renowned for their high quality and durability, **ENVIROENERGY SOLUTIONS Thermosiphon Solar Water Heaters** have been used for many years all around the world offering FREE and ABUNDANT hot water to all its users. Thermosiphon systems are the most reliable, cheap and completely solar powered solutions to heat water for any purpose. Flat plate thermosiphon systems are the most widely used systems around the world and are also the most robust and require less maintenance than vacuum tube collector systems. They come in either closed circuit or open circuit, depending on the climate and water quality of the region they will be installed.

## ENVIROENERGY SOLUTIONS CLASSIC THERMOSIPHON SOLAR WATER HEATERS

Proven under the harshest climatic conditions, **ENVIROENERGY SOLUTIONS Thermosiphon Solar Water Heaters** come with either Enameled Glass Lined Tanks, 316L Marine Grade Stainless Steel Tanks, or Copper Tanks and with highly selective or semi-selective flat plate collectors or vacuum tube collectors. With a variety of colors and sizes ranging from 80Lt to 500Lt. For individual unit installations or multiple unit collective installations **ENVIROENERGY SOLUTIONS Thermosiphon Solar Water Heaters** offer flexibility with high esthetics, adaptable to every environment and blending into any landscape.

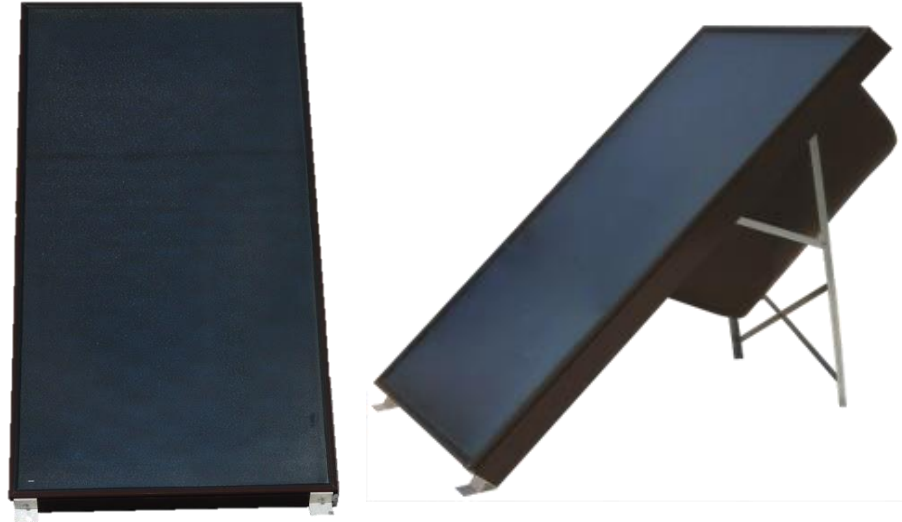




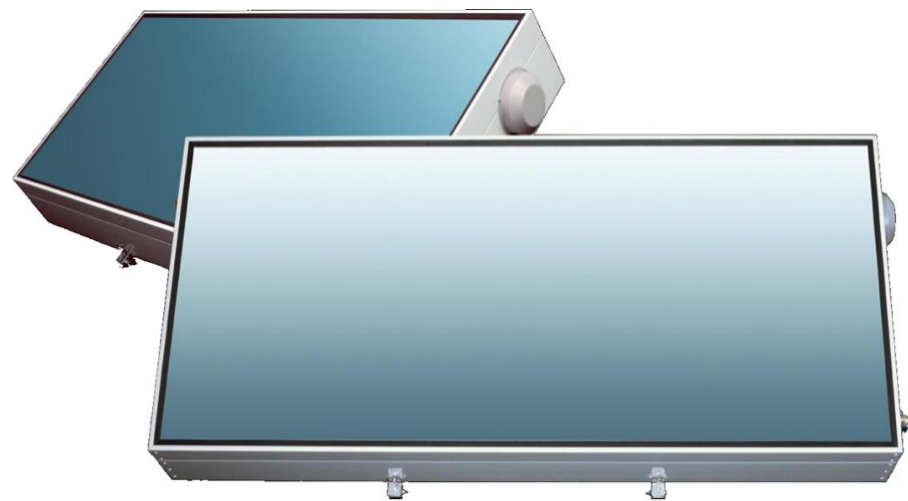
## ENVIROENERGY SOLUTIONS ALL-IN-ONE THERMOSIPHON SOLAR WATER HEATERS

### Advantages of the ECOM Series Solar Water Heaters:

- Superior quality and durability with Aluminium and Thermoplastic casing
- Superior heating performance thanks to Ethyl Alcohol
- Antifreeze protection up to -60 degrees Centigrade
- Innovative design offering superior aesthetics
- Maintenance Free - Does not require refilling of the thermal fluid
- Very compact unit
- Perfect landscape integration
- Economy of space: no heavy and bulky tanks and mounting structures
- Simple and quick installation compared to other solar systems
- Reducing installation time to a minimum: requires only connecting cold and hot water inlet and outlet



