

SDC Network RésEAU SDC WATER NEWS

FOCUS: Middle East and Northern Africa (MENA)

Editorial

Dear colleagues

We herewith present edition 41 of the SDC's Water News, focusing on water related projects and programs in the Middle East and Northern Africa (MENA). This region stands out from other contexts in many ways, also in regard to water resources. First of all, it is the world's region where water scarcity is at its highest level - with 17 countries (out of 21) below the water poverty line set by the United Nations. Home to six percent of the world's population but having just one percent of global fresh water resources, these resources are being withdrawn from the reserves faster than they can be replenished, meaning MENA countries are essentially living beyond their means. And scarcity is not only impacting access to water resources and living conditions, but also the economy: A recent report of the World Bank found that inadequate supply of water and sanitation costs the MENA region approximately \$21 billion per year in economic losses.

Today, rapid population and economic growth, shared water supplies across borders, and the effects of climate change significantly impact water supplies in the region (see also the 2018 Arab Regional Report). The SDC's programming is addressing a wide range of these root causes: Some address water scarcity by enhancing supply and managing demand, others focus on the reduction of risks of disasters, whereas others focus on the alleviation of the effects of conflict and climate change or on transboundary water management. Overall there is a wide range of programs and projects in terms of duration and focus, from small-scale, short-term projects to large, long-term programs and initiatives.

One feature of the SDC's programming in the MENA region is the strong presence of its Humanitarian Aid Division. HA is supporting the implementation of 45 projects across the region, which include projects focusing on water for health, water for food, water for the environment, Integrated Water Resource Management, as well as projects focusing on improved water governance. Within the HA portfolio there is a focus on WASH, with the respective projects targeting 5.6 million people directly and 12.6 million people indirectly.

As usual, the newsletter provides you with short glimpses on selected projects, each article indicating persons to contact and on-line resources in case you want additional information on specific project.

On an internal note, we would like to mention that We are in the process of developing a regional sub-RésEAU MENA, which will build on and complement the existing knowledge sharing initiative of the Humanitarian Aid division (Competence center) and the SDC Regional Office in Amman with a first meeting planned to take place in April, tentatively in Jordan (more information to follow soon). Furthermore, November 2018 saw the implementation of a learning journey on climate resilient agriculture, which was co-hosted by five SDC's Global Programmes. Some webinars of this learning journey are available on-line already, with the rest to follow soon. And please do not forget that you can share insights, ask questions or make comments on our internal knowledge management platform, the RésEAU dgroup.

To conclude, we cite a recent report of the World Bank: "To make these solutions work, countries in the region will also need to better engage water users, civil society, and youth." This is one of the things we are working on, and we look forward to continue on this journey in 2019 and beyond.

We wish you a happy reading and would like to thank everybody who contributed to this edition of the Water News.

Hanna Capeder, RésEAU Focal Point

Ralph Bland, Regional Water and Sanitation Programme Manager

Mufleh Alalaween, Regional Water Advisor Global Programme

Marc-André Bünzli, Head of WES specialized group at SDC Matthias Saladin, Editor RésEAU Newsletter



Northern Africa

Egypt

Water Efficiency and Economic Support (WEE) in Nasr El Nuba and Kom Ombo

Duration: 01.07.2012 - 31.03.2018 SDC budget contribution: CHF 8'475'923

Egypt is a water scarce country and despite recent reforms in the water sector, major challenges remain. Based on needs identified by local authorities and past experiences by the Egyptian-Swiss Development Fund, a programme targeted at the needs of the population in Aswan was developed and implemented. The project aimed at benefitting farmers and their families living around 20 megas (tertiary canals) in 10 villages in Nasr El Nuba and Kom Ombo districts in Aswan. The goal was to contribute to reduced water usage, efficient irrigation practices and increased households' income in 10 villages.

