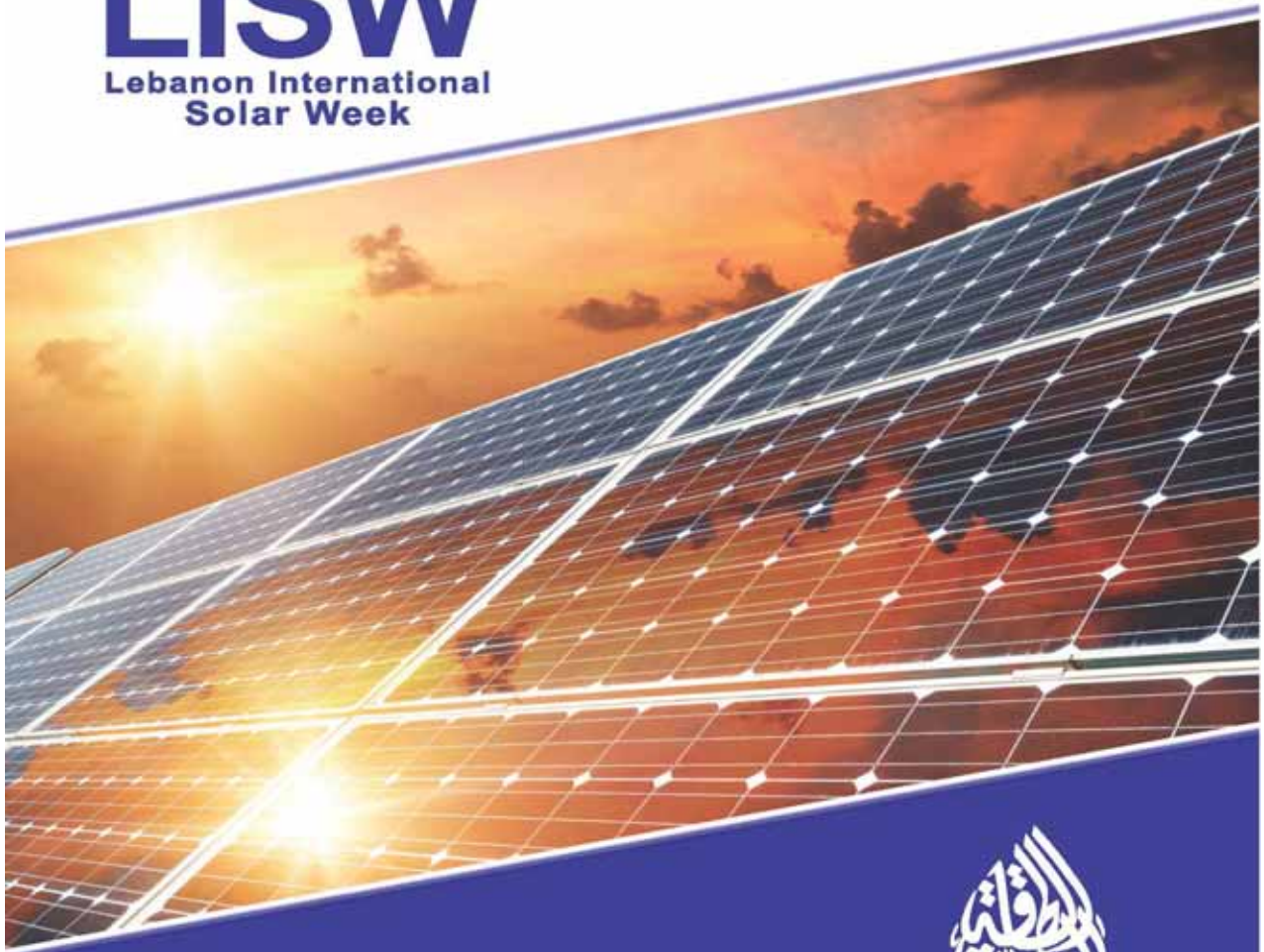
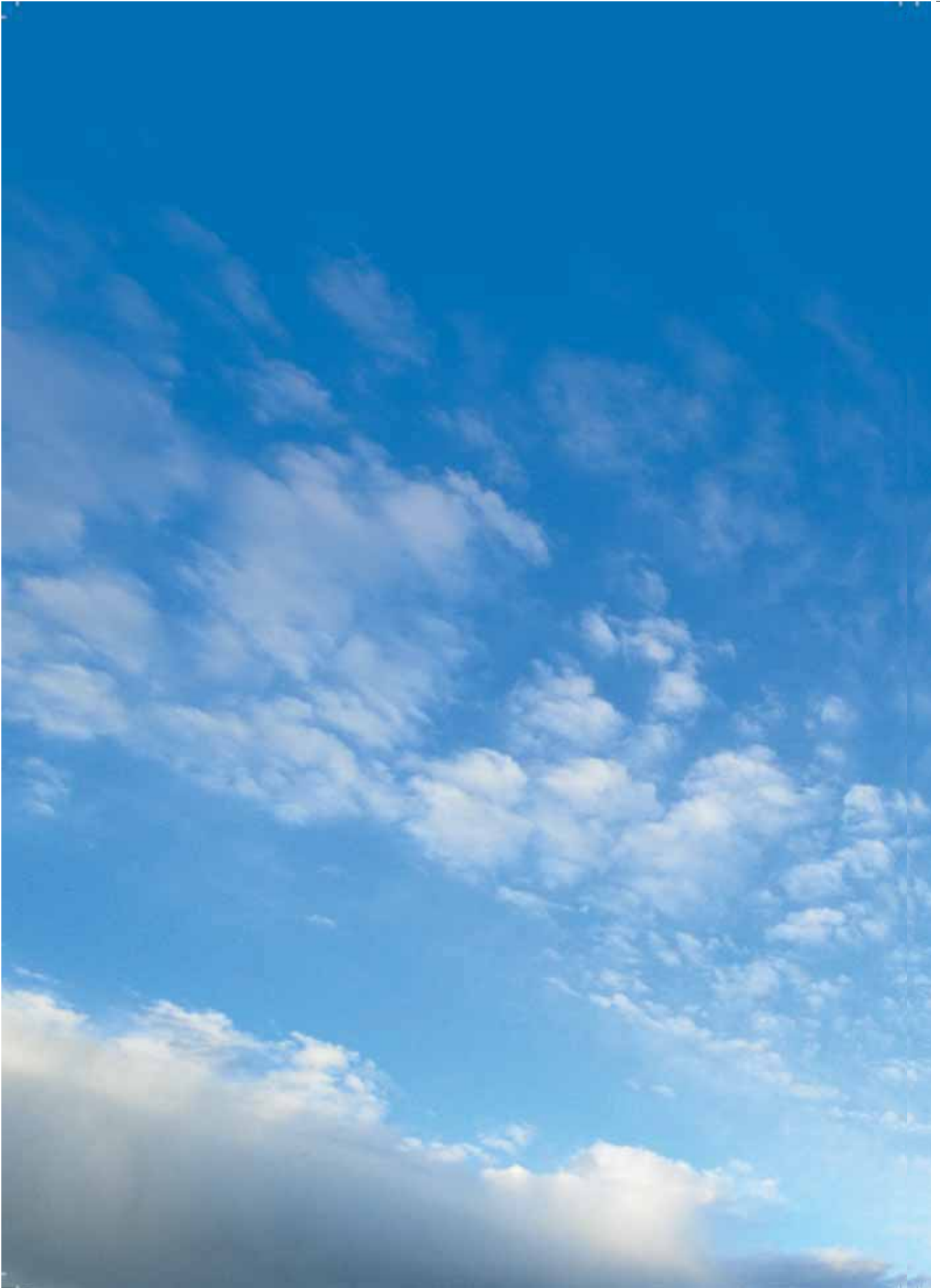
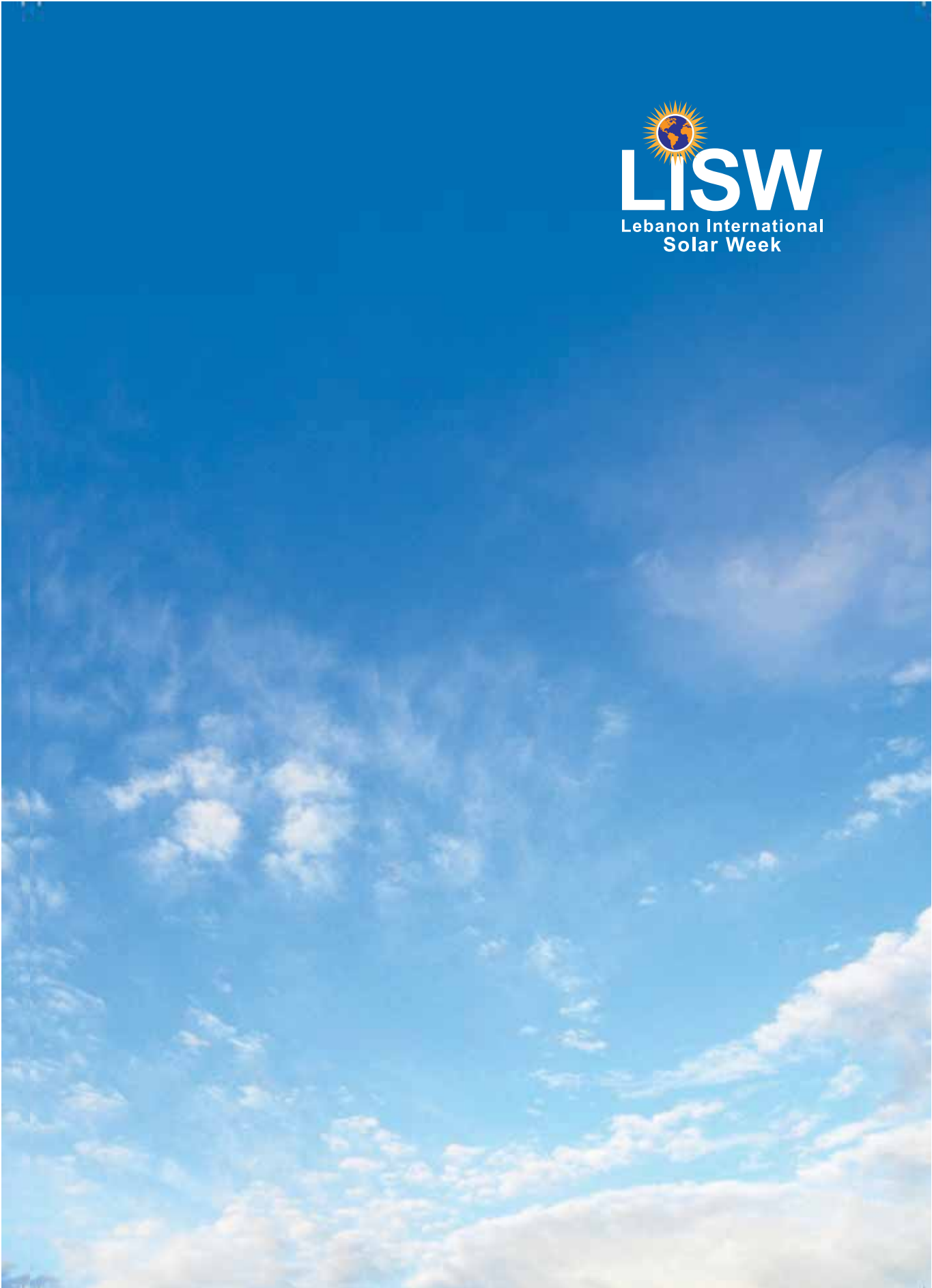