**ECOM Series** Closed Circuit All-in-One Thermosiphonic Solar System from Available in 100Lt, 150Lt and 200Lt models.



**EAST Series** Open Circuit All-in-One Thermosiphonic Solar System from Available in 100Lt, 150Lt and 200Lt models.

### Advantages of the EAST Series Solar Water Heaters:

- Superior quality and durability: made of AISI 316L grade Stainless Steel
- Superior performance: thanks to its direct heating system
- Innovative design offering superior aesthetics
- Maintenance free: No closed circuit to refill
- Ultra slim and ultra-low: maximum height of 87cm
- Perfect landscape integration
- Economy of space: no heavy and bulky tanks and mounting structures
- Simple and quick installation compared to other solar systems
- Reducing installation time to a minimum: requires only connecting cold and hot water inlet and outlet



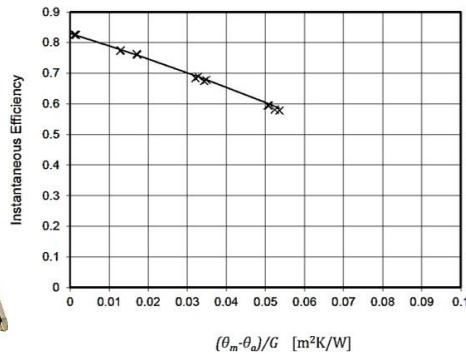


## ENVIROENERGY SOLUTIONS TANKS, COLLECTORS AND COMPLETE FORCED CIRCULATION SOLAR WATER HEATERS

From individual household kits to large industrial scale installations for office buildings, hotels, schools, mosques, hospitals and prisons, **ENVIROENERGY SOLUTIONS** offers complete and reliable solutions

**ENVIROENERGY SOLUTIONS** Highly Selective Solar Collectors are Certified the most Powerful and most Efficient Solar Collectors in the World.

The available in sizes ranging from 1,50 sq. meters to 2,72 sq. meters, for vertical or horizontal installations, offering every possibility and adapting to every need.



### EFM TITANIUM SELECTIVE COLLECTORS DATA

- Instant Efficiency\*  $\eta_0$ : 0,830
- First degree heat loss\*  $\alpha_1$ : 3,63W/m²K
- Second degree heat loss\*:  $\alpha_2$ : 0,015W/m²K²
- Stagnation temperature (at 1000 W/m² at 30°C): 231,09°C
- Effective Thermal Capacity: 10.85 kJ/(m²K)
- Flow Rate: 0.021kg/(s m²)
- Irradiance G=1000W/m² – Ambient temperature Ta= 30°C

\*Compared to collector aperture area as per EN12975 – Solar Keymark Certification

**Enviro Energy Solutions Ltd**  
**Your Gateway to the Sun**  
**THE NEW ENVIROENERGY SOLUTIONS**  
**EFM SERIES COLLECTORS**  
**CERTIFIED**  
**THE MOST POWERFUL**  
**COLLECTOR IN THE WORLD**

**TITANIUM SELECTIVE COLLECTORS DATA**

- Instant Efficiency\*  $\eta_0$ : 0,830
- First degree heat loss\*  $\alpha_1$ : 3,63W/m²K
- Second degree heat loss\*:  $\alpha_2$ : 0,015W/m²K²
- Stagnation temperature (at 1000 W/m² at 30°C): 231,09°C
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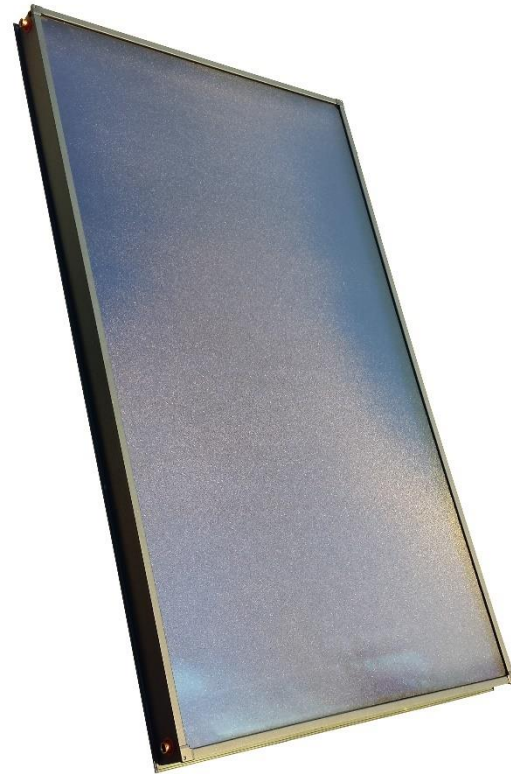
Flow Rate: 0.021kg/(s m²)  
 Irradiance G=1000W/m² – Ambient temperature Ta= 30°C  
 \*Compared to collector aperture area as per EN12975

**ENVIROENERGY SOLUTIONS SOLAR WATER**

**ENVIROENERGY SOLUTIONS** Solar Tanks, Heat Pump Tanks, Buffer Tanks and Boilers are available in horizontal or vertical, wall mounted or floor standing versions, in 316L Stainless Steel or Glass Enameled, from 40 to 9000Lt.