The project came to an end in March 2018, having achieved all of its three intended outcomes:

- Significant increase in efficiency of irrigation practices and agriculture productivity for small farmers in the target villages
- Active participation of women and youth in local community development in target villages
- Significant improvement in household's income due to access to finance in the targeted villages

Key outputs of the phase include:

- 18 Water User Associations (WUA) capable of managing water in the targeted irrigation channels
- 18 irrigation channels rehabilitated

- One specialized union "Takamol Association for Development and Services" established and enabled to represent WUAs and resolve problems
- 6,849 farmers made aware of efficient water and agriculture practices trough 30 model farms and agricultural extensions
- 450 women and 475 youth acquired skills to actively participate in communities' development and conduct 11 participatory rural appraisals
- Sustainable credit program established and distribution of 614 loans. Women borrowers are representing 48% of the total loan borrowers.



Rehabilitated irrigation channels helped reducing water losses and increased productivity of 1,275 farmers. © FDFA

For further information please check out this project page, or contact Iman Radwan, SDC

Potable Water Management Programme in Upper Egypt

The Potable Water Management Programme in Upper Egypt is a new program with an intended duration of 11 years (2017-2027 inception phase, 2 main phases and a closing phase) with an overall budget of up to CHF 17 million (around EGP 300 million). The programme is based on the experiences of a previous SDC intervention in the region ("Access to Quality Drinking Water and More Efficient Water Usage"), which came to an end in December 2016. The new program was approved by the SDC in June 2018. During the inception phase (11/2017 -03/2018) a detailed assessment and a comprehensive project design for the 1st phase were developed.

Phase 1 will be implemented in the Governorate of Aswan, with a planned duration from December 2018 to December 2021 and a budget of around CHF 7.2 million (EGP 128 million), from which CHF 3.9 million (around EGP 70 million) are allocated for infrastructure measures.

The goal of the program is to contribute to an effective, efficient and reliable service provision of potable water by Aswan Water and Sanitation Company (AWSC), which will lead to sustainable and equitable access to potable water.

The project is implemented by a consortium led by EBP Schweiz AG, with two Egyptian sub-contractors: United Consultants and Development Business Associates.



Girls at a secondary school in Aswan drink water from taps installed in the schoolyard. (Picture from a previous project, © FDFA EDA)

For further information please check out this project page, or contact Iman Radwan, SDC

Morocco

AGIRE project: support to Integrated Water Resources Management

The AGIRE (Progamme d'Appui à la Gestion Intégrée des Ressources en Eau) project entered its third and final phase in 2018, which is planned to conclude in 2020. A wide range of activities supporting the implementation of IWRM initiatives are rolled out at central and regional level with the support of three River Basin Agencies. The approach adopted by the project coherently addresses water supply and demand simultaneously by developing access and mobilization of non-conventional resources (e.g. wastewater reuse, rainwater harvesting, fog collection) while setting-up participatory water management agreements among users. In parallel, direct and indirect methods are used to monitor water use and consumption, to assess water balance and feed hydrogeological simulation models.



Visit of the "Kingfishers" fog catchers installed by the NGO Dar Si Hmad to supply water to the populations of secluded areas in the Region of Ait Baamran

For more information contact Marc-André Bünzli, SDC, or check out this website.

Tunisia

Programme Eau Kasserine – PEK

The Program Eau Kasserine (PEK), financed by SDC over the amount of CHF 10.8 million and implemented between 2014 and 2018, allowed more than 20,000 inhabitants of the Governorate of Kasserine to access high quality drinking water. This result was achieved by constructing and/or rehabilitating twelve drinking water supply networks, by capacity building of fifteen technicians of the regional agriculture development commissioner, and by promoting the role



An inhabitant of the Kasserine region is drawing water from a recently installed household connection



of local communities in the governance of water resources. Four pumping stations, which are powered by photovoltaic panels to significantly lower costs of accessing groundwater, are connected to an automatic system of underground sensors in order to improve the sustainable management of this precious resource.

For more information contact Karima Kefi, SDC, or check out one of these videos:

- Video 1
- Video 2

Middle East

Regional projects and programmes

Blue Peace Middle East Initiative – reinventing itself after a decade of progress

The Middle East is the most water scarce region in the world. Water plays a central role in the region's conflicts and in defining priorities with regard to the sustainable development agenda. As water problems in the region and their impacts are often transboundary, regional solutions are required, which can encourage regional cooperation.

