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AGENZIA ITALIANA  
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ALLO SVILUPPO



## SDN11

Support migrants and host communities in  
improving access to safe water and sanitation  
in Eastern Sudan

# AT A GLANCE

## 2018 - 2019





Delegation of the European  
Union to Sudan  
Block 1B, Plot 10, Gemhoria street  
Khartoum - Sudan  
Tel: +249 (0) 183 799393  
Facebook Page: European Union in  
Sudan  
Website: [www.eeas.europa.eu/delegations/sudan](http://www.eeas.europa.eu/delegations/sudan)



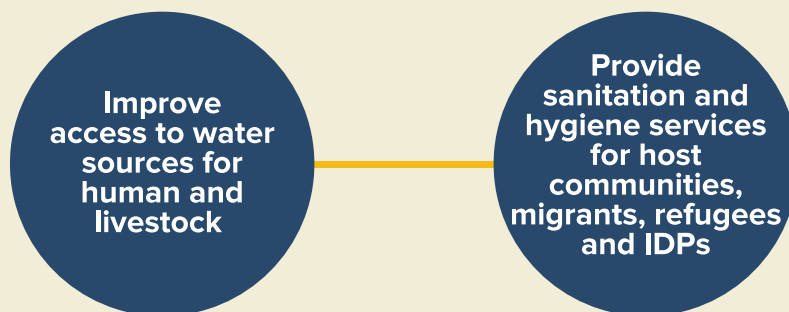
AICS - Agenzia Italiana per la  
Cooperazione allo Sviluppo  
Sede di Khartoum  
Street 33, Al Amarat  
Khartoum - Sudan  
Tel: +249 (0) 183 483 466  
Facebook Page: AICS KHARTOUM  
Website: [www.khartoum.aics.gov.it](http://www.khartoum.aics.gov.it)



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This program is a component of a larger **15 MEUR** intervention funded by the **European Union Emergency Trust Fund: the Regional Development and Protection Programme (RDPP)** in Sudan.

The program aims to:



**SUSTAINABLE  
DEVELOPMENT  
GOALS**



The program's duration is **36** months




Total cost **2.000.000 €**

The project is implemented in **4** Localities in the **2** States of Kassala and Gedaref identified by the Ministry of Health (MoH), Ministry of Education (MoE) and Water and Environment Sanitation (WES) as priority areas due to the significant lack of adequate water, sanitation and hygiene (WaSH) services and to the high number of displaced population and flows of refugees.

The Localities are Al Fashega and Basonda in Gedaref State, Kassala Urban and Gerba in Kassala State.



The overall number of beneficiaries is **1,098,986** people.

 Total beneficiaries  
**1,098,986**

## Improving water, sanitation and hygiene

Eastern Sudan is the main corridor for migratory flows from Eritrea and Horn of Africa towards Egypt/Libya, The growing demand of basic services from the displaced populations has led to a reduction in basic sanitation and adequate health services available to the local communities, resulting in increased tensions between host communities and refugees, Internally Displaced Persons (IDPs), and migrants.

Insufficient water supply, lack of access to drinking water sources and inadequate sanitation and hygiene practices have serious repercussions on the living conditions of host communities, refugees, migrants and IDPs.



## Our objectives are:

1

Improving water supply and sanitation systems

2

Enhancing the management and improvement of waste disposal

3

Building capacity and Technical Assistance (TA) in target communities (WaSH committees)

4

Raising awareness on hygiene and garbage collection and improving the environmental situation through garbage collection campaigns for schools and communities

5

Building capacity of local authorities and partners



## Local partners

### Water and Environment Sanitation project (WES)

€ 199,942.27

Water and Environment Sanitation project (WES) is a governmental body under the umbrella of the State Water Corporation and Ministry of Infrastructure and Urban Development.

✱ WES has a long experience in implementing WASH activities and has the technical capacity and personnel to implement good quality projects. WES is responsible for the implementation of water supply systems in Kassala State.









