

CLIMATE CHANGE

NASHWAN FOR ENERGY CONSULTATION

Together, we can achieve greatness.



for energy consultation

نشوان لإستشارات الطاقة

OUR GOALS

- Delighting our client .
- Be extinguished in after saleservice
- Creating new job opportunities for people specially women, and youth.
- Assisting local communities in enhancing their life quality, especially poverty pockets areas, and needy people.

OUR POLICY

- Hiring people, qualify them, invest on them, and use them to accomplish company goals.
- Safety is our path to achieve our goals.
- Quality is the criteria which we consider to enhance our achievements.

	Project Name(ON-GRID)	Project Size
1	Mediterranean Steel Co.	21 MWp
2	Royal-Amman Hotel	6.750 MWP
3	7th Star Hotel Suites	120 KWP
4	FRV8 MW project, installation of tracker and PV modules for Astraco	8 MWp
5	10 MWP ORAYX SCATEC SOLRAR	10 MWP
6	JORDAN UNIVERSITY AQABA- KAWAR ENERGY	500 KWP
7	That alnetaqeen society	44 Kwp
8	OSAMA BIN ZAID Masjid	20 Kwp
9	SAEED BIN MUSAYYIB Masjid Tabarbor	20 Kwp
10	KHADER ATIYA Masjid Arjan	18 Kwp
11	MR. KHALID QUTTAINEH RESIDENT Rehab Area	33 Kwp
12	GHALIB BILBEISI Green Land Area	8 kwp
13	DIMA JAMAL RESIDENT Deir ghbar	4 Kwp
14	OSAMA BIN ZAID Masjid Jabal Al naser	12 Kwp
15	AL NABI ZAKRIA Masjid Tabarbor	20 Kwp

16	OMAHAT AL MO'MNEEN Masjid Wadi Al rimam	8 kwp
17	ALRAYAN Masjid Al-jandawil	20 kwp
18	IBRAHEEM KHALAILH Al zarqa'	4.4 kwp
19	IMAD BADRAN Abdon	11 kwp
20	SA'ED BEN AL MOSAYAB Masjid Jabal Al nozha	20 Kwp
21	MAZIN AL OMARE Arport Street	6 kwp
22	FUAZ AL NABLSI Arport Street	4 kwp
23	ABD AL BASET AL KHATEEB Wadi Al seer	4 kwp
24	GYM SAMA Khalda	15 kwp
25	MOHAMMAD ALNAJI HOUSE Tla' Al Ali	4 kwp
26	SAQIR SHANNAK Masjid Al Aqsa	6 kwp
27	Yaseen Aziz house Marj Al hamam	4 kwp
28	House of Ahmad younis Al jubiha	3 kwp
29	House of hosam Al khalidi Al jubiha	3 kwp
30	House of Hamad Abdullah Jordan street	8 kwp

31	House of Isma'el Aqil Al kamalia	12 kwp
32	House of Mahmud Al malji (offgrid)	3 kwp
33	General public security (off grid)	23 kwp
34	Mohammad Alsalem farm (offgrid)	3 kwp
35	Khalda Grand Masjid Khalda	20 Kwp
36	Haitham essential home Khalda	4 kwp
37	Ammar essential home Shmeisani	4 kwp
38	The house of Dr. Ahmad Al-Momani Khalda	4 kwp
39	Masjid Islamic conquests Rehab	20 Kwp
40	Masjid of Omar ibn al-Khattab Yadodeh	20 Kwp
41	Muhyid din home Khalda	4 kwp
42	Royal society for health awareness (Off grid)	26 kwp
43	Madi one building	32 kwp
44	Madi two building	20 Kwp
45	Sobhi abu Ghallous	115 kwp



AN OVERVIEW

A team of professionals ,who have over than 30 years of experience in management, organisation development and implementation of projects in the fields of renewable energy , energy efficiency and biomass in countries such as Jordan, Syria, Egypt, and UAE.