In this context, SDC has been supporting the Blue Peace Middle East Initiative, which has been going on for more than decade. The objective of SDC's support to the initiative is to enhance regional water management, empowering the broader underpinning for peace in the region.

Within this broad initiative and program several individual projects are implemented along three different tracks: a political track (including the support to the Cooperation Council for Water Resources), a technical track (including projects like SAMOWAR, see below) and a capacity building track (Media training, Start-up program - please refer to the "Spotlight on Youth" at the end of this newsletter).

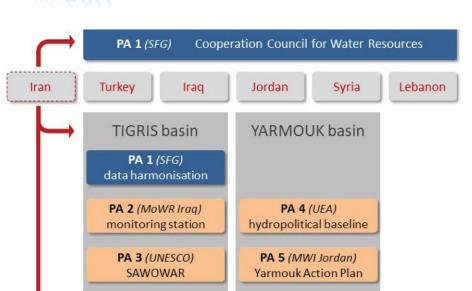
The Blue Peace Middle East initiative has seen a dynamic progress over the past years, growing from a project to an initiative and a movement. During 2017-2018, the political dialogue platform of the Blue Peace Middle East Initiative has reinvented itself. The result is the creation of a new mechanism for regional cooperation on water resources in the Middle East fully owned and driven by experts in the region, building on the decade long Blue Peace Initiative.

For the first time a regional mechanism is being established for collaborative management of water resources in the Middle East. While it will benefit from external support, it will be completely owned and managed by a cluster of institutions and eminent individuals in the region. The mechanism is expected to begin its operations in the beginning of 2019 with the Turkish Water Institute (SUEN) functioning as its first Coordination Office (2019-2020). The Managing Committee with representation from the involved countries in the region ensures that the mechanism is steered by collective interests of all countries in a fair and equitable manner.

The current phase (04.2016 – 12.2018) is supported by the Global Programme Water with a budget of CHF 4.3 million.

For more information please refer to this conference report and this fact sheet

or contact Eileen Hofstetter, SDC Global Programme Water



Legend:

Technical support

PA 7 (CEWAS)

PA 6 (MiCT)

Partial Action (PA); Strategic Foresight Group (SFG); Ministry of Water Resources (MoWR); University East Anglia (UEA); Ministry Water and Irrigation (MWI); Media in Conflict and Transition (Mid

Overview of the Blue Peace Middle East Programme

Political Track

Creating the conditions for sustainable transboundary water management through the Yarmouk Vision project

Media training

Start up program

Capacity building

Consider a basin where there is so much competition for water it is littered with useless dams and boreholes conceived and cemented-in by international agreements over half a century ago. This is the case of the Yarmouk tributary of the Jordan river, where the 'solutions' for water scarcity - infrastructure and water treaties – are the problem.

Now imagine the Yarmouk shared equitably, sustaining several Syrian and Jordanian cities and the livelihoods of thousands of farming families. This is where the Yarmouk Vision project seeks to take us, through some small first steps.

Since March 2018, the project has been rolling out the findings of the Yarmouk Hydro-political Baseline Report to Jordanian and Syrian policy-makers and academic institutions. At quiet dialogue forums, key opportunities to overcome challenges are first diagnosed, and then worked into strategies for improvement. With a view to inspire a future generation of researchers, the project is also developing key stories, policy briefs, academic articles and infographics. The hope is that greater awareness of the need for better understanding of water use in the basin will create ever more opportunities for others to start on this new path.

The project is co-funded by the SDC and the University of East Anglia and runs until December 2018.



The Yarmouk seen from Jordan in November 2014. Photo: Heather Elaydi For more information please contact Mufleh Alalaween, SDC Amman



Iraq

Safeguarding Applied Management of Water Resources (SAMoWaR)

Costs = 1.042 Mio \$

Duration: 12.2016 - 12.2018

Availability of safe water in Iraq has undergone a dramatic change over the past 30 years. The quality and quantity of the country's water supply has been impacted by climate change, upstream damming and huge irrigation schemes, pollution, and inefficient use. Water levels in the Tigris and Euphrates rivers have fallen to less than a third of their normal capacity and further decline is expected in the coming years due to a predicted reduction in rainfall.