LISW
Lebanon International
Solar Week









Lebanon International
Solar Week

معرض لبنان الدولي للطاقة الشمسية

Under the Patronage
of the President of the Council of Ministers

His Excellency Mr. Najib Mikati

1, 2, 3 JUNE 2023
Hilton Beirut Habtoor
Grand Hotel & Convention Centre

Organized by





Elias El Khoury

CEO

Promoteam Organizer of
Specialty Exhibitions

Expanding Investment Horizons and Advancing Technological Innovations A word from the CEO

It is with great pleasure and immense gratitude that I welcome you all to our Seventh "Rendez-Vous" conference. This remarkable event has been made possible through your unwavering support and presence. Together, we are fostering priceless connections and facilitating the exchange of expertise, investment opportunities, and knowledge between major international players and the Lebanese community and investors. Our conference serves as an ideal platform to explore residency and citizenship programs, specifically through financial and real estate investments available in Lebanon and the Middle East. This gathering provides a unique opportunity to network with industry professionals and influential individuals in this field. In the previous 2019 edition, we achieved a record attendance of 2634 visitors. This year's event promises to showcase investment prospects in more than 25 countries across Europe, America, and Caribbean islands, encompassing Golden Visa programs, real estate ventures, and financial investments.

Parallel to the conference, we are thrilled to host the Global Citizenship by Investment panel discussions and workshops. It reflects our commitment to engaging with advanced and innovative topics in response to the growing demand for such projects within our local and regional community. Within the vibrant space of the solar exhibition, attendees will have the opportunity to explore cutting-edge technologies and solutions that harness the power of the sun. From innovative solar panels and energy-efficient systems to breakthroughs in battery storage and smart grid management, this exhibition is a testament to human ingenuity and our collective commitment to combatting climate change.

I extend my heartfelt gratitude to our strategic sponsors and partners for their continuous support. Their unwavering commitment has been instrumental in the success of this event. I would also like to acknowledge the incredible team at Promoteam for their exceptional efforts in organizing and executing this conference. Furthermore, a special thanks goes to our esteemed host, the Hilton Beirut Habtoor, for providing us with a remarkable venue.

As we embark on this exciting journey, I wish all our exhibitors and visitors a prosperous and fruitful expo and conference.

