



What is happening in the network?

WEFE NEXUS POLICY DIALOGUE IN LEBANON: EXPLORING THE NEXUS IN PRACTICE UNDER THE GEF

Under the GEF UNEP MedProgramme, GWP-Med has been implementing activities in Lebanon since 2022 to assess the opportunities offered by the Water-Energy-Food-Ecosystems (WEFE) Nexus approach in enhancing the country's natural resources security. In line with the framework of the project, "addressing Nexus issues affecting priority coastal zones of the Mediterranean Large Marine Ecosystems" a field visit and meeting was conducted to the Shouf region. Nine representatives of Lebanese institutions and administrations related to the management of water and energy resources, agriculture/food security and environmental protection participated in a meeting and field trip to Nexus-related projects in the Shouf region, aiming to address trade-offs across different sectors and generate socioeconomic and environmental advantages. The field trip was organised by GWP-Med in its efforts to promote constructive dialogue, mutual learning, collaboration with similar projects implemented in the country, aiming to encourage the replication of best practices that contribute to the enhancement of Lebanon's natural resources security.

During the event participants visited the following projects:

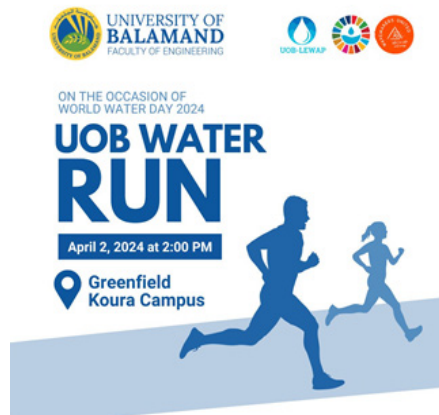
- The EU and Swedish Postcode Foundation funded SWat project: Saving Water, Growing Crops: remote-controlled irrigation system to address water scarcity and promote preservation of available freshwater resources.
 - The USAID funded Water, Sanitation and Conservation (WSC) project: Wastewater treatment sludge management in the Barouk river Watershed and its Tributaries.
 - The Sweden funded MINARET I project: The MENA Region Initiative As a model of Nexus Approach and Renewable Energy Technologies
- All participants are actively engaged in the recently established WEFE Inter-Ministerial Group, led by the Lebanese Ministry of Energy and Water and facilitated by GWP-Med, which aspires to facilitate collective engagement of relevant institutions to prioritize common solutions towards the country's sustainable development. The full story is available [here](#)



Exploring the Nexus in practice: meeting and field trip to the Shouf area in Lebanon

UOB-LEWAP STUDENT CHAPTER WATER RUN - 2ND APRIL 2024

On April 2nd 2024 and on the occasion of World Water Day 2024, the UoB Water Run was organized. This event, which was part of the larger 1 Million Action Postcards initiative, brought together members of the UoB community to participate in the World Water Run event on World Water Day 2024. Through enthusiastic participation and shared commitment, the community demonstrated its proactive engagement in addressing the global water crisis. The event not only raised awareness but also fostered a sense of unity and purpose among participants, highlighting the collective impact we can achieve when we work together towards a common goal.



News from Hawkamaa-EU project (MADAD 3)

PARTNERS' ACTIVITIES IN THE LAST THREE MONTHS

The Hawkamaa-EU project continues its activities to enhance water governance and public water and wastewater services in Lebanon, benefiting all communities in need in Lebanon. A Consortium comprising various organizations is actively involved, with ACTED, ACF, WW-GVC, LebRelief, and Solidarités International serving as implementing partners, supported by IMPACT, LCPS, Nahnoo, and LEWAP. During this quarter, LebRelief launched data collection for a study on SocioEconomic Barriers to Subscription and Servicing, further bolstering water reforms and public service enhancements. The Consortium

is also partnering with LCPS to produce advocacy and research pieces related to water reforms in Lebanon. Meanwhile, WWGVC completed works on the Frosty Mountain Water Scheme which will benefit households across Douris and Ain Bourday (Bekaa). Works are coming to completion on other schemes such as Tleil (Akkar), Lehfed (BML) and Brak-Qennarit (South). Lastly, the Consortium is also funding 11 CSOs projects across the Ostuan, Assi and Ghadir basins. Activities have started and aim to improve the water and environmental conditions for the communities of these basins.

LEBANESE CIVIL SOCIETY FOR WATER

The Lebanese Civil Society for Water (LCSW), implemented by LEWAP and LebRelief as part of the Hawkamaa-EU project is a network of Lebanese NGOs and Civil Society Organizations (CSOs) active in the water and environment sector, who are willing to increase their knowledge and intervention capacities for water and wastewater. The LCSW

meets regularly on a monthly basis to discuss updates from the sector as well as strategic topics, and receives capacity building trainings provided by the project's partners.