In this context the SAMoWaR project aims at intensifying practical capacity building by tailored skill development for quick water resources exploration, applying standard tools and procedures, and best practices developed and propagated by UNESCO.

The project focus is on improved sustainable management of water resources in the Kurdistan Region of Iraq that is notably responsive to the current humanitarian crisis. The project delivers additional, new information on shallow groundwater resources in the area. It is designed to foster skills advancement and develop technical and institutional capacity in operational water resources management in the region of Kurdistan.

Beneficiaries include government agencies - such as the Ministry of Agriculture and Water Resources in Erbil - and other entities, namely those which will benefit from the new data, models, maps, equipment and capacity building.



One of the newly established wells in Northern Iraq

For more information please contact Mufleh Alalaween, SDC Amma

Restoring water access to communities and schools in Tal Afar

Between December 2017 and September 2018, the SDC Humanitarian Aid Division supported Terre des hommes with a grant of CHF 541,318 to provide the water for all neighbourhoods and villages of Tal Afar, a city 70 kilometres west of Mosul and one of the last cities to be liberated from ISIS occupation. This project aimed to encourage the population to return to the city and surrounding areas as well as to improve the quantity and quality of water and sanitation in both households and schools. On completion of this project, almost 100,000 people had access to the water network and 15 schools saw their WASH infrastructure rehabilitated.



Step by step the water supply network in Tal Afar is repaired (September 2018)

For further information please contact Ralph Bland, SDC Amman



Supporting Emergency and Early Recovery Processes of Conflict Affected **Populations in Ninewa governorate**

The SDC through its Humanitarian Aid Division supports Action Against Hunger (ACF) with a two-years project to provide comprehensive WASH interventions at schools and health facilities as a support to the conflict-affected population in Northern Ninewa in Iraq. The project started on June 2018 and it is currently in the assessment phase, working with the appropriate Government departments to identify and assess the villages of intervention. ACF team completed a monitoring visit to assess the situation of a PHCC (Primary Health Care Centre) located in Wanna Sub-district of Tel Keif District in the Ninewa governorate. Most of WASH facilities at PHCCs have been damaged during the ISIS liberation operations.



An example of WASH infrastructure in Primary Health Care Centre damaged during the liberation operations of Wanna Sub - District, in Northern Ninewa, Iraq

For further information please contact Ralph Bland, SDC Amman

Bringing water back to families affected by the conflict

Duration: 09.2017 - 12.2019 Budget: 2 million CHF

The SDC's Humanitarian Aid Division is supporting OXFAM in the rehabilitation and reconstruction of WASH infrastructure across the governorate of Diyala (North-western Iraq). One example is the al-Shuhada water treatment plant, which was damaged during the conflict and its rehabilitation had been identified as a priority. In collaboration with the local authorities and the local community, Oxfam fixed the water infrastructure and installed a pipeline network to give 7,752 families in the area access to safe drinking water. Of this target group, around 35% returned home after the completion of the work, showing how important it is for displaced people to access functioning infrastructure so as to come back to their places of origin.

In the village of Hay al-Shurta, Oxfam's water team installed 1,000 meters of pipes that bring water to the 510 families who returned to the area after they fled the conflict. The team also installed new water pumps and rehabilitated the water reservoir of the water system in the village of Tel Nagar where 15 displaced families live alongside the host community.

The above are two examples showing how the SDC is supporting OXFAM to fix and rehabilitate vital infrastructure in one area of Irag. Overall the SDC currently supports 8 water-related projects in Iraq, making it a top priority country globally.



Oxfam's team member monitoring the project in Iraq (Photo credit Haider al-Charmondy)



A part of the 1,000 meters of pipes (Photo credit Haider al-Charmondy)

For further information please contact Ralph Bland, SDC Amman

WASH Project in Kirkuk

The extended conflict with ISIL resulted in serious infrastructure damage affecting both returnees and remainees in Hawija district. As conflict recedes in different areas of Iraq after ISIL defeat in Mosul and Kirkuk, there is a growing need to support recovery of communities affected by the conflict. Besides the emergency response programs to assist the camps and non-camps Internally Displaced People (IDPs), there are also efforts underway to reintegrate returning families and rehabilitate host and conflictaffected communities. Following an on-site assessment, the short-term project (3 months) was implemented by REACH, a locally based implementing partner of SDC.