Warm regards,
Elias Khoury CEO, PromoTeam

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معرض لبناء الدروي للطاقة

LISW 23 Panel Discussions Moderators and Speakers



1,2,3 JUNE 2023
Hilton Beirut Habtoor
LISW conference Room

Lebanon International Solar Week



Joseph El Assad



Georges Abboud



Naji Sultanem



Roger Achkar



Karim Hamade



Sinu Ponnacham



Joumana Hosri



Alkiviadis Metzalis



Hicham Majdalany



www.promoteam.me

LISW 23 Panel Discussions Moderators and Speakers

Day 1 - JUNE 1

Session 1

7:00 till 8:00 PM

PANEL DISCUSSION ON:
• MAIA-TAQA Project
Company: ELCIM

Dr. Talal Salem

Associate Professor and chairperson of the Civil and Environmental Engineering Department at (NDU), Lebanon

Rayan Bachik

Founder of SolarRay

Tasos Iperiotis

LATO sa

Alkiviadis Metzalis

Thermic Sol
Solar Thermal System

Sabine Mrad

GCE

Vagelis Lamaris

Solar Thermal System

Apostolides Christos

Owner of Sonne Aktion Ltd

Gerard Daher

MRUNA

Rita Jahjah

CubeX SAL

Dalia Falah

Product Coordinator at
Innergy Solutions

Day 2 - JUNE 2

Session 1

6:00 till 7:00 PM

PANEL DISCUSSION ON:
• On-Grid and Hybrid Solutions in C&I Application,
Economic Feasibility of solar power

Prof. Joseph El Assad

Vice Chairman of the World Energy Council, Lebanon Committee

Karim Hamade

General Manager of H2air LB

Session 2

7:00 till 8:00 PM

Company: LCEC

Mr. Pierre Khoury

President of the board for LCEC

Mr. Georges Abboud

Co-founder of Earth Technology

Day 3 - JUNE 3

Session 1

5:00 till 6:00 PM

PANEL DISCUSSION ON:
• The Solar Power Energy Public Private Partnership "PPP"

Session 2

6:00 till 7:00 PM

PANEL DISCUSSION ON:
• The Importance of Solar PV Safety

Dr. Roger Achkar

Director General of GWCN
Engineer and Social Scientist

Mr. Naji Sultanem

CEO .Victoire

Mr. Eddie Eid

Energy Cleaner

Mr. Hisham Majdalany

CEO of SSS Elevators
Security Energy



PHONE
+961 1 423286/+961 1 423287

MAIL
asaco@asacogtc.com

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www.asacogtc.com

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Pearl Bldg. -8th Floor.
Adlieh near TVA, Beirut

PO BOX
14-6533 Beirut-Lebanon

S 18



ASACO General Trade & Contracting is established in 1998, with a portfolio exceeding 25 MWp, has become the pioneer in the field of renewable energy. ASACO operates globally and locally in various sectors, including EPC, Trading, Manufacturing, Consultancy Design, Supply & Installation. The company has built a strong reputation over the years, being a partner with numerous international tier-1 & high-end manufacturers in the renewable energy sector. ASACO General Trade & Contracting offers reliable solutions, products and services to its clients, meeting their diverse energy needs effectively. Moreover, ASACO General Trade & Contracting is an active member of the Lebanese Solar Energy Society (LSES), the local chapter of ISES International Solar Energy Society. Through this affiliation, ASACO General Trade & Contracting is always up-to-date with the latest innovations within the industry. With its extensive experience, ISO certification, and affiliations with reputable organizations, ASACO General Trade & Contracting remains to be the most reliable and leading player in the renewable energy sector with profound commitment to sustainability, environmental conservation & Energy Efficiency.



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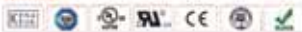


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S 31



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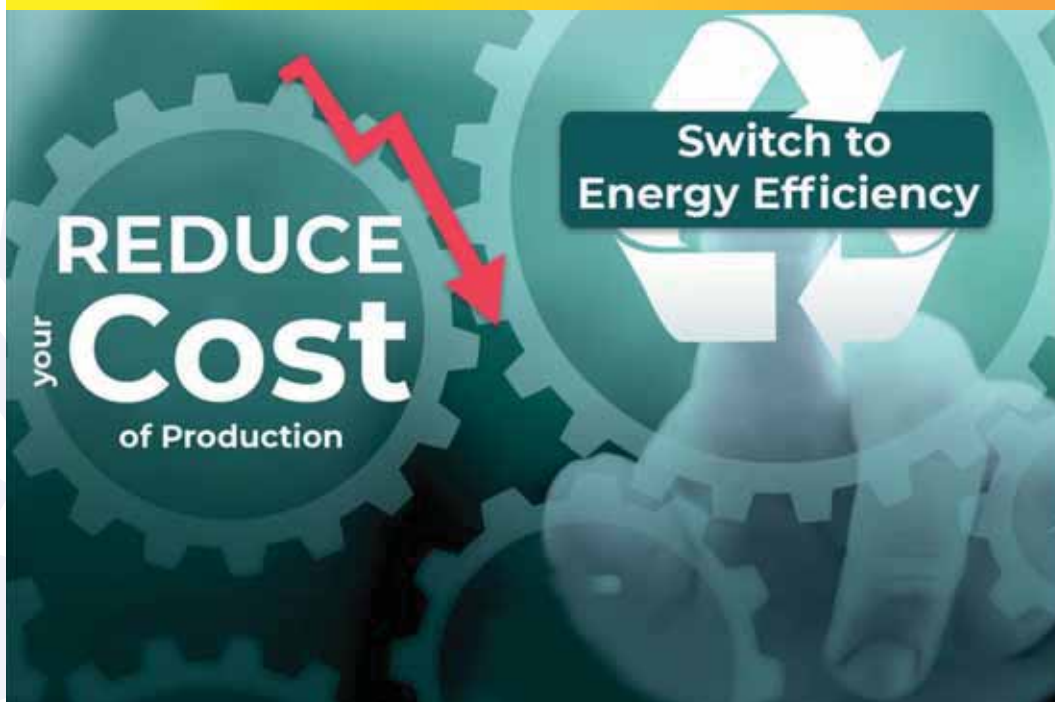


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Block B, 3rd Floor
Bashoura District,
Beirut-Lebanon
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S 28



Cedar Oxygen Economic Recovery Program

Cedar Oxygen (Cedar O2) is an independent economic recovery program set up under Luxembourg jurisdiction with offices in Paris and Beirut. Its sole purpose is to develop Lending solutions for Lebanese industrialists, both importers & exporters, by providing trade, capex and renewable energy financing.

Products Offering



Renewable Energy Financing

Local Sales/Exporters

Cash Contribution

Minimum 25%
as auto-financing

Loan Amount

Financing 75%
Payments to be made
directly to suppliers
supported by invoices

Repayment

Based on the projects'
repayment period

Tenor

Max 24 months
inclusive of a grace
period if need be



CAPEX Financing

Local Sales/Exporters

Cash Contribution

Minimum 25%
on a case by case basis

Loan Amount

Financing up to 75%
Payments to be made
directly to suppliers
supported by invoices

Repayment

Based on
repayment capacity

Tenor

Max 24 months
inclusive of a grace
period if need be



Purchase of Receivables Financing

Local Sales/Exporters

Cash Margin

Minimum 15% for local
sales and 10% for exports
as Cash Collateral

Loan Amount

Financing 100%
Payments to be made
directly to suppliers
supported by invoices

Tenor

Based on the receivables
tenor



Raw Material Financing

Local Sales/Exporters

Cash Margin

Minimum 15% for local
sales and 10% for exports
as cash collateral

Loan Amount

Financing 100%
Payments to be made
directly to suppliers
supported by invoices

Tenor

Based on the cash
conversion cycle



Cedar Oxygen is a member of the Global Impact Investing Network (GIIN). Our membership signifies a commitment to deepening our engagement in the impact investing for Lebanon to cause a net effect in governance, improve the well being of society and also to promote beneficial changes to the environment



Antelias, Sawma Jaber Street,
CCI Bldg., 4th Floor, El Metn, Lebanon

Email: info@earthtechnologies.com

Website: www.earthtechnologies.com

Phone: 04 444961/3

S 14 - S 16



About us

Established in 2010, Earth Technologies is a leading renewable energy company with a proven track record of completing a variety of projects across the Middle East and Africa. Our primary focus is on providing comprehensive EPC solutions for solar power plants, power plant project development, consultancy, energy efficiency, and energy transition.