For Domestic Hot Water or in combination with space heating, with an integrated Heat Pump back-up or in combination with a Heat Pump, etc...

Adapting to every, need with sizes ranging from just 80lt up to 9000lt, for all small scale or large-scale installations.



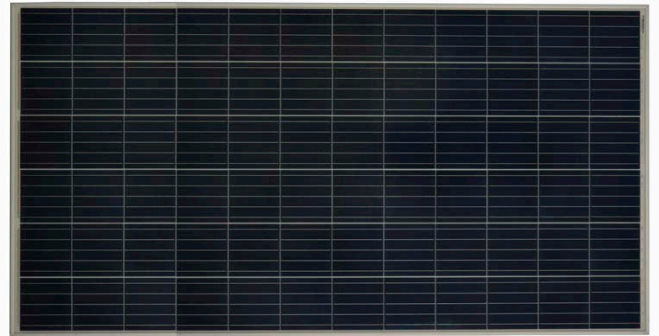


# Solar Electrification

**ENVIROENERGY SOLUTIONS** offers complete solar electrification solutions for every need: from pre-mounted plug and play home electrification kits, to tailor made rural electrification solutions for electrification of a simple house to a complete village, or just provide components and accessories for PV installations.

## ENVIROENERGY SOLUTIONS PV MODULES AND ACCESSORIES

A basic PV electrification system consists of solar panels, an inverter, a charge controller, cabling, safety accessories and eventually a solar battery pack to store the electricity to be used for hours into the night. **ENVIROENERGY SOLUTIONS** can offer complete turnkey solutions (for large scale installations) or just provide modules or our leading brand partners (SMA, Hoppecke, Fronius, Steca, and others) high quality European components for both grid tied and Off-grid installations.



## ENVIROENERGY SOLUTIONS PLUG AND PLAY – PRE-MOUNTED PV KITS

**ENVIROENERGY SOLUTIONS** also offers it's unique "Conshome", EPSG Series range of pre-mounted and Portable Solar Generators and EHSG Hybrid Solar generators. They are "plug and play, easy to install systems of up to 10kWp per unit, that do not require a specialized electrician for installation. The energy produced can be either directly consumed, sold to the grid or stored it in batteries for later use.



**Conshome Pre-Mounted Plug and Play Solar Generator**



**EPSG Series Portable Solar Generators  
And EHSG Hybrid Solar Generators**



# Solar Street Lights



Solar street lights and solar flood lights are the most economical and completely independent way of lighting a street or an area; especially in remote locations where extending the utility grid is prohibitively expensive. Even in urban areas, these find great usage to reduce dependency on conventional power, which in many places is often unstable and unreliable, and to contribute towards green energy and the reduction of the carbon footprint. Reliability and long life make solar powered outdoor lighting solutions highly effective in fulfilling lighting requirements.

## ENVIROENERGY SOLUTIONS ALL-IN-ONE SOLAR STREET LIGHTS

### ENVIROENERGY SOLUTIONS LED Street Lights offer:

- High lumen output (8 x more)
- Tremendous energy saving of up to 80 %
- Long life (up to 13 years, 50,000 hours)
- High colour index
- Revolutionary photometric design
- No glare or strobe effect
- No dust absorption or yellowing as time goes by
- Instant start (no time delay)



Enviroenergy Solutions EA1SL All-in-one Solar LED Street Lights with Built-In Mini HD WiFi Camera - Patented

### Compared to other Street Lights the NEW EA1SL Series Solar Street Lights offer many advantages:

- Very Bright, High Efficiency LED Chips Up to 210 Lm per watt
- Up to 5 days lighting once fully charged
- Up to 12 hours per night
- Wide angle 140°
- Built-in HD WiFi Camera
- Real time image of the street from computer or mobile phone
- 4 modes of operation
- Remote control
- Tremendous energy saving
- Long life (up to 13 years, 50,000 hours)
- High colour index
- No glare or strobe effect
- No dust absorption or yellowing in time
- Instant start (no time delay)