SDC through REACH supported returnee families in four villages (Al-Quraishiya, Al-Salhiya, Um-Kseer and Al-Nasir) by providing WASH facilities including rehabilitation or construction of latrines and the distribution of hygiene kits, garbage bins and communal bins. REACH conducted hygiene promotion and awareness campaigns and provided volunteer training. Health risks have been reduced through improving personal hygiene and community-level waste management, and village representatives are now trained to communicate their needs effectively to other concerned parties including NGOs, INGOs, and local authorities.



Hygiene promotion activities carried out by REACH

For further information please contact Ralph Bland, SDC Amman

Jordan

Improved Water Availability in Bait Ras: Enhancement of water supply infrastructure and establishment of participatory planning processes

SDC concluded a co-financing agreement with the project "Supporting Participatory Resource Management to Stabilize the Situation in Host Communities" (PRM), which is one of the Jordanian-German water portfolio projects that address the issues of governance and community participation as well as water supply.

This agreement aims to improve water availability in one of the host communities (Bait Ras area) and bridge the gap between demand and supply by improving communal water infrastructure and promoting the participatory approach through the establishment of multi-stakeholder dialogues.

The stakeholders dialogue consists of the representatives of the responsible water utilities and governmental bodies, local authorities, as well as of civil society and vulnerable groups. The purpose of this dialogue is to provide the community members with a platform to discuss water related issues directly with the responsible water utility.



The sixth stakeholder meeting was under the patronage of the Ministry of Water and Irrigation (SG)

This participatory approach mediates between different user groups and thus not only strengthens the capacities of the water sector institutions but also prevents conflicts, especially between Syrian refugees and Jordanian host community members over the scarce resource.



Drinking water supply will be secured for 10,000 inhabitants, with a share of at least 10% Syrian refugees, by installing drinking water networks. The network design has been developed taking into consideration the anticipated influx people to this area at very high rates and therefore a rapid population growth rate. This will be combined with enhancing the water use efficiency for 60% of households through the provision of water saving devices.

Overall, through the improvement of water availability in Bait Ras, the project contributes to a more sustainable use of Jordan's limited water resources and has a positive impact on the living conditions of the population.

For more information please contact Mufleh Alalaween, SDC Amman

Addressing water scarcity with Innovative Sanitations Solution and Reuse in Arid Region (ISSRAR)

The development program "Sanitation Solutions for underserved communities in Jordan", funded by SDC, was launched by the ISSRAR Consortium, BORDA and seecon in November 2017. During the inception phase, which ended in September 2018, the project has identified an appropriate sanitation system for Azraq town and developed an intervention strategy to ensure sustainable service delivery and recovery of wastewater resources. In the next phase infrastructure and operational capacities will be built and business models for resource reuse will be developed. The consortium will collaborate with civil society, private and public actors to create more enabling policies and behaviour change in the area of wastewater reuse.



Discussing options with the Municipality of the selected community (Azraq) as part of the participatory planning approach in the project.

For further information please refer to this website or contact Malak Saleh Awwad, SDC Amman

Resilience and water optimisation in communities hosting Syrian refugees and vulnerable Jordanians

Action Against Hunger implements an integrated WASH project, with 1.4 million CHF in SDC funding, in Irbid and Jarash governorates in Jordan to strengthen the resilience of Syrian refugees and vulnerable Jordanians through optimisation of water usage. The intervention, planned to come to an end by October 2019, is focused on reducing water wastage at home through the adoption of watersaving technologies and techniques, improving behavioural change in water conservation practices at home by the target beneficiaries, training a team of women and men on plumbing topics to deliver technical services within the targeted communities, and producing job opportunities and increasing access to job-market.



Training of local plumbers to install water-saving devices is a key aspect of the project.