Our Experience

ET has emerged as an industry leader because of our commitment to innovation, superior engineering, and technical expertise in the renewable energy sector. We have extensive experience working across a diverse range of sectors, including commercial, industrial, ICT, military, and governmental projects. Our services encompass a range of industries, including hospitals, schools, universities, farms, food processing facilities, telecom towers, factories, street lighting, and electric vehicle chargers.



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S 38



EKT Katrangi is a leading retailer and wholesaler of specialized and everyday electronics. With more than **40 years of experience** in the market, delivering a variety of technological and technical gadgets, we are committed to creating an advanced society by helping people stay up-to-date with the latest innovative products as well as **our services and solutions**. We are currently only open in Jnah, Beirut.

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S 30



Elements Sun and Wind is a leading Renewable Energy Engineering Company specialized in Photovoltaic Power Generation with 12 years of experience in the market.

We offer a range of products and services that help consumers save on energy costs while effectively meet their energy needs in an eco-friendly and sustainable manner.

The company was founded in Lebanon in 2011 and expanded through the Kingdom of Saudi Arabia and West Africa markets (Mali, Burkina Faso, Senegal, Ivory Coast...).

Our Team has built through the years a solid knowledge base to design and optimize customized Renewable Energy solutions for diverse applications.



Any-Grid Inverter Series:

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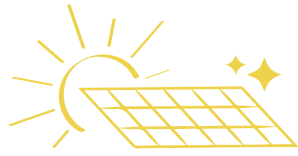
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- 5.12kWh capacity
- Can be Wall or Rack mounted
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- 6,000 cycles at 90% DOD
- International certificates for safe application (UL,IEC..)

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<https://www.energy-cleaners.com>
Email: info@energy-cleaners.com

S 29



Energy Cleaners is a solar panel cleaning company based in Lebanon that is committed to delivering top-notch cleaning services to customers. With a team of highly experienced professionals and an innovative approach to the industry, Energy Cleaners ensures efficient and cost-effective cleaning solutions for solar panels of any size. The company's state-of-the-art cleaning system enables it to clean solar panels faster and more efficiently than ever before, making it the first solar panel cleaning company in Lebanon. Energy Cleaners' ultimate goal is to help customers maximize the benefits of their solar energy investments by maintaining the efficiency and performance of their solar panels, leading to enhanced energy production. The company's dedication to quality and customer satisfaction has earned it a reputation as a trusted and reliable partner in the field of solar energy. With Energy Cleaners, customers can trust that their solar panels are in the hands of experts who will keep them clean, efficient, and capable of providing the sustainable energy they deserve.



S 33



بناء الثقة بامتياز !! شريكك القديم في توفير الطاقة

Under our new warranty program, we are extending the coverage period for our products, ensuring that you have even more time to enjoy their benefits without any concerns. Additionally, we have expanded the scope of coverage to include not only manufacturing defects but also accidental damage, offering you a truly comprehensive safeguard for your investment



ISO 9001: 2015 CERTIFIED COMPANY

EURONET is a long-term investment energy savings and a clean energy future. And there's nothing to protect that investment like a long and robust warranty. EURONET welcome you to be part of our family from around the world as we believe in offering the best featured innovative product available on market.

We deal with products such as Solar Panels, Batteries, Inverter, Controller, Home appliance, Smart TV, Street & Flood Light, Security Camera, Water Pumps, Cables etc. You would also be proud to know that a Euronet appliance find a new home and position in many parts of the world.

If you have any further queries or suggestions, simply contact us. We will be happy to give you all the assistance you require.



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www.euronetdxb.com | euronetdxb@gmail.com | (@smarteuronet)



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Ghazieh, Lebanon
P.O. Box: 110, Tel: +9617220000
Fax: +9617221754, Mobile: +9613627704
Email: gae@ghaddar.com, Website: <https://www.ghaddar.com/alternative-energy/>

S 04



Ghaddar Alternative Energy, was established in 2016 as the solar power division of Ghaddar Machinery Co. who has more than 40 years of experience in the energy sector. Ghaddar Alternative Energy provides complete hybrid and solar power products for different applications. Ghaddar Alternative Energy's mission is to help reduce energy costs, improve power reliability and lower carbon emissions. Ghaddar Alternative Energy holds distributorship agreements with world leaders in the design and manufacture of batteries, inverters and solar panels namely SUNGROW and SUNPAC.

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GHADDAR ALTERNATIVE ENERGY The alternative energy business unit at Ghaddar Machinery Co.



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Email: Info@goldnsun.com
www.goldnsun.com

S 10



Gold In Sun Solar Solutions is a leading company in the solar energy industry, offering innovative and efficient solar power solutions for residential, commercial, and industrial sectors. We prioritize sustainability and customer satisfaction, sourcing high-quality components and designing tailored systems that align with clients' goals and budget. Our comprehensive services include site assessment, system design, equipment procurement, installation, and maintenance for projects of any scale. With a global reach.

we serve clients across the Middle East, Africa, and beyond, contributing to renewable energy adoption worldwide. Join us to harness the power of the sun for a cleaner future. Contact us to explore our services and start your solar energy journey





Location
Harb Building facing
Golf Club of Lebanon
Beirut – Lebanon

Phone Number
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P.O.Box 15-101

S 22



Established in 1970, Harb Electric has always prioritized providing top-tier international electrical brands and contributing to the development of Beirut, our capital city. Our company takes full responsibility for our acquired products and brands, ensuring the strictest safety measures are implemented, including mechanical brands. PAC, as a dedicated entity, is committed to supplying power solutions to the commercial, industrial, and domestic sectors. With a presence in the African market since 1997, we have become a trusted one-stop solution provider, catering to electrical needs of any caliber across various fields.

Our comprehensive Electrical Services and Systems Turnkey Solutions at PAC enable us to manage construction projects from initiation to completion. We offer services such as equipment reconditioning, upgrades, and power system modernization. Additionally, our expertise encompasses design, supply, and installation services for the following systems: Low Voltage Switchgear, Home Automation & Industrial Automation, Uninterruptible Power Supply (UPS), Solar Systems, Medium Voltage.

By choosing PAC as your partner, you gain access to a wide range of services and systems that address your electrical requirements. We strive for excellence, leveraging our technical proficiency to ensure customer satisfaction.



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Baalbaki Building, 4th Floor
Hamra
Beirut, Lebanon

S 34

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Lithium Batteries

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SOLAR SYSTEM EQUIPMENTS



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Mobile: 00961-3-888588
Email: info@kyrossolar.com
Website: www.kyrossolar.com

S 07



KYPROS was the first to offer solar solutions to its customers in 1994, & today it is currently viewed as one of the top renewable energy players in the Lebanese market.

Clubbed with almost 30 years of experience, KYPROS provides solar solutions while partnering with leading German Brands & a state of the art production facility in Lebanon. Being the only ISO-certified solar energy company in Lebanon, KYPROS's management holds the ISO 9001:2015 & their solar collectors hold the ISO 9806-1 & 9806-2.