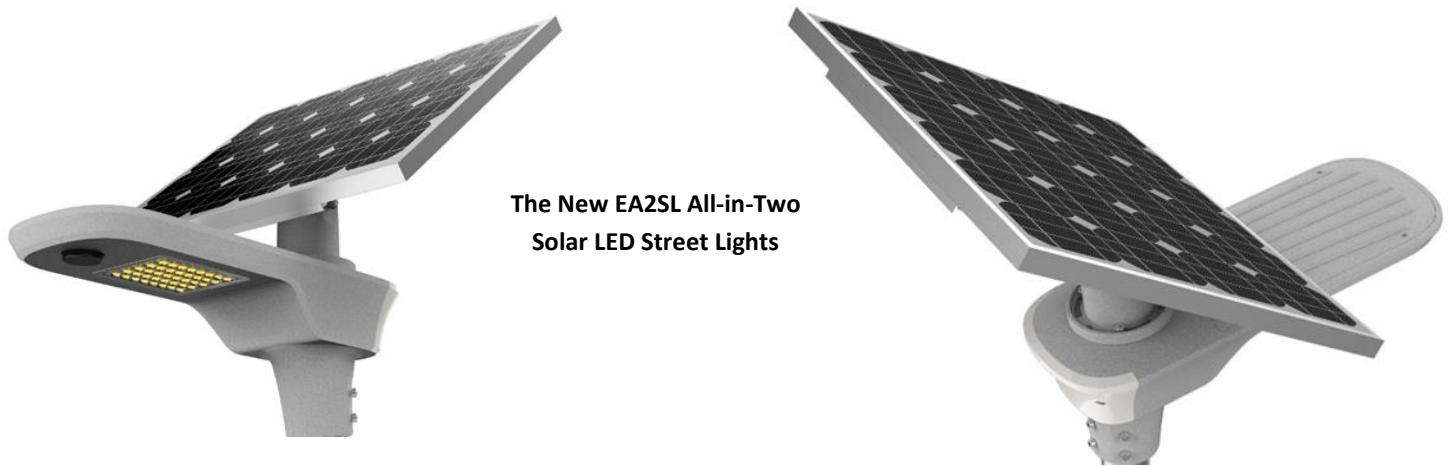




## ENVIROENERGY SOLUTIONS ALL IN TWO SOLAR STREET LIGHTS

The patented design **ENVIROENERGY SOLUTIONS ALL in TWO EA2SL Series** Solar Street Lights offer the advantages of the All-in-One type Solar Street Lights being very Efficient, Easy and Quick to install with no complicated wiring or concrete boxes to bury the battery or suspend it on a the pole, but with the advantage of having flexible battery storage capacity, and flexible solar panel capacity (since the module is not limited to the size of the lamp) with independent inclination and 360° rotation above the lamp.

As such, NEW EA2SL Series Solar Street Lights are completely customizable so they can adapt to any situation and respond to every need. No extra controllers and no extra cabling required, just plug and play!



The New EA2SL All-in-Two  
Solar LED Street Lights

Compared to other Street Lights the NEW EA2SL offers many advantages:

- Adjustable angle and rotation of solar module independent of the lamp offering flexibility of installation in any location
- Exceptional Quality Materials: Die cast aluminium body Integrally molded and Very High Output Bridgelux LED chips with up to 200lm/w
- Customizable Solar Module Capacity: High output Mono Crystalline modules with cell efficiency>19% in order to reduce panel size, can be can be increased or decreased depending on the project requirements. The solar panel has an 80%, 25-year linear warranty.
- Expandable Storage Capacity: Longer life span Deep cycle Lithium batteries capacity can be expanded to meet any project requirements.
- Remote control
- Highly Aesthetical Product with Exceptional Design, With a streamlined Die Cast Aluminium Unibody structure that looks like it is made of granite rock, compact dimensions, the minimized size solar panel, and an RGB tail light for decoration, the EA2SL series blends-in every landscape.
- Wide lighting and motion sensor sensor angle 140°
- Night Sensor and PIR Motion sensor control with 4 modes of operation
- Temperature control system to protect battery charging/discharging in high temperatures
- Quick battery replacement and access inside the lamp
- No glare or strobe effect, No dust absorption or yellowing in time

**ENVIROENERGY SOLUTIONS** LED Street Lights can also be used in replacement of conventional, pre-existing, grid-connected street lights, offering an immediate economy up to 80% on energy bills. The masthead of our LED lamp is designed for simple replacement of existing lamp units without the expense and disruption of changing the lamp post or wiring.

**ENVIROENERGY SOLUTIONS** offers decentralized and grid independent lighting systems for various applications such as: Street Lighting, Roadway Lighting, Pathway Lighting, Ramp Lighting, Sidewalk Lighting, Private Road Lighting, Jogging Path Lighting, Park Lighting, Gate Lighting, Railway Yard Lighting, site lighting for telecom systems, Farm Lighting, Wildlife Area Lighting, Perimeter Security Lighting, Fence Lighting, Campus and compound Lighting, Ship Dock Lighting, Oil Platforms and Oil Wells Lighting, Military Base Lighting, Remote Area Lighting, stadiums, mosques, and many more...



# Solar Tables



**ENVIROENERGY SOLUTIONS SOLAR TABLES** are original and innovative products that recharge the batteries of all mobile electronic devices and can also power electric and electronic devices including lighting.