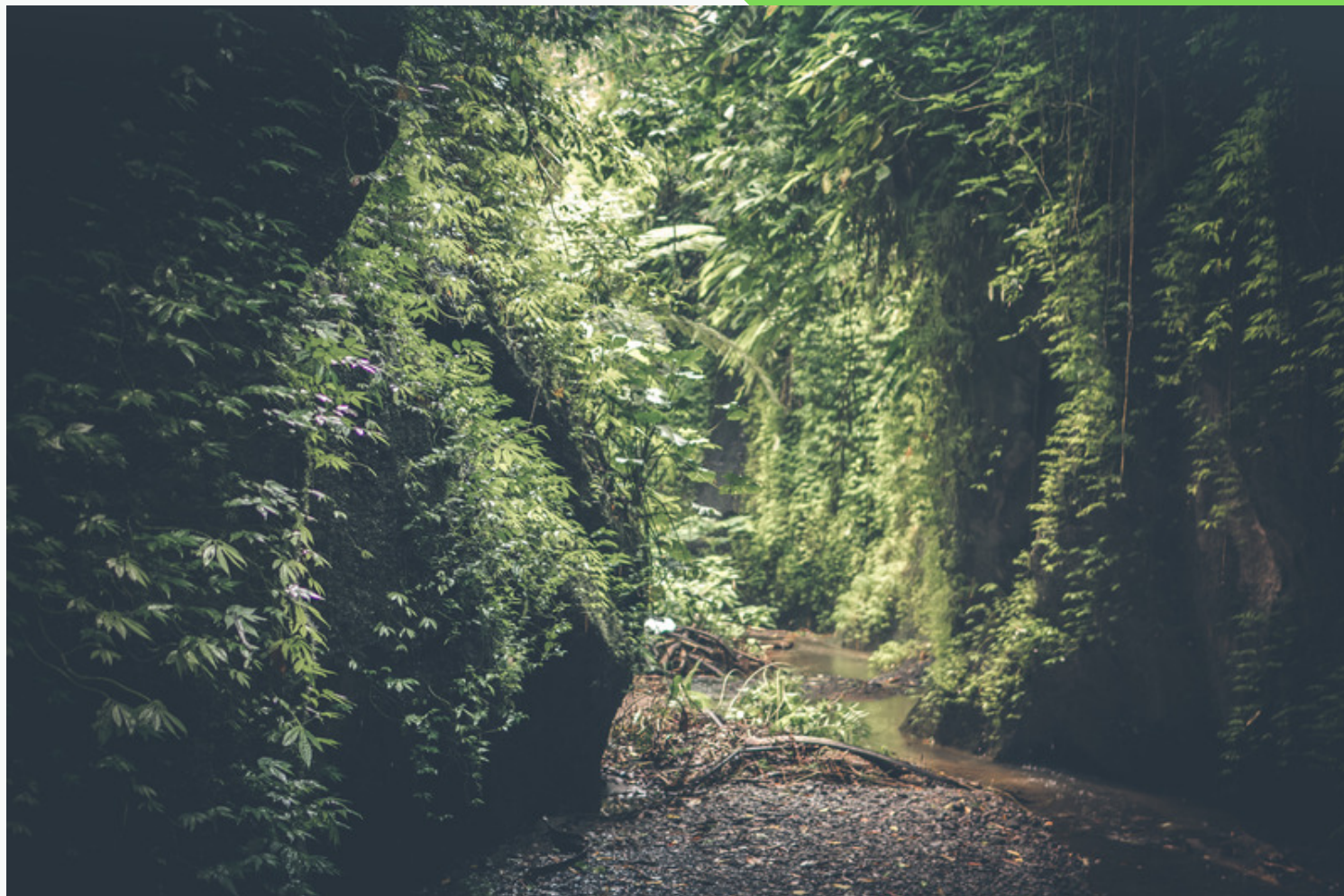
CLIMATE CHANGE

LETS SPREAD THE MESSAGE

We all know the problem: we are polluting our atmosphere and changing our climate by burning coal and oil. Climate change means more frequent and severe droughts, floods, storms, fires, illness and poverty; which can impact the lives of millions every year.

We all know the solution: a quick transition to 100% clean energy sources such as wind, solar, and biomass. Fortunately, we have the best people who have dedicated their lives to tackling this exact challenge, and in order to make our vision a reality.

"Renewable energy, as part of the solution to climate change, is very important to us and we will do our best to expand it as much as we can".