## WASH SITUATION IN GEDAREF

- Only **9%** of households in Gedaref get their water from a safely managed supply in their premises, **44%** use an unimproved facility and **43%** defecate in open spaces.
- Only **2%** of Gedaref households has a place for hand-washing.
- Although almost **50%** of schools have latrines, there is no indication as to how well they are being used and cleaned and whether there are sufficient numbers of segregated latrines for girls, boys and staff.
- Less than **50%** of health facilities have working latrines in Gedaref State. It is unsure how many have segregated latrines for men and women and what condition the latrines are in.
- A formal waste collection system exists in Gedaref Locality but the disposal site has been locked for some time. In many urban centres, waste is dumped in open ground or often burnt. In rural areas households dispose of waste by burying, burning or dumping.

Source: "Gedaref State. WASH and Waste Sector Development Plan", September 2019, <https://bit.ly/38VZaf7>



### Water supply systems and WASH facilities in schools and health centers

€ 200,000.00

In collaboration with the Ministry of Health (MOH) and Ministry of Education (MoE), AICS has provided new water systems to **3** health centres in Al Fashega locality in addition to **8** schools in Al Fashega and Basonda localities.

The work included water networks, elevated and ground water tanks, hand washing and drinking water points.

### Construction and rehabilitation of latrines in schools

€ 102,296.12

In order to improve sanitation and hygiene in the targeted communities, AICS has built new blocks of latrines in **2** health facilities in Al Fashega locality and in **5** schools in Al Fashega and Basonda localities.







## WASH SITUATION IN KASSALA

- 34% of households use an improved sanitation facility, 21% use an unimproved facility and 44% practice open defecation which is a massive health risk. Only 3% of households carry out water treatment at home.
- 11% of households have a place for handwashing with water and soap available, another 9% have a place for handwashing but with no soap or water.
- Although almost 78% of schools have latrines, there is no indication as to how well they are being used and cleaned and whether there are sufficient numbers of segregated latrines for girls, boys and staff.
- 72% of health facilities have at least 1 latrine and 66% have a water supply. It is unsure how many have segregated latrines for men and women and what condition the latrines are in. Moreover, there is little management of environmental health and few trained staff.
- Health care waste is typically not managed at all or badly in most health institutions. Dumping of hazardous waste in the grounds of the institutions or nearby is common.

Source: "Kassala State. WASH and Waste Sector Development Plan", September 2019, <https://bit.ly/2IW4ip4>



### Water Supply systems and WASH facilities in schools and health centers

€ € 199,942.27

In partnership with the Water and Environment Sanitation project (WES) in Kassala, AICS has provided water supply systems in 13 schools in Kassala Urban and Gerba localities.

The system includes water networks, elevated and ground water tank, hand washing and drinking water points.

### Construction and rehabilitation of latrines in schools

€ € 95,521.68

In order to improve sanitation and hygiene in the targeted communities AICS has rehabilitated 6 blocks of school latrines in Gerba locality, and has built new blocks of latrines in 5 schools in Kassala Urban and in Gerba localities.

## Rehabilitation of water treatment plant in Dar Al Salam village

€ € 11,906.00

AICS has rehabilitated the water treatment plant in Dar Al Salam village in Kassala with the capacity of 200-400 m<sup>3</sup>/day by changing all of the media in the slow sand filters system. In addition, AICS has repaired the drainage system and pipelines.

Now the total population of **15,000** is having a reliable water source that meets the minimum standards for drinking water.



## Provision of pyrolytic machine to Gerba hospital

€ € 12,000.00

In collaboration with the Ministry of Health in Kassala, it has been agreed to strengthen the waste management system in Gerba hospital through the installation of a new pyrolytic machine in the hospital and through the training of staff.

Gerba hospital produces around **5** tons of waste per week, **15%** of which is plastic. Therefore, the pyrolytic machine helps reduce the environmental impact of plastic waste.



# Communication and Visibility

On 1st July 2019, AICS organised celebration of hand washing day with soap and water in cooperation with the Ministry of Education (MoE) and the Ministry of Health (MoH)

The main theme was **"our health is in our hands"** to raise awareness and promote the concept of hand washing among the students in Saad ibn Waqas school for boys and Somia Bnt Alkhayat school for girls in Gerba locality.

## Total target:

- **1050** students (**530** male and **520** female)
- **30** teachers
- **150** from the surrounding community



Students  
**1050**



Teachers  
**30**



Surrounding community  
**150**