For further information please contact Eveline Arnold, SDC Amman



Lebanon

Integrated Water Resources Management at regional level in Lebanon

The Integrated Water Resources Management project is being implemented over the period of three years (2017-2020), with an SDC funded budget contribution of 2.4 million USD.

To achieve the overall impact of more effective planning and management of water resources and better water outcomes to end users in Lebanon, the project aims at providing effective means to monitor water resources in the North Lebanon Water Establishment, and enabling data sharing amongst stakeholders and informed decision transfer to endusers. Ultimately, improved monitoring will enhance the water use in the Lebanese agriculture sector and the understanding of environmental risks linked to water quality.



Visit to the irrigation canal in Lebanon (September 2018)

For further information please check out this website or contact Rachid Chahal, SDC Beirut

Syria

Improved access to water in Syria through rehabilitation and maintenance of water networks and irrigation systems

To support vulnerable people affected by the conflict in Syria, SDC has been supporting Action Against Hunger's (AAH) live-saving programs, providing CHF 5.7 million in funding over the last eight years. This includes funding for a current project to improve food security and WASH infrastructures. The total amount for the current project is CHF 2.5 million, with over half of the budget reserved for the WASH component, mainly in the Governorates of Aleppo, Hassakeh, Latakia, Ragga, Dara'a, and Rural Damascus.

The current project started on April 01, 2017 and will end in March 2019. It aims to improve the living conditions of Internally Displaced People (IDPs) and host communities, targeting 350,000 people, who are benefiting from the rehabilitation of water systems, rain water harvesting units, and improved irrigation systems.

WASH activities included the rehabilitation of two water systems and the installation of 84 stainless steel pipe clamps in Rural Damascus, the rehabilitation of 20 water wells in Dara'a, the installation of a diesel Generator (60 KVA) in Hassakeh and the installation of a solar pumping system in rural Dara'a. Additionally, the rehabilitation of the irrigation system in Latakia has enabled the irrigation of around 50 hectares, benefiting an estimated 1,500 people.



Water wells rehabilitated in Dara'a during a water quality surveillance visit by the local technical team

For further information please check out this website or contact Ralph Bland, SDC Amman



WASH in schools - Damascus

With the financial support of the SDC's Humanitarian Aid Division, Oxfam worked within fourteen schools across Damascus to provide children with access to safe water; with toilet blocks and water fountains having fallen into disrepair, to fulfil children's rights to healthy educational facilities.

The new facilities, with schools receiving a combination of upgraded or new toilet blocks; water fountains; and water tanks, ensure that children can maintain good hygiene practices at school and have equitable, sustainable access to safe water and basic sanitation services. This intervention shall prevent the potential spread of any water-borne diseases and encourage the development of healthy behaviours for around 10,400 students, out of which nearly 4,206 are internally displaced.



For Sham, 6, it is the first time she goes to school, having fled with her family from the violence in Harasta, rural Damascus.

For further information please contact Ralph Bland, SDC Amman

Spotlight on Youth

Water Start-Up Programme & Innovation Trainings for Humanitarian WASH in the Middle East

Budget: CHF 730,000

Duration: 04.2016 - 12.2018

Since 2016, cewas Middle East supported the creation and expansion of over 45 water and waste startups through a year-long training program that includes mentoring and coaching for business planning as well as access to finance. Furthermore, cewas Middle East has been working on creating demand for sustainable sanitation and water management products and services by offering standard courses based off of the SSWM.info toolbox for actors like investors, mentors and existing businesses. These efforts have helped to improve the situation in the region for vulnerable populations, specifically with regards to improved water and sanitation and through the creation of employment opportunities. This program lasts until December 2018 and is financed by the SDC and several other regional partners.