They have attended the CEPI workshop conducted on 17 April 2024; more details below

COMMUNITY ENGAGEMENT AND PARTICIPATORY INCLUSION WORKSHOP - 17 APRIL 2024

The Hawkamaa-EU project aims to provide WASH assistance to support water governance and public water and wastewater services in Lebanon for host and refugee communities. A consortium formed of different organizations is at work; the implementing partners of

the project are ACTED, ACF, WW-GVC, LebRelief and Solidarités International with the support of IMPACT, LCPS, Nahnoo and LEWAP.

Under this project, LEWAP's role is to conduct workshops around topics of high relevance for the water Sector.

On 17 April 2024, a workshop on the Community Engagement and Participatory Inclusion (CEPI), was conducted in partnership with implementing partners in the consortium, and presented by WeWorld showcasing their experience. The workshop was attended by a wide variety of stakeholders ranging from representatives from different ministries to international and local organizations, civil society organizations, municipalities, and academic institutions; it revolved around presenting the social outreach campaigns conducted with local communities and the water establishments around the HawkaMaa-

EU water action across Lebanon.

On the agenda:

- Introductory words by LEWAP
- Presentation of Social Outreach & Community Engagement
- Questions
- Presentation of Environmental & Water Conservation Awareness
- Questions
- Coffee Break
- Presentation of Water Establishment Cost Recovery Campaigns
- Questions and Closure

To know more about the event, check the conference report [here](#).



UPDATES FROM THE MINISTRY OF ENERGY AND WATER

Latest updates from the Ministry of Energy and Water on their ongoing projects:

On National Water Sector Strategy: Reforming the national water strategy is ongoing and will be shared with the sector once validated. The document period is 2024-2035. The main changes are the prioritization of dams. In the plan, Syrian refugees outside ISs are taken into consideration. Palestinian refugees demand is calculated as well whenever data is available.

On water reforms (Technical Assistance Team EU/AFD): 10 Legal Documents related to water reforms were prepared and will be shared once validated by the council of ministers. Water establishment new organization charts

are out and will be shared soon.

On Task Forces: A meeting covering all the updates on the existing task forces by May.

On Public Public Partnership: MoU Template will be shared to be used by partners when there is collaboration between municipality and water establishment.

On Support to Water Establishments: Staff support gap raised by water establishment will be shared by the ministry of energy and water to the donor agencies once the ministry receives coordinated plans of the requested staffing support.

On Non-Revenue Water: Non revenue water guidelines are late., A draft will be shared by GIZ by May.

NEWS FROM THE WASH SECTOR

In response to the ongoing conflict in Lebanon affecting the overall water, sanitation, and hygiene (WaSH) conditions across the country, the WaSH Sector, in collaboration with the Tension Focal Point at UNDP, has developed a tool for area prioritization. This tool provides partners with insights into potential WaSH needs at the systemic level, taking into account tension and internally displaced persons (IDP) pressure indexes. Additionally, the WaSH Sector, in conjunction with the shelter sector, is analyzing data on identified vacant collective shelters to establish a proper methodology for selecting collective shelters in

the event of further escalation. This methodology considers the cost per household to meet minimum WaSH and shelter standards. Furthermore, the WaSH Sector has updated the composition of hygiene kits to address the current needs and conditions for individuals residing inside and outside collective shelters, as well as those in hard-to-reach areas.

Given the current funding cuts for WaSH services in Informal Settlements (ISs), the WaSH Sector has developed a new tool to flag anticipated tension in areas across Lebanon resulting from the reduction of WaSH services in these excluded ISs.

Additionally, under the community engagement thematic group, the WaSH Sector has developed new Standard Operating Procedures (SoPs) to guide sector partners in managing the phasing out of ISs. These SoPs outline key messages and community engagement strategies, along with a communication management plan involving various stakeholders to ensure a smooth transition out of these

camps.

Addressing other key cross-cutting themes, the WaSH Sector has appointed two Persons of Specialized Expertise on Prevention of Sexual Exploitation and Abuse (PSEA) to cover the PSEA theme at both national and subnational levels. Moreover, a two-day Gender-Based Violence (GBV) training was conducted in person in coordination with OXFAM.»