Thanks to the latest amorphous and thin film technologies used, our Solar Tables can perform both outdoors and indoors, working with indirect UV lighting. The quality of the solar panel used is such, that its light sensibility is better than the one used on solar calculators, which work under practically all circumstances.

Made in Europe from high grade aluminium, **ENVIROENERGY SOLUTIONS SOLAR TABLES** are completely independent and produce their own electricity, making them perfect for hotels, restaurants, canteens and bars, attracting and retaining clients that are able to work and recharge their devices while sitting and enjoying their food or coffee, far away from any power source.

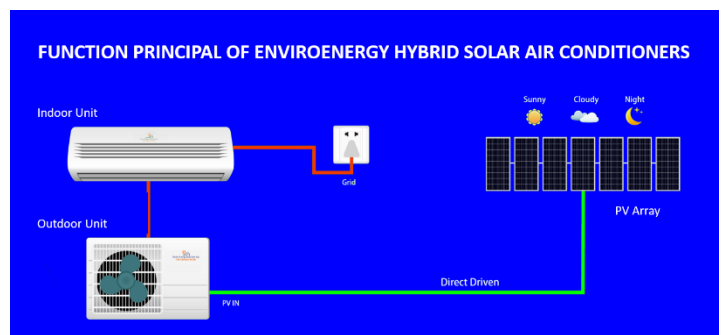
**ENVIROENERGY SOLUTIONS** solar tables perfect for:

- Gardens, porches, verandas, balconies and patios
- on the beach or around the pool
- camping, in the bush,
- On a side-walk or a square. etc...

**ENVIROENERGY SOLUTIONS** Solar DC Air-conditioning systems use DIRECT DC Technology. This means that compared to other Solar Air Conditioners they operate directly on DC power and therefore do not require an expensive inverter or batteries to transform to AC or stock the DC current produced before feeding the Air Conditioning unit.

**ENVIROENERGY SOLUTIONS** Solar DC Air-conditioners are HYBRID systems so they can also operate in combination with normal AC electricity current during the night providing up to 80% economy. If operated mostly during the day (offices and working spaces for example) they can provide up to 100% economy. Combined with Batteries our Solar DC Air Conditioners operate only on Solar Power and can be installed completely Off-Grid without the use of any other power source.

They are available in various sizes, from 12.000btu to 24.000btu and can be used either in combination with another power source.



## Seminars and Education



**Enviroenergy Solutions G.M. Mr. Yannis Vassalos - Seminar on Solar Energy Innovations – Dubai UAE 2016**

## Official Recognition



**Enviroenergy Solutions G.M. Mr. Yannis Vassalos at the Greece- Kenya Trade Mission – Nov 2013**



**Enviroenergy Solutions G.M. Mr. Yannis Vassalos with the Vice-Minister of Energy of Ethiopia – May 2017**



**Enviroenergy Solutions G.M. Mr. Yannis Vassalos as Counselor on Solar Energy with H.E. Karolos Papoulias President of the Hellenic Republic, 1<sup>st</sup> speaker at the World Future Energy Summit. – WFES 2011 Abu Dhabi - UAE**



**Enviroenergy Solutions G.M. Mr. Yannis Vassalos with the Governor of Bushehr – Feb. 2018**

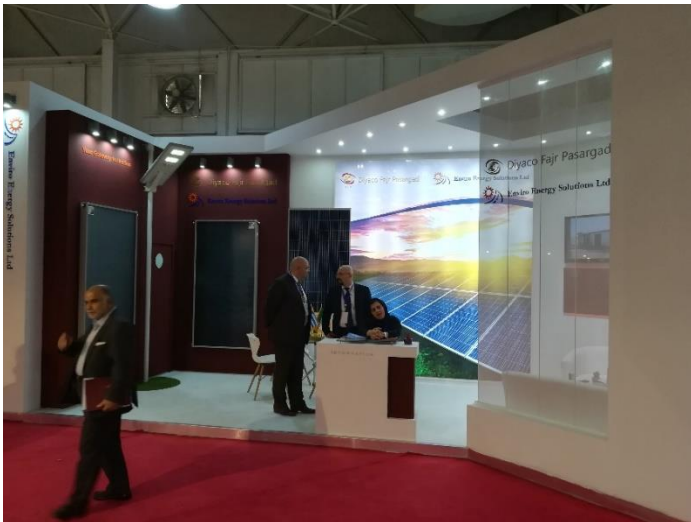




## Exhibitions:

- Solar Middle East (Dubai/UAE March 2017)
- Build Expo Kenya (Nairobi/Kenya April 2017)
- Build Expo Ethiopia (Addis Ababa/Ethiopia May 2017)
- Big 5 Dubai (Dubai/UAE November 2017)
- International Environment, Renewable Energy and Energy Saving Exhibition (Tehran/IRAN February 2018)
- Build Expo Kenya (Nairobi/Kenya April 2018)

## Exhibitions 2018



Tehran Solar Energy Exhibition 2018



Solar Middle East – Dubai 2018



Nairobi Solar Energy Exhibition 2018



Addis Ababa Solar Energy Exhibition 2018





# A SUNLIT FUTURE

## The Rise In Efficiency Of Renewable Power

Enviro Energy Solutions, based in Cyprus, is one of the few companies worldwide focusing on energy solutions through renewable solar power sources. Yannis V Vassalos, the founder and general manager of the company speaks to the editors of AIM global magazine about the history, products and growth plans of Enviro Energy Solutions.