Group of motivated participants after an SSWM training in Dohuk, Kurdistan Iraq. 22.02.18

For more information please contact Mufleh Alalaween, SDC Amman or check out the following websites:

- **SDC Fact Sheet**
- http://www.cewasmiddleeast.org/
- www.facebook.com/cewasmiddleeast

Dácis

Blue Peace in the Middle East: Communications and Media Training on Water

Countries: Iraq, Iran, Jordan, Lebanon, Syria, Turkey

Budget: CHF 190,000 Duration: 03.2017 – 12.2018

Implementing partners: MiCT, seecon, BORDA

Conflicts and poor governance have negatively affected water supply, sanitation, and water management in the Middle East over the past years. To tackle these challenges, the project trains journalists and bloggers to research and report on water related topics. An <u>online platform</u> provides key information on water and reporting, and helps the journalist' network to foster exchange and feature their articles. The project will increase public awareness and informs about effective solutions to the crisis.

The project aims to support the regional Blue Peace process in three ways: 1) Building awareness around water in public and among media professionals, 2) expanding the Blue Peace media network to involve a new generation of journalists, bloggers and social

media reports in covering water, and 3) providing media works and opinion leaders with knowledge and skills to communicate water issues effectively.



Radio Dijla (literally: "Radio Tigris") in Sulaymaniya

For more information please contact <u>Mufleh Alalaween</u>, SDC Amman or check out this <u>project fact sheet</u>.

Overview of water-related projects

A. Northern Africa

Country	Project name	Donor	Contact
Egypt	Potable Water Management Programme (PWMP) in Upper Egypt	SDC South Cooperation	<u>Iman Radwan</u>
Egypt	Water Programme Aswan, Component 3: Water Efficiency and Economic Support (WEE)	SDC South Cooperation	<u>Iman Radwan</u>
Morocco	AGIRE	SDC Humanitarian Aid	Pierre Guillibert, Justine Haag, Marc-André Bünzli
Morocco	Bassins versants Atlas (FAO)	SDC Humanitarian Aid	Marc-André Bünzli
Tunisia	Project Eau Kasserine	SDC Humanitarian Aid	<u>Karima Kefi</u>

B. Middle East

Country	Project name	Donor	Contact
Iraq	Integrated Protection, Education and WASH Assistance IDP Crisis	SDC Humanitarian Aid	Marc-André Bünzli
Iraq	Integrated Protection, Education and WASH Assistance Vulnerable Children & Families IDP Crisis	SDC Humanitarian Aid	Marc-André Bünzli
Iraq	Emergency WASH	SDC Humanitarian Aid	Marc-André Bünzli
Iraq	Emergency preparedness WASH (ACF)	SDC Humanitarian Aid	Marc-André Bünzli
Iraq	Uncovered priority needs (TdH)	SDC Humanitarian Aid	Ralph Bland
Iraq	Integrated WASH and protection response in Diyala (OXFAM)	SDC Humanitarian Aid	Ralph Bland
Iraq	WASH, child protection and education response to address immediate post-conflicts needs (TdH)	SDC Humanitarian Aid	Ralph Bland
Iraq	Supporting emergency and early recovery processes of conflict affected populations in Ninewa (ACF)	SDC Humanitarian Aid	Ralph Bland
Iraq	Safeguarding Applied Management of Water Resources (SAMoWAR) in the autonomous Kurdistan region of Iraq	SDC Global Programme Water	Mufleh Alalaween
Iraq	Improving shared water resources management in the Tigris basin	SDC Global Programme Water	Mufleh Alalaween
Jordan	Rapid action to improve water supply in host communities in the Yarmouk Basin	SDC South Cooperation	<u>Mufleh Alalaween</u>
Jordan	Innovative Sanitation Solutions and Reuse in Arid Regions (ISSRAR)	SDC South Cooperation	Malek Saleh Awwad
Jordan	Water and Sanitation in Jerash Camp Phase II	SDC Humanitarian Aid	Eveline Arnold
Jordan	Rehabilitation of public schools accommodating Syrian refugee children	SDC Humanitarian Aid	Jill Schmidheiny
Jordan	Contribution to ICRC operations in Jordan	SDC Humanitarian Aid	Ralph Bland
Jordan	Water/Food/Energy (FAO)	SDC Humanitarian Aid	Ralph Bland
Jordan	Mapping Aquifer vulnerability (RSS)	SDC Humanitarian Aid	Eveline Arnold
Jordan	Resilience and water optimization in communities hosting Syrian refugees (ACF)	SDC Humanitarian Aid	Eveline Arnold
Jordan	Aqaba flash flood mitigation measures and early warning system (direct action)	SDC Humanitarian Aid	Eveline Arnold
Lebanon	ICRC multilateral contribution	SDC Humanitarian Aid	Philipp Beutler
Lebanon	Rehabilitation of Schools in North Lebanon - Direct Action	SDC Humanitarian Aid	Rachid Chahal
Lebanon	Improved Living Conditions in Palestinian Gatherings (UNDP)	SDC Humanitarian Aid	Rachid Chahal
Lebanon	Addressing the impact of the Syrian refugee Crisis in Tripoli and Tyr (UN-Habitat)	SDC Humanitarian Aid	Philipp Beutler
Lebanon	Improving access to basic urban services for refugee and host communities in Tripolis (UN-Habitat)	SDC Humanitarian Aid	Philipp Beutler
Lebanon	Contribution improved access to WASH Bekaa Valley (Direct Action)	SDC Humanitarian Aid	<u>Urs Hagnauer</u>