It provides Solar Solutions to every need being personal, commercial or industrial. The company offers diversified solutions servicing Residential Buildings, Industrial Facilities, Hospitals, Schools Hotels, Restaurants, & Governmental Institutions.

Today KYPROS has more than 50,000 satisfied customers because of their solutions, expertise & after sales services across all the Lebanese regions.





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S 25



LITIO ESS is a leading provider of high-quality lithium batteries and energy storage solutions. We specialize in importing the highest-grade Lithium LiFePO4 cells to manufacture a wide range of batteries in various sizes and configurations. Our state-of-the-art facility in Lebanon allows us to produce top-performing, high-voltage energy storage solutions that are reliable and long-lasting. We are dedicated to providing our customers with exceptional products and unparalleled service, including long-term and reliable warranties. Trust Lito for all your energy storage needs.



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energy unlimited

Livguard Energy Battery Pvt. Ltd.
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Email: Info@gescolb.com

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ELECTRONIC POWER BACK-UP SOLUTION
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Email: said@sabmatic.co

S 05



Livguard Batteries Pvt. Ltd. (LBPL) one of India's leading providers for power energy solutions is poised to transform the world with its cutting edge technology, in solar solutions, power back-up, automotive solutions, & e-rickshaw batteries. Livguard was founded in the year 2014 and is a part of the SAR Group which has been serving the nation for the past three decades and supplying power back up- solar systems to more than 35+ countries With our technologically advanced toolkit and trained technicians we have achieved the customer's trust and faith in our products and services. This has helped us reach the 500 million USD company milestone in a short period of time. **GESCO** (general trade) and **Sabmatic** (system integrators & projects) are distributors of **LIVGUARD** brand in Lebanon



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S 35 - S 36



Our Company

Livoltek is one of the leading solar product manufacturers and service providers worldwide. As a member company of Hexing Group, which is established in 1992 and listed on the Shanghai Stock Exchange (603556) in 2016, we have a natural advantage in the smart grid and new energy industry of more than 90 countries, with global supply chain cutting edge technology and service network.

LIVOLTEK power is committed to providing high-quality solar power for global customers covering residential, industrial & commercial, agricultural, and utilities. Our comprehensive portfolio includes PV inverters, hybrid inverters, battery inverters, storage batteries, EV chargers, and a monitoring system (Web and APP) for remote management and expertise diagnosis.

LIVOLTEK focuses on green energy innovation and is dedicated to providing people with better quality, more efficient, and more economical energy use experience.





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 @MaiaTaqa
elcim@elcim-lb.org
www.enicbcmmed.eu/projects/maia-taqa

S 09

Mobilizing new Areas of Investments And
 Together Aiming to increase Quality of life for All.



ELCIM at the Industrial Research Institute (IRI) is renowned for providing exceptional support and resources to entrepreneurs and businesses in Lebanon, enabling them to flourish in their respective industries. As Lebanese partner of the **MAIA-TAQA ENI CBC Med project**, ELCIM plays a vital role in promoting Renewable Energy services (RE) and fostering innovation in the Mediterranean (MED) countries.

The MAIA-TAQA project serves as a noteworthy benchmark for best practices in dealing with RE services within the MED countries. It aims to stimulate innovative processes, identify existing barriers, and promote the adoption of innovative renewable energy services.

MAIA-TAQA:

Deals with RE services issues by setting up demonstrators in 3 Mediterranean pilot countries, Egypt, Jordan and Lebanon, offering innovative services in:





Unlocking the Power of Resource Efficiency!

MAIA-TAQA is actively raising awareness among both SMEs and policy makers about the importance of innovation practices and policy instruments in the realm of resource efficiency (RE) services. This is achieved:

- ✓ By creating tangible demonstration cases in collaboration with local companies, showcasing the benefits and potential of adopting resource-efficient solutions;
- ✓ By establishing One Stop-Shops that provide comprehensive innovation support services
- ✓ By organizing B2B events to aid in the expansion and development of SMEs and decision-makers working in the South MED countries' Renewable Energy industry.

STUDY AREAS

MAIA-TAQA methodology is applied in 3 Mediterranean pilot areas.



DISCLAIMER

This publication has been produced with the financial assistance of the European Union under the **ENI CBC Mediterranean Sea Basin Programme**. The contents of this document are the sole responsibility of **MAIA-TAQA project** and can under no circumstances be regarded as reflecting the position of the European Union or the Programme management structures.

MAIA-TAQA project is funded under the ENI CBC Mediterranean Sea Basin Programme, the total budget of the project is 3.1 million Euro and it is financed for an amount of 2.8 million Euro (90%) by the European Union.



**Chevrolet,
Gharios Bldg,
Behind City Center
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 [mastergroup.intl](https://www.instagram.com/mastergroup.intl)

S 12



**Power Solutions - Metal & Wood Works
Signage - ACP Cladding - Events - Exhibitions
Digital Printing - Shop Fitting - Conferences
LED Screens**



Preventive Maintenance

- * Dirty solar panels can reduce your energy performance by 20-30%.
- * Cleaning would increase the panel's efficiency
- * Increase the lifetime of the panels.
- * More generated power.
- * Rain does not clean your panels.



What is MESIA?

The Middle East Solar Industry Association is the only non for profit, solar association covering and bringing together the whole of the solar sector across the entire Middle East and North Africa (MENA) region. Our aim is to:

1. Create business opportunities for our members.
2. Organize educational webinars, events, and networking opportunities for solar professionals.
3. Produce reports on market trends, latest technologies, standards, and best practices Assist in the development of policies intended to strengthen the local solar industry.
4. Support our members and partners through various physical and digital activities.



Founders & Partners



Join Us Today:

Hinde Liepmannsohn E: info@mesia.com

GET INVOLVED NOW

KSA TRADE MISSION Third Edition

Hyatt Regency Riyadh Olaya June 7-8, Riyadh, KSA

Keynote Speakers



Yasir Mahmoud
Executive Vice President
Acwa Power



Joseph Yao
President of ME&CA region
Huawei digital power



Zoe Hu
CEO
Sunpure Technology



Dr. Alex Hernandez
Director
Public Investment Fund

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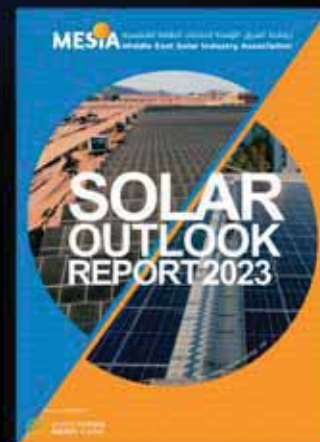


Download Our Latest Report for FREE

Get Insights On 15 Countries
Across The Middle East



SCAN TO DOWNLOAD



S 40

Entrance, Parking Gate



MetaSol is an EPC company that specializes in metal structure design, manufacturing, and installation, as well as full solar projects.

MetaLiFe, a MetaSol subsidiary, is a leading provider of advanced LiFePO4 battery storage solutions, offering a wide range of high-quality battery storage systems for residential, commercial and industrial uses.

MetaSun, a MetaSol subsidiary, is a leading provider of solar mounting structures. MetaSun specializes in anodized aluminum solar mounting structures, providing designs for carports, fixed tilt, east-west, and roof-mounted systems.