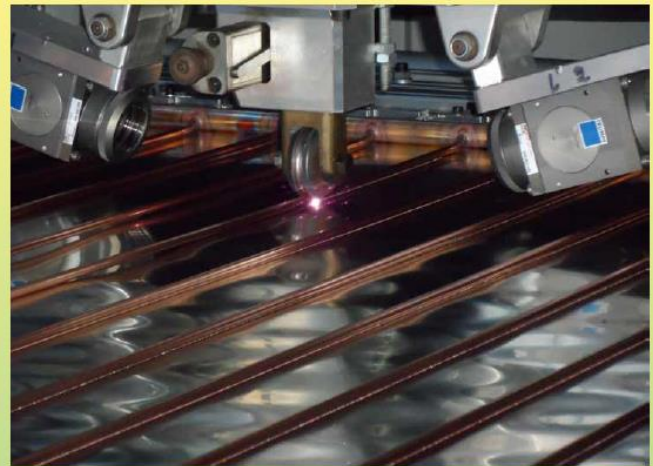


Yannis V Vassalos,  
Founder and General Manager

The company has been operating for nearly ten years since 2006. Today, though based in Cyprus, Enviro Energy Solutions manufactures in Greece, France, Germany and China, and has agencies in the USA and Italy, and branches in the Caribbean Islands and Kenya. The strengths of Enviro Energy Solutions, include its innovative products, OEM production for its high end clients and tailored solutions which help the company's clients reap many benefits.

Speaking of the history of Enviro Energy Solutions, Mr. Yannis V Vassalos says, "I used to work as the export director of some of the biggest and leading European Solar Energy manufacturers. Since the foundation EnviroEnergy Solutions has focused on creating a network of partners and distributors around the world and has helped develop Solar Energy, which was often unused, in more than 65 countries around the World. Today, the company works on 100% international sales. We particularly focus on countries in Europe, Middle East, Africa and the Caribbeans. Since harnessing solar energy is very beneficial to companies both in terms of cost and environmental impact, the market for it is growing.

When asked about the day to day operations of the company, Mr. Yannis explains, "On a day to day basis, the company focuses on developing innovative new products



that will pave a new direction for this evolving market, and also on manufacturing of existing products in the solar thermal and solar electric fields. Since international sales make up virtually all of our orders, we also have to liaise regularly with customers about their solar needs, and come up with tailored solutions for them. We have a global network of distributors that we leverage to help our clients no matter where we are. Finally, we also work as a large OEM manufacturer, and manufacture our products which are finally used under several different brand names."

Expounding a little more on the company's vision, Mr. Yannis explains, "We are a company that conceives, manufactures and distributes complete solutions or just components of solar energy systems. Our vision is to help make Solar Energy simple, affordable and popular around the world. One of our strengths is that we offer complete plug and play ready-made solutions that do not require specialized installation- meaning that deployment can be fast and functional for the clients. In addition, through our team of dedicated international partners composed of engineers and installers working closely together, Enviro Energy Solutions also offers tailor-made services and complete Turn-Key solutions for both private and commercial use."

### Renewable energy

"We have not inherited the earth from our ancestors. We have borrowed it from our children. This is the motto with which the company has been started. There is no more denying that the impact of human actions has caused massive changes to our planet." Mr. Yannis says, "We believe that with the rise in efficiency of renewable power sources, non renewable power sources such as fossil fuels can and will be overthrown. In

many countries there is no shortage of solar energy- and it could save these countries a lot of cost if they could only harness the natural power of the sun."

According to the IMF, today, globally, there are almost 100 billion dollars worth of subsidies given to users of solar energy. In developing countries such as Kenya or Algeria, the abundance of natural solar energy has encouraged government and citizens alike to invest in energy sources that will reduce their dependence on fossil fuels, and make their energy portfolios more diversified. Additionally, in rural areas where electric grid extensions are often uneconomical, renewable technologies allow a sustainable and cost effective method to service their energy needs.