NEWS FROM THE STABILIZATION THEMATIC GROUP

Under the WASH cluster, LEWAP has been coordinating the stabilization thematic group; stabilization actors have been meeting on a monthly basis, online and in person. To kick off 2024, a presentation of the Workplan was done:

Under sector coordination:

Improve reporting and collection of information

- by expanding the audience of the thematic group; including the ministry, donor agencies, RWEs, WASH partners and development actors (social stability sector) .
- by collecting further information on support to RWEs; number of seconded engineers, capacity building done etc.
- Establish a direct linkage between RWEs and Donor agencies

Under monitoring and evaluation:

Develop criteria supporting the selection of projects

- based on the WatSan vulnerability

mapping and cost-effectiveness (solarization, non-revenue water reduction, etc.)

- SoP on coordination process for Stabilization/Development projects (facilitating the work for partners wanting to intervene in such projects)
- Discuss the updated map with the sector stabilization thematic group; bi-monthly meetings to provide updates
- Analyze lessons learnt and produce short paper on best practices related to WASH stabilization projects by collecting factsheets from partners on their conducted and ongoing stabilization projects

Under conflict sensitivity:

- Prioritize cadasters in need of intervention in face of emergencies
- Raise any new needs raised through referrals to the core group; in case the referral is coming from a public institution for stabilization TG

This was followed by a presentation of the Action Points for 2024

Under sector coordination:

- Report on support to RWEs (seconded engineer, capacity building etc.)

Under monitoring and evaluation:

- Develop SoP on coordination roadmap for solarization projects (who are the entities involved and how is the coordination process among them)
- Continue reporting on activity

info and providing updates during monthly meetings

- Prepare a short paper on stabilization projects from 2020 until currently (Name of the project, donor, duration, location, target audience, current status of project, name of establishment etc.)

Stay tuned for further updates

Latest publications

More publications on LEWAP and pS-Eau [database](#). To share a publication, send it via email to contact@lewap.org.

THESIS : "STUDY, DESIGN AND CONSTRUCTION OF A 135 KWP SOLAR WATER PUMPING SYSTEM IN BABLIYEH-LEBANON"

This thesis is the work of a doctoral student named Bader Al Arab from ISAE (Institut des Sciences Appliquées et Économiques) – Cnam Liban.

In the era of sustainable development, photovoltaic technology has shown its significant potential as a renewable energy source. The need for water means that a growing interest is being focused on the use of photovoltaic generators as a new source of energy in this sector. The realization of an autonomous and reliable photovoltaic pumping system is a practical and

economical solution to the problem of pumping, particularly in rural areas. The objective of this thesis is to contribute in the study of a photovoltaic pumping system operating at its maximum power and energetically autonomous. The case studied concerns the study, design and realization of a 135 KWP photovoltaic system without batteries for the supply, to supply a 90 KW AC pump through a SIEMENS S120 inverter equipped with an MPPT, in an agricultural site in Babliyeh-Lebanon. You can find the thesis [here](#)

LEWAP FACTSHEETS PUBLISHED IN THREE LANGUAGES

LEWAP developed three factsheets now available in three languages Arabic, French and English on sludge management in Lebanon, liquid sanitation in Lebanon and wastewater reuse in Lebanon

To download the factsheets, visit the following links:

- Sludge management in Lebanon: [AR](#), [FR](#), [ENG](#)
- Liquid sanitation in Lebanon: [AR](#), [FR](#), [ENG](#)
- Wastewater reuse in Lebanon: [AR](#), [FR](#), [ENG](#)

Upcoming events in Lebanon - date and further information will be sent via email

WORKSHOP ON BARRIERS TO SUBSCRIPTION: END OF MAY 2024 TBD

WORKSHOP ON LEGISLATIVE FRAMEWORK AND ORGANIZATIONAL CHARTS WITH THE TECHNICAL ASSISTANCE OF EU-AFD: BEGINNING JUNE 2024

WORKSHOP ON SOCIO-ECONOMIC BARRIERS TO SUBSCRIPTION: MID-JUNE 2024 TBD

THIS NEWSLETTER IS PUBLISHED BY LEWAP, CREATED UPON THE INITIATIVE OF PS-EAU, AND SUPPORTED BY THE RHONE AND MEDITERRANEAN CORSICA AGENCY, THE AGENCE FRANÇAISE DE DÉVELOPPEMENT AND THE EUROPEAN UNION.

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This newsletter is published by LEWAP, created upon the initiative of pS-Eau, with the support of the Rhone and Mediterranean Corsica Agency, the Agence Française de Développement and the European Union

Contribute to LEWAP newsletter!

This newsletter has been published in order to keep you informed about the updates in the water sector and can be enriched by your contributions... Do not hesitate to communicate to us any information which are likely to be interest to other members in the network: contact@lewap.org