Country	Project name	Donor	Contact
Lebanon	WASH UNRWA Water laboratories	SDC Humanitarian Aid	Rachid Chahal
Lebanon	Improving WASH services to Syrian refugees and host communities in North Lebanon	SDC Humanitarian Aid	Rachid Chahal
Lebanon	WASH solutions for informal tented settlements (ITSs) in the Bekaa Valley (OXFAM)	SDC Humanitarian Aid	Rachid Chahal
Lebanon	Improved Water Resources Monitoring and Integrated Water Resources Management in the North of Lebanon	SDC South Cooperation	Rachid Chahal
Syria	Emergency relief for civilians	SDC Humanitarian Aid	Ralph Bland
Syria	Food security and WASH intervention in Syria (ACF)	SDC Humanitarian Aid	Ralph Bland
Syria	Whole Syria life-saving assistance (NRC)	SDC Humanitarian Aid	Ralph Bland
Syria	Lifesaving assistance (MEDAIR)	SDC Humanitarian Aid	Ralph Bland
Syria	Wash for Improved Resilience (OXFAM)	SDC Humanitarian Aid	Ralph Bland
Syria	Ensuring acceptable hygiene and sanitation conditions in communities and families (UNICEF)	SDC Humanitarian Aid	Ralph Bland
Syria	Access to safe and adequate housing and integrated services to displacement affected communities in Syria	SDC Humanitarian Aid	Ralph Bland
Yemen	Support to the Yemen Humanitarian Pooled Fund (HPF) - OCHA	SDC Humanitarian Aid	Marc-André Bünzli
Yemen	Emergency response cholera improved access to WASH (IRC)	SDC Humanitarian Aid	Marc-André Bünzli
Yemen	WASH Response Lahj (IRC)	SDC Humanitarian Aid	Marc-André Bünzli
Yemen	Integrated WASH response in Sa'ada (OXFAM)	SDC Humanitarian Aid	Marc-André Bünzli
Yemen	WASH Emergency in-kind response (ICRC)	SDC Humanitarian Aid	Marc-André Bünzli
Yemen	Cholera emergency response material (SKH)	SDC Humanitarian Aid	Marc-André Bünzli
Yemen	Responding to the WASH needs through a community based approach in Hajjah and Dhamar	SDC Humanitarian Aid	Marc-André Bünzli
Yemen	WASH/Cholera Response for conflict affected people in Yemen (NRC)	SDC Humanitarian Aid	Marc-André Bünzli
Various	Cooperation Council in Post Conflict Middle East	SDC Global Programme Water	Mufleh Alalaween
Various	Water Start-up Programme & Innovation Trainings for Humanitarian WASH in the Middle East	SDC Global Programme Water	Mufleh Alalaween
Various	Hydro-political Baseline of the Yarmouk Tributary	SDC Global Programme Water	Mufleh Alalaween
Various	Communications and Media Training on Water	SDC Global Programme Water	Mufleh Alalaween
Various	Blue Peace Middle East	SDC Global Programme Water	Eileen Hofstetter