Speaking of the importance of Solar Energy in these spaces, Mr. Yannis says, "To give just one example, many rural areas in developing countries still lack the most basic form of hygiene- hot water. In clinics in the bush or remote areas many babies don't survive childbirth and 4 out of 10 women still lose their lives while giving birth. Other lives are lost due to infections and complications that could have been avoided simply if they had hot water. Hot water is not a luxury but a vital necessity. Solar Water Heaters are the simplest, the most efficient and the most cost effective way to heat water anywhere, without any electricity, and Africa, the Middle East or the Caribbean's are blessed with a huge amount of sunlight. Our Solar Water Heater systems have been installed and used for many years and have now become known for their durability and high quality. With sizes ranging from 80 L to 15000 Litres, we provide Solar systems such as the Forced Circulation Systems, Solar Tanks and Boilers, Solar Collectors and Solar Thermosiphon Water Heaters."

Moving on to their solar electric products, Mr. Yannis explains

their importance. "Lack of access to electricity is one of the biggest issues that people living in rural or remote areas have to face. Today, still over 1.6 billion are left in the dark in remote locations where difficult geography and scarce government investment keep the national electric grid from extending to their villages because it is prohibitively expensive (typically over 16,000 USD for 100m). This is especially true when a village is far away from a large city or in the mountains, or if it is an island. Long-term, solar energy is the most practical and economical way of bringing power to poor and remote communities. Small-scale, solar home systems provide an effective and affordable way to bring light and power to people without electricity. A solar home system can be installed and function anywhere there is sunlight and most countries in the Tropical and Sub-Tropical zones, that have the biggest needs in electrification, also have a huge amount of solar radiation, so the potential is there. But the most important thing is that our products do not require a great amount of direct sunlight and function simple with daylight (UV rays), and this is where the biggest benefits for our clients around the world come from. A basic system consists of solar panels, an inverter, a charge controller, cabling, safety accessories and eventually a solar battery pack to store the electricity to be used for hours into the night. We offer our clients complete solar electrification solutions for every need: from simple to ready to use portable lighting systems of 1 to 4 lights with USB chargers to street lighting, and from pre-mounted plug and play home electrification systems to tailor made rural electrification solutions for electrification

of a simple house to a complete village and city, or just components and accessories for PV installations."

### Technology and Manufacturing

Discussing the manufacturing capability and technologies used by the company, Mr. Yannis says, "As a prominent Solar company, we are at the forefront of solar technology and with our partners have invested in the right equipment to manufacture our products. As recently as 2011 a Plasma machine worth 180,000 Euros was procured for cutting various parts and the fully automated laser welding machine has cost half a million Euros." He adds, "We are also constantly working on expanding our manufacturing facilities, with new ones planned for the future. As a boost to our efficiency and capability, we have engaged in many partnerships for distribution and production with companies around the world. Notable companies include CosmoSolar and Papaemmanouel in Greece, Gala Win and Solar in China, Autonomy Energy in France, 523 in Germany etc. As for quality, all manufacturing plants are ISO 9001 and ISO 14001 certified, and additionally all our products are certified with the necessary local certifications (where such exist) in the country where we sell them- which is more than 65 countries. Our products are certified as high quality in countries like Germany, France, Spain, Cyprus, Greece, Italy, Morocco, Tunisia, the GCC region (U.A.E., K.S.A.), Sub-Saharan Africa, etc. Our products are also certified with an IEC in Solar Electricity and Solar Keymark and SRCC (amongst other) in Solar Thermal."

We are also constantly working on expanding our manufacturing facilities, with new ones planned for the future. As a boost to our efficiency and capability, we have engaged in many partnerships for distribution and production with companies around the world.



### Major Projects

With an impressive track record, and a market that is primed to grow, Mr. Yannis feels the future is bright. "Despite the crisis in Europe, our company's strong product and loyal clients have helped us grow in leaps and bounds. We have almost doubled our turnover in each year for 2013-14 and 2014-15. With the new production capabilities we have planned to open in 2016/2017, and the innovative products we plan to present, we are sure that we have a brilliant future ahead of us. The best thing though, is that as we grow, we are helping bring about a better quality of life to many people, a change in how humans consume energy- and promoting the growth of clean solar energy."