Carport Design

- > **Mounting:** Precast concrete
- > **Service Life / Warranty:** 30 Years
- > **Material:** Anodized Aluminum Alloy 6063 T6 (Stainless Steel Bolts and Nuts)



Carport Design

- > **Inclination:** Up to 30°
- > **Span:** 7.1m (up to 3 cars)
- > **Characteristics:** Easy mounting and installation minimal civil works required



5.2kWh
7.7kWh



10.3kWh
15.4kWh

25.6V Models

202Ah & 302Ah

51.2V Models

202Ah & 302Ah

>6,000 Cycles | Grade A+ Cells | New Manufacturing Date





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S 06



DISTRIBUTION OF SOLAR COMPONENTS

By Gods grace we are bringing solar power to the people, striving to make the world a better place for the next generations. We have years-long experience in the distribution and wholesale supply of photovoltaic solar panels, inverters, construction, storage systems, EV chargers and other components for photovoltaics. We offer products that are proven to be highly efficient, reliable and cost-optimal. Our goal is to deliver optimal technical solutions, quality and stability of the TOP 5 brands at affordable prices. We are official distributors for JASOLAR / LONGI / TRINA / CANADIAN SOLAR / RISEN SOLAR / SUNMAN / SUNGROW / HUAWEI / SOFAR SOLAR / BYD / SOLINTEG / WALLBOX.



The logo for Next Solar, with 'next' in orange and 'solar' in black.

> Your Reliable Solar Partners >

- 1-Beirut-Jnah Branch: Rola Bldg., Gabriel el Murr St.
- 2-Sidon Branch: Rehab Plaza Bldg., Riad Solh St.
- 3-Tripoli Branch: Espas Bldg., Maarad St.

+9611 850 140

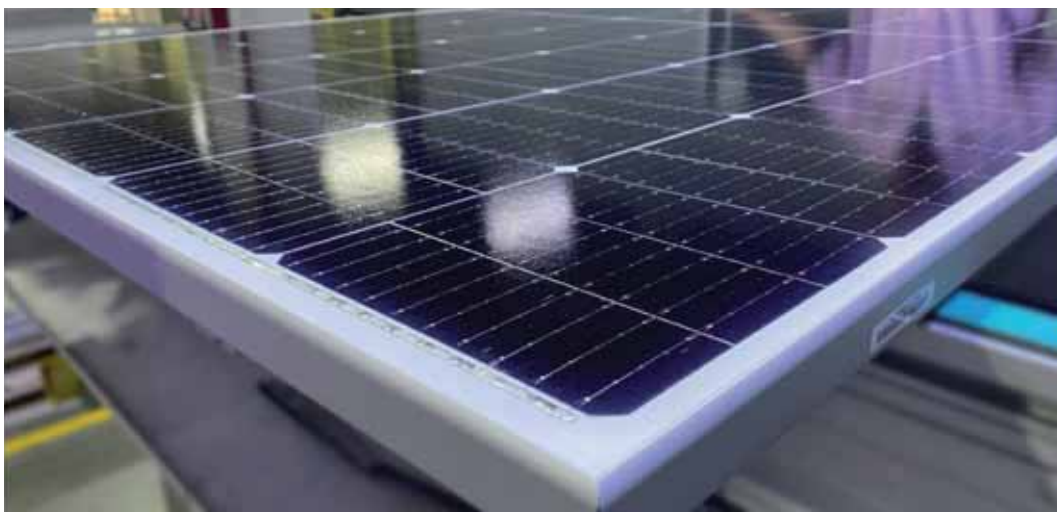
S 15



Next Solar is Lebanon's biggest and most reliable solar shop. We pride ourselves on providing the best for our customers, Next Solar was hence born as a company dedicated solely to the distribution of premium quality solar components.

With years of experience in the solar distribution industry, hundreds of satisfied customers, and a very wide range of solar panels and inverters, Next Solar continues to be the leading solar distributor in Lebanon.

Company services: All the products and services you need delivered to your doorstep from Next Solar, from solar panels and inverters to solar batteries.





Noon for Renewable Energy

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Beirut, Jal Dib Coastal Highway
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T: +961 4 721 255
E: info@noonlb.com
www.noon-mena.com

S 41 - S 42



We are a leading importer of solar energy products in the Middle East, with headquarters in Amman, Jordan and branches across 4 countries. We specialize in providing high-quality solar panels, inverters, and batteries to residential, commercial, and industrial projects.

At Noon for Renewable Energy, we recognize the significant benefits of clean energy and are dedicated to making it accessible and affordable for everyone. We work closely with the world's leading solar energy manufacturers, such as Longi, SOFAR, D.Grid and OKAYA, to offer our clients the latest and most reliable technology in the market.

We pride ourselves on providing exceptional products and services that exceed our clients' expectations, and we are continually striving to improve our offerings and stay at the forefront of the industry.





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www.powersun.com



Powersun is a leading solar solution, supplies, and system company catering to residential, commercial, and industrial installations across South Asia, the Middle East, Africa, and Europe. With a successful track record of shipping 1200 megawatts of solar components until Q1 2023, Powersun is committed to providing reliable and efficient solar solutions.

As an authorized distributor of renowned brands such as JA Solar, Longi, Trina Solar, Sungrow, Deye, Solplanet, Sineng, Solinteg, Pylontech, Dyness, Shanghai Electric, Weidmuller, Apar cables, KBE, and Clenergy, Powersun offers a comprehensive range of top-quality solar modules, photovoltaic inverters, storage systems, construction elements, solar cables, portable power stations, and other solar equipment.

Powersun takes pride in being a solar supply chain manager and demand aggregator, focused on optimizing the time, cost, and quality aspects of solar projects. By streamlining processes and reducing project turnaround time, Powersun aims to minimize overall costs for their clients. In essence, Powersun is a one-stop solar solution, supplies, and system company that empowers clients to maximize energy yield while minimizing expenses.



AUTHORIZED DISTRIBUTORS

LONGI

JA SOLAR

Trinasolar

SUNGROW
Clean power for all

Deye

SINENG

Solplanet

SOLINTEG

invt

SMA

focus

POLARIS

PYLONTECH

Dyness

上海电气
SHANGHAI ELECTRIC

PLATINA
TALL TUBULAR BATTERY

APAR

KBE

CLENERGY

Weidmüller
The Interface Partner

S 03



SacotelZnshine is the joint venture between Sacotel and Znshine. SacotelZnshine was created to offer timely factory support for the most demanding regional solar projects. 57 years' regional presence and 33 years manufacturing production are a sign of a job well done.

OUR JOINT VENTURE

Ensures our clients have timely factory support when most needed.

OUR PANELS:

- Are rated Class A, Fire Rating.
- Are Graphene coated reducing maintenance costs and increasing productivity.

OUR FACTORY:

- Is a top 10 world wide Tier1 factory.
- 12GW production capacity
- Top bankability as per Bloomberg new energy finance rating.

SACOTEL ZNSHINE REFERENCE PROJECTS

86MW Cape Town South Africa



International School of Choueifat, SABIS. 421 KW



- Tier 1
- Top 10 world wide position as per bloomberg NEF
- 12GW production capacity
- 33+ years of experience in PV manufacturing
- Reduced maintenance cost because of self clean graphene coating.