**OVER 26.65 MW
RENEWABLE
ENERGY
PROJECTS IN
JORDAN SINCE
2017**



NEC'S CDM PROJECTS AND CLIMATE CHANGE EXPERIENCE

Green building certification preparation and Eco industry documentation preparation professionals

Carbon energy managers that worked in the biggest

CDM project in Jordan "aqaba thermal power station"

Our team participated in CDM PIN preparations

CDM process implementation and PDD file drafting

As well as CDM projects registration and issuance process and preparing CDM verification requirements

Mitigation Adaptation and Inventory



Nashwan for energy consultation (NEC)

Brief

The MENA region faces specific vulnerabilities to climate change and has different opportunities to mitigate the effects and build resilience in the 21st century.

The ratification of the Paris agreement opened the door for us to take action regarding climate change, by taking action and making the situation less severe by using mitigation and adaptation methods.

Mitigation

Mitigation measures are those actions that are taken to reduce and curb greenhouse gas emissions, improving our energy sectors to more green solutions is the way to go to decrease the GHG emissions, we can add value to help reduce climate change effects in the fields of health, industry, education, employment, energy and agriculture.

One of the best actions of the mitigation is renewable energy and energy efficiency.

Mitigation Adaptation and Inventory



Adaptation

Adaptation measures are based on reducing vulnerability to the effects of climate change, Agriculture and food supply security is an important sector for adaptation efforts in climate change. Given the expected rise in temperature and reduction in rainfall, climate-related impacts on water used for the agricultural sector are expected to be highly significant,

The main action of the adaptation is doing actions to avoid flooding like dams and storm water and drainage system.

Inventory

We as an entity have the ability to identify barriers to sustainable climate change investments and provide recommendations for overcoming those barriers on various levels.

Keeping inventory about those barriers is an important factor in reducing climate change, by keeping our information up to date, we will be able to face climate change challenges



CDM EXPERIENCE

AQABA THERMAL POWER STATION

Fuel Switching CDM project “Aqaba Thermal Power Station (ATPS)” in cooperation with EcoSecurities Co. in order to register the project as CDM project. The Fuel Switching Project of the Aqaba Thermal Power Station, developed by Central Electricity Generating Company, has implemented a fuel switch for the power station boilers from Heavy Fuel Oil (HFO) to Natural Gas (NG).

The fuel is burned to create steam that drives turbines that rotate magnets within generators, creating electrical energy. This fuel switch technology is common throughout the world, but relatively new to Jordan. The work included all stages of the CDM registration process such as PDD development, validation, monitoring & verification.



CDM EXPERIENCE

ALSINDIAN PAPER MILL COMPANY (NUQUL GROUP)

2004 - 2006 Developing a CDM project for Alsendian Paper Mill Company (Nuqul Group) including writing the PIN, PDD and all other CDM related documents, leading to registration in 2006. The project also included participation in the engineering for the Cogeneration plant, commissioning of Cogeneration plant, Troubleshooting and maintenance for two years after commissioning

SPREADING THE KNOWLEDGE

2008 Capacity building program in Syria and first regional workshop to raise awareness of CDM. Representatives from eight Arabic countries participated in this workshop.

PIN PREPARATIONS TO MORE THAN 20 PROJECTS

NEC has assisted the following companies in preparing PINs (project idea notes) for their CDM projects:

- Jordanian Cement Company.
- KEMAPCO
- Jordan Petroleum Refinery
- Mulk holding energy efficiency project 1.5 MW UAE
- Advani group an Indian group 25 MW solar power, India.
- Khaw pump station Jordan
- POA for water sector in Jordan
- Emirates steel UAE
- Dier Ali power Plant \combined cycle Syria
- ALNasiria Power Plant combined cycle Syria
- Mass Global Investment Company.
- Petroleum Service Company, Kuwait.



CAPACITY BUILDING AND ENHANCING THE AWARENESS

- Capacity building for CDM projects implementations in Jordan, Syria, Egypt and UAE.
- Capacity building in carbon foot printing in Jordan, Syria, Egypt and UAE.
- Capacity building and raise awareness in the field of building energy managements and green buildings in Jordan, Syria, Egypt and UAE.
- Capacity building in fighting poverty in Urban Area, and Gender's equality in Jordan, Syria, and Egypt





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