Another innovation that EnviroEnergy Solutions has recently launched and showcased in the Big 5 show last November is the ingenious Solar Table, that will also be presented on stand and during seminar at Solar Middle East Show from March 1st to March 3rd 2016 in Dubai. "We are proud to be one of a hand full of companies in the world producing solar tables but just one or two using this most performing technology" Mr. Yannis says. "These are original and innovative products that recharge the batteries of all mobile electronic devices and can also power electric and electronic devices including lighting. Thanks to the latest amorphous and thin film technologies used, our Solar Tables can perform both outdoors and indoors, working with indirect UV lighting. The quality of the solar panel used is such that it's light sensitivity is better than the one used on solar calculators, that work under practically all circumstances. Made in Europe from high grade aluminum (or custom and handmade high quality Italian leather for indoor use), our solar tables are completely independent and produce their own electricity, making them perfect for hotels, restaurants, canteens and bars, attracting and retaining clients that are able to work and recharge their devices while sitting and enjoying their food or coffee. They are also ideal when far away from any power source like on safari in the desert or in the bush (pliable easy to transport model), on the beach or simply around the pool or in the garden. "We've had a lot of interest on this product around the world, and are preparing new models and versions, so we are planning a new plant (either in Kenya or Europe) for the next year to handle the manufacturing and assembly of the products". "Our business is global and we have to think in a global way, manufacturing and distributing in different parts of the world depending on various parameters like costs, availability of raw materials, eventual trade agreements and proximity with the primarily targeted markets, expectations, etc.. We need to combine knowledge with our local partners, to adapt to various different needs and cultures and deal with a variety of challenges ranging from local climate and landscape conditions, to local norms, rules and cultural habits. The key is to have and to serve a strong international network of skilled and devoted partners, both upstream and downstream, that trust you, that share the same vision with you and that are willing to follow and risk with you, striving constantly to upgrade and innovate products and services".

Speaking of some of the major projects that Enviro Energy Solutions has completed, Mr. Yannis says, "One project we have recently started off on is a resort in Kenya named Mt. Kenya Holiday Homes. This development will host quality interiors from world class suppliers, bringing comfort to the rustic county of Nyeri. We will provide solar water heating and solar streetlights to the entire facility. Other examples of solutions we have provided our clients are, amongst many others, an installed collective solar water heater and solar air conditioning in Italy, collective solar water heating installations in Martinique, Guadeloupe and in other Caribbean islands, solar house heating in Greece, solar water heating and electrification in St. Barthelemy FWI, solar water heating installations for villas, private and public buildings in the UAE, solar street lighting in Cameroon, solar water pumping in Mauretania, village rural electrification in Burkina Faso etc." Speaking of projects in the Middle East, Mr. Yannis says, "Apart from Africa and the Caribbean's, we currently have many ongoing projects with our local partners and distributors Mincom Trading LLC in the U.A.E. and J&P in Saudi Arabia for schools, hotels, villas and commercial buildings. In Riyadh for example, we have over 850 systems working delivering 260,000 Liters of hot water a day for the prestigious Al Bustan Village scheme which is a luxury community that has over 600 executive villas, luxury hotels like the Ritz Carlton, and shopping complexes."







## Project References

Proud to present some **ENVIROENERGY SOLUTIONS** product installations from our partners and distributors around the world.



**Solar House Heating -  
Greece**



**Solar Water Heating and Electrification -  
St. Barthelemy F.W.I**



**Solar Street Lighting –  
Cameroon**



**Collective Solar Water Heating and Air Conditioning  
- Italy**



**Collective Solar Water Heating Installation -  
Martinique**



**Solar Water Pumping -  
Mauretania**



**Solar Hot Water Collective Installation of over 950  
individual systems, Central system for the Hotel  
and Swimming pool, Solar street lighting  
Al Bustan Village – Riyadh - KSA**



**Solar Hot Water and Solar Street Lighting -  
Mt. Kenya Holiday Homes- Kenya**



## Project References



**1.7 Mwp PV park in Domokos - Greece**



**6.4 Mwp PV park in Lakonia - Greece**



**9 Mwp PV park in Lakonia - Greece**



**Collective Solar Hot Water Installation in Abu Dhabi – UAE**



**Village Rural Electrification – Burkina Faso  
(Off-grid installation)**



**5 Kwp Roof-top installation – Martinique FWI**

## Some On-going Projects

- Solar Hot Water for 5000 social houses in Guadeloupe FWI
- Solar Street and square lighting for city of Torino/ Italy
- Solar Hot Water and swimming pool heating for Luxury hotel in Sardegna / Italy
- Municipality of Bushehr/I.R. Iran Solar Street Lighting
- And many more...-



## References



مقاولات وهندسة مدنية  
Civil Engineering Contractors

# J&P

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المركز الرئيسي : الرياض

رأس المال : ١٠,٠٠٠,٠٠٠ ريال

سجل تجاري : ١٠١٠٠٣٩٣٨٦

الغرفة التجارية : ١٨٧٩٥

Date : 02 December 2014

### To whom It may Concern

We hereby certify that we have installed Enviroenergy Solutions solar water heating systems on the Al Bustan Village complex in Riyadh since 2011, for a total installation of approximately 142.000 liters.

We are very satisfied with the high quality and performance of the products, but also the partnership because of the professionalism, reaction and availability of this company personnel and assistance for on-site training and installation whenever required.

For JOANNOU & PARASKEVAIDES (SA) LTD.

ANDREAS KATSIAMIS  
PROJECT MANAGER





# Enviro Energy Solutions Ltd

## Your Gateway to the Sun

**We do not inherit the earth  
from our fathers,  
We borrow it  
from our children..."**



**...BECAUSE WITH ENVIROENERGY SOLUTIONS THE SUN SHINES FOR EVERYONE...**



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