- Guaranteed by local confirmed company
- Guaranteed by Chinese Confirmed Factory
- Guaranteed by German insurer Munich Re



Bekaa, Lebanon. 500kw



1MW Jabboule Eco-Village Bekaa - Lebanon





COMPANY PROFILE



S 23



Solarix Sarl is an EPC Contractor specialized in providing full spectrum of Energy Conservation and Renewable Energy Solutions through the preparation of feasibility studies, engineering, supply, installation, testing & commissioning for medium to large scale utility projects.

 Choueifat, Bchamoun square - Al maderees  78 884 278 - 70 781 827

 Info@solarix.me

 www.solarix.me



SOLARX

S 11



Solar X's dedication to providing the best for their customers has earned them a reputation as Lebanon's biggest and most reliable solar Company. We are an Implementation company(EPC) and Committed to LCEC. Solar X have achieved this by focusing solely on the distribution of premium quality solar components, with years of experience in the solar distribution industry and a wide range of solar panels and inverters to choose from.

Calion

Power Your EV with Calion Charger



EV Charging Station

Adjustable Charging Current
16A~40A/16A~48A



Portable EV Charger

Adjustable Charging Current
8A~32A/8A~40A



Output Current: 48/40/32/24/16A
Cord Length: 5 Meters
Cord Management: Built-in

Calion



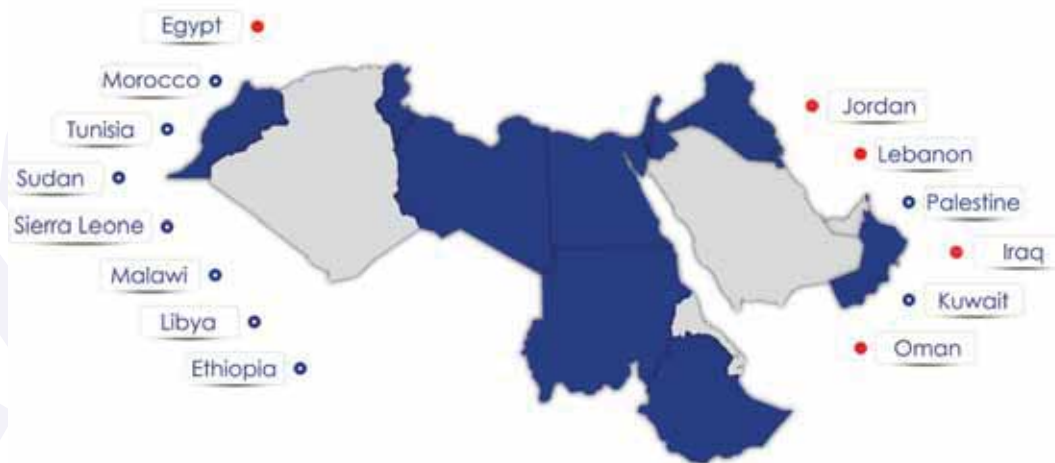
All in one Inverter





+961 (1) 595 646
info@solisdepot.com
www.solisdepot.com
HOLCOM Bldg., 460 Corniche
Al-Nahr POB 17-5002
Beirut - Lebanon

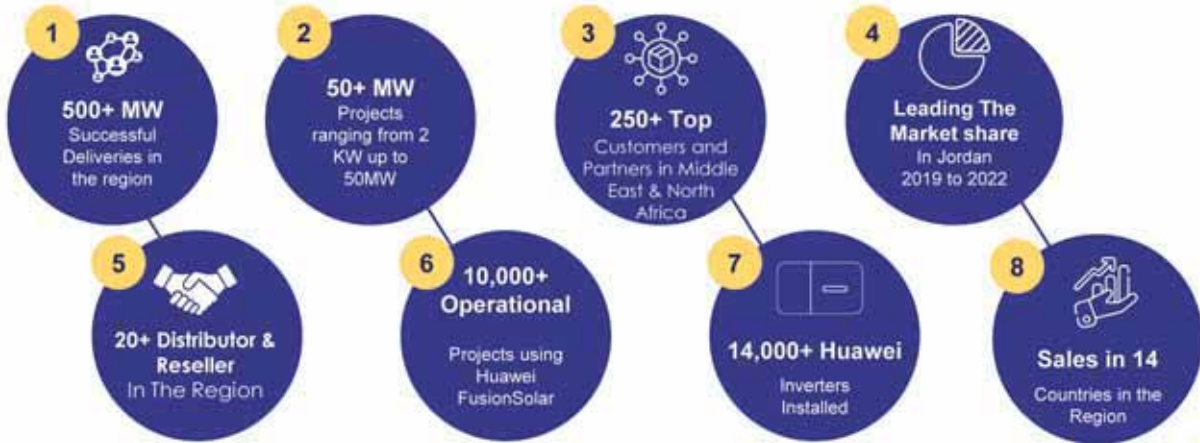
S 01



Solis Depot is a Solar Service company that is fully committed to supplying Huawei Solar PV inverters. We focus on providing high-quality inverters for our clients while prioritizing and managing resources in an effective and efficient way to continuously create value. We place utmost priority on the safety of our clients and employees, our environment, and society. We sell only the best products which are manufactured with the end-users in mind. As a Solar PV inverters provider for contractors in the residential, commercial, and utility fields, Solis Depot has delivered exceptional products utilized in completing thousands and thousands of Solar PV projects. Our aim is to become the largest retailer of quality renewable energy products and accessories. We are 24/ 7 available throughout the business cycle and beyond.



Value-Added Partner (VAP)



SOLU-TECH

SOLUTIONS AND TECHNOLOGIES.SARL

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Main Road, Rmeich, Lebanon

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Www.solutechlb.com

S 20



Established in 2015, as the first lithium energy storage manufacturer in Lebanon our company is dedicated to providing state-of-the-art energy storage solutions to our customers. Our 24V and 48V battery system for home use offers capacities ranging from 5kWh to 15kWh and can support up to 16 pieces in parallel, providing high-quality energy storage meant to fit the varying needs of our clients. In addition, we also specialize in the development of high-voltage industrial batteries and energy storage systems with capacities ranging from 65kWh to 3MWh for each single system, enabling our clients to benefit from safe and reliable energy storage that ensure minimal power interruptions. Driven to exceed customer expectations, we remain committed to developing sophisticated and innovative solutions tailored to meet the ever-evolving energy storage needs of businesses and individuals alike.

Energy Storage For Home Use
24 V & 48 V Battery Systems
Up To 16 Pcs In Parallel



The image shows three white, rectangular battery units standing in a modern living room. The units are labeled 'LITHIUM CELL' and feature a blue logo. The room includes a dark sofa, a lamp, and large windows.

SOLU-TECH
SOLUTIONS AND TECHNOLOGIES S.A.R.L.

Industrial High Voltage Energy Storage
For Heavy Loads, Factories, Hotels...



The image shows a tall stack of industrial battery units in front of a large, modern building. The units are black with red and blue accents. The sky is blue with some clouds.

SOLU-TECH
SOLUTIONS AND TECHNOLOGIES S.A.R.L.

Containerized Mwh Energy Storage
For Micro-Grid



The image shows a cluster of containerized battery units in a mountainous landscape. The units are brown with yellow and blue accents. The background features mountains and a tree.

SOLU-TECH
SOLUTIONS AND TECHNOLOGIES S.A.R.L.



Bahsas Round, Tripoli, Lebanon
Sea Side, Dbayeh, Lebanon
+961 70 021 214
www.techstore-lb.com

S 19 - S 21



Tech Store is the ultimate destination for technology enthusiasts, offering a wide range of devices to meet the needs of all types of customers. As a part of the Yamak Contracting Company, Tech Store is committed to providing our customers with the latest and most innovative tech products on the market to improve their quality of life. We offer a variety of products, including solar energy devices, sound systems, network devices, and much more. At Tech Store, we work with the best companies in the world to supply solar energy solutions that guarantee optimal performance throughout all seasons. We proudly offer an extensive selection of high-quality technology devices at competitive prices in Lebanon. Our knowledgeable staff is always available to answer questions and help customers find the perfect products to meet their needs. Whether you are a professional or a technology enthusiast, Tech Store is your one-stop shop for all technological appliances. Our main aim is customer satisfaction, and we strive to maintain their confidence and trust in us.





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Panhuo Street,Yinzhou District,
Ningbo City, Zhejiang Province,
China 315000
Web: www.chisageess.com

S 27

ABOUT CHISAGE ESS

Chisage ESS is the holding subsidiary of Chisage group which was founded in 1998. After over 25 years of accumulation and growth, we have developed into a modern enterprise with more than 5,000 employees and 4.5 Billion USD in sales revenue. Our business range has been across seven major fields, including apparel, bulk commodity trade, consumer electronics, new materials and new energy, health, future life, and industrial investment.

The headquarter of Chisage ESS is located in Ningbo city with a sophisticated R&D engineering team for BMS and hybrid inverter technology. Now we have over 1.5GWh manufacturing capacity for lithium iron phosphate battery packs and 1GW for inverters.

Our main products include residential hybrid inverters, lithium battery packs, residential hybrid inverters, CAI hybrid inverters, all-in-one ESS cabinets, and container ESS.

Chisage ESS values innovation and reliability and is dedicated to delivering the customers our best solutions.

CERTIFICATION

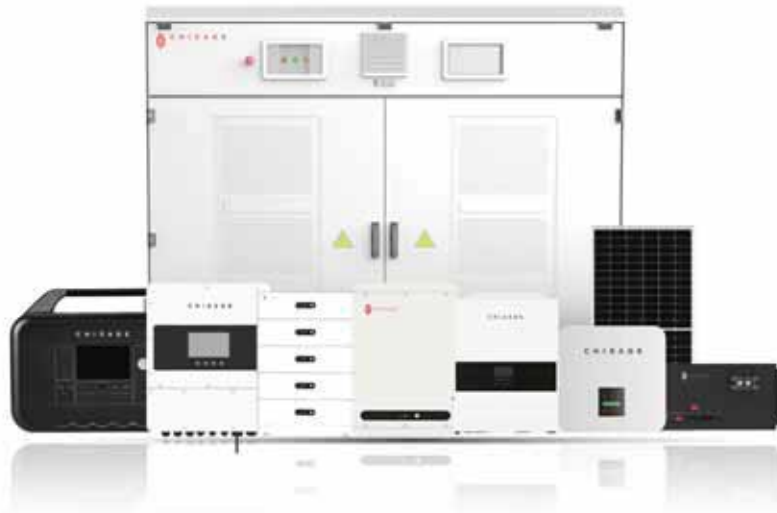


Chisage ESS is the holding subsidiary of Chisage group who was founded in 1998. After over 30 years' accumulation and growth, we have developed into a modern enterprise with more than 5,000 employees, 4.5 Billion USD sales revenue. Our business range has been across seven major fields, including apparel, commodities, audio core material, new materials, energy storage system, health and industrial investment.

Our headquarter is located in Ningbo city, China. We have the very professional R&D team for BMS and hybrid inverter technology. Now we have over 1.5GWh manufacturing capacity for lithium iron phosphate battery packs and 1GW for inverters. We manufacture the innovation and reliability. Dedicate to deliver the customers with our best solutions.

CHISAGE ESS PRODUCT FAMILY

Nice to meet you!



CHISAGE ESS
www.chisageess.com

**NEW ARRIVALS
INFINITE
POSSIBILITIES**

MARS Series
High-Capacity
PowerWALL® Inverter
5-12kw Power Range IP65 Protection Degree

LINK Series
Fully Customized &
Trackable Battery Pack
5-25kw Power Range IP65 Protection Degree

A photograph of a house with solar panels on the roof. In the foreground, there are several CHISAGE ESS products. On the left is a white control unit with a screen and a 'NEW' sticker. Next to it is a stack of three white units. To the right, there are two signs for the 'MARS Series' and 'LINK Series' products, detailing their power ranges and IP65 protection degree.



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www.victoire.com.lb/solar

S 26



Pioneering Solar Insurance in Lebanon

In recent years, Lebanon has witnessed a remarkable surge in the adoption of solar energy as a sustainable and renewable power source. Recognizing this transformative trend and the need to support solar energy users, Victoire Insurance Company blazed a trail in Lebanon by becoming the first company to offer a comprehensive solar insurance policy.

Victoire, a trusted name in the Lebanese insurance industry, has always been at the forefront of innovation. With a commitment to adapting to changing times and meeting evolving customer needs, Victoire identified the growing demand for insurance coverage specifically tailored to solar installations.

Understanding the unique risks associated with solar power systems, the company sought to develop a comprehensive insurance solution that would provide peace of mind to solar energy users in Lebanon.

The introduction of Victoire's solar insurance policy marked a significant milestone in the Lebanese insurance landscape. By offering coverage designed specifically for solar installations, Victoire demonstrated its dedication to supporting the clean energy revolution and contributing to sustainable development in Lebanon. This pioneering initiative opened up new avenues of protection for homeowners, businesses, and organizations that had invested in solar energy solutions.

Victoire understands that every solar installation is unique, and thus, the insurance policies they offer can be tailored to meet individual requirements. Whether it's a residential rooftop system, a large-scale commercial project, or a community solar initiative, Victoire's experienced team works closely with clients to assess their specific needs and provide customized coverage options.

Policy Coverage:

To Third parties:

- Material damage to others
- Corporal damage to others

To your solar system & Installation:

- Fire
- Explosion
- Burglary
- Storm
- Tempest & Flood
- Hail damage
- Lost bullets

GET A QUOTE ON WWW.VICTOIRE.COM.LB/SOLAR



YOUNES TRADE COMPANY IMPORT & EXPORT

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✉ younes.trade@yahoo.com

🌐 www.younestrade.com

S 17



Younes Trade Company is a Lebanese Company, established in 2009. It is considered one of the top companies in the Lebanese market that are specialized in selling batteries (Automotive and storage batteries), lubricants, and greases.

With such strong ethical business practices, the 50+ employees in the company have maintained transparency in dealing with customers and have gained the trust of more than 2000 clients nationwide and worldwide.

We are greatly convinced that contributing to sustainable development helps create business value and reduce operational and financial risk, making us a more competitive and profitable company.

Younes Trade Company is the Exclusive Agent for the Indian Tubular Batteries brands:
DuroTech, Girolodi - Eastman, Power XL , Solar Box , Viva - Okaya
And "ARIETE" Italian Flat Plate Battery



Duro
TECH



GIROLDI



SOLAR BOX

