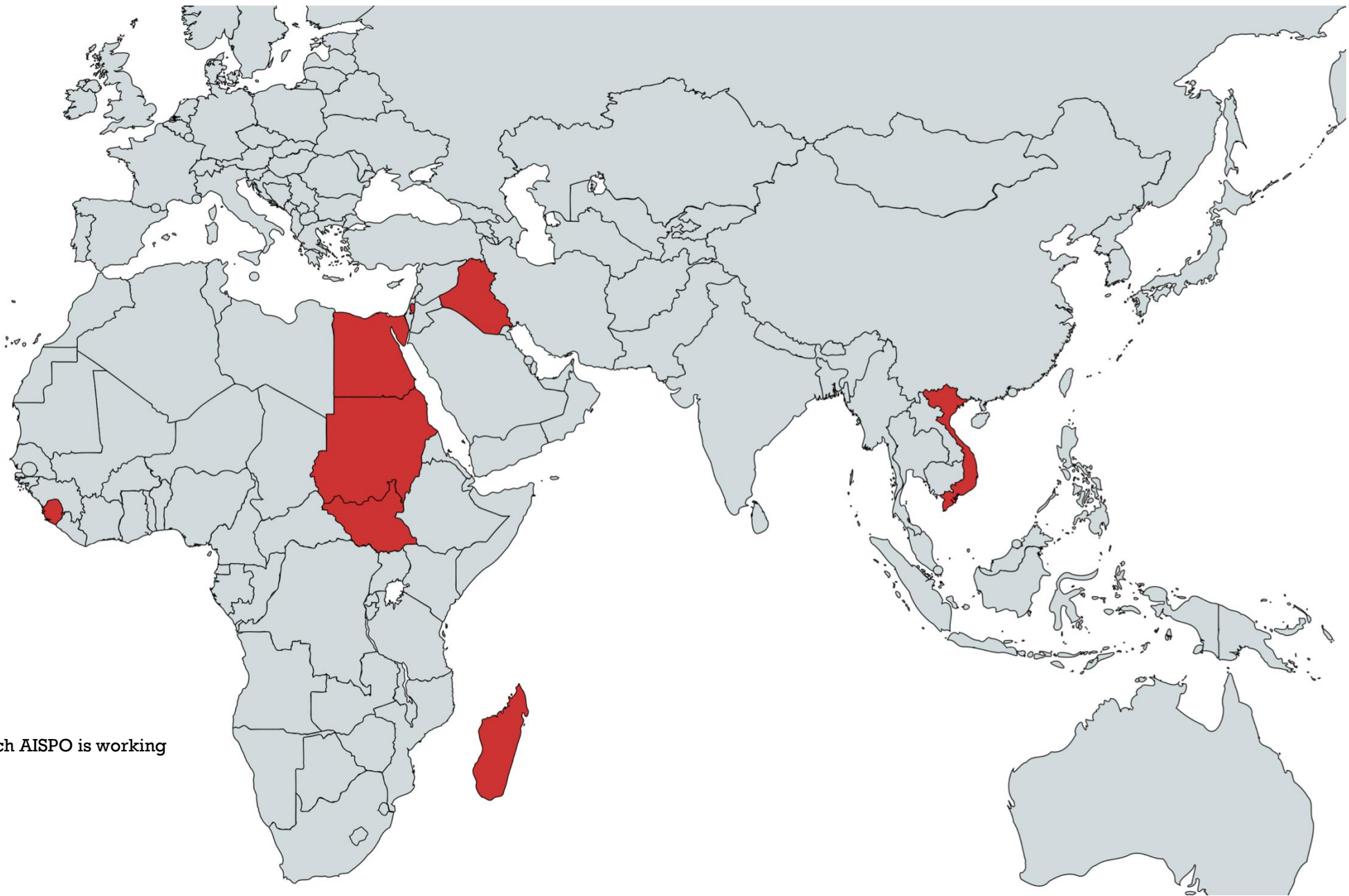




A.I.S.P.O.

**Associazione Italiana per la Solidarietà tra i Popoli
Italian Association for Solidarity Among People**



Countries in which AISPO is working



WHO WE ARE

- AISPO is a Non Governmental Organization (NGO – non profit organization), founded by a group of operators from the Scientific Institute San Raffaele Hospital of Milan. AISPO was formally recognized in 1985 by the Italian Ministry of Foreign Affairs as an organization suitable to implement international development activities.
- AISPO is involved in many projects to fight poverty, social injustice and the many diseases that affect the most vulnerable people in the world.
- AISPO operates through:
 - **Development projects:** offering human and material resources to hospitals, health centers and dispensaries. Mobile clinics go through African savannas, Middle Eastern deserts, tropical forests, rivers and lagoons which are means of sustenance but also a cause of isolation and backwardness for the people who live there.
 - **Emergency action:** whenever there is the need to support people suffering from wars, natural disasters or lethal epidemics.
 - **Training activities:** in all our projects, we support health sectors by offering training through professional experts.

The Association finds its strength in its determination to defend everyone's right to a healthy life. Special attention is given to women and children and the most vulnerable groups in poor communities.

VISION

The scope of the Association is to grant the right to a healthy life, by committing to our fellow citizens of the world living in places with poor or no resources.

MISSION

To combat suffering caused by infirmity, which in turn is created by economic poverty. To fight these through science, cure suffering and transfer scientific competences to the doctors and health operators of the beneficiary countries, creating a sense of social responsibility linked to their profession.

VALUES

- Recognize the dignity of all people.
- Respect all persons regardless of their ethnic group, religion or political beliefs.
- Offer the most effective diagnostic and therapeutic protocols.
- Never substitute local resources but accompany them to grow together in the medical art, always keeping a holistic vision of the human being.
- Sustain scientific research models which take into consideration the available resources; create awareness among local doctors of the need to participate towards their own communities which in turn will benefit the entire world population.
- Total transparency with regards to public and private funds by carrying out external auditing.
- Always offer the best that we have and the best of who we are.





K R G
u e o
r g v
d i e
i o r
s n n
t a m
a l e
n n
t



KURDISTAN AUTONOMOUS REGION (IRAQ)

- **Area:** 40.643 km²
- **Capital city:** Erbil
- **Population :** 5.200.000
- **Ethnic group:** Kurds, Assyrians, Chaldeans, Turkmen, Arabs
- **Religions:** Muslim, Christian, Yazidi, Zoroastrians, Alevis and Jew.
- **Age structure:** 0-14 (38%), 15-64 (58%), +65 (4%)
- **Life expectancy at birth:** 55 years
- **Number of physicians x 1000 inhabitants :** 1.85
- **Literacy rate:** 18.4%



AISPO has been active in Duhok since October 2013 where, in collaboration with the University of Sassari, the San Raffaele Hospital and the Kurdish Ministry of Health, launched the project "Strengthening of maternal and child health", which aims to increase the abilities of the Kurdish health system with a focus on the maternal and child population, with particular attention to birth defects, hereditary and congenital.

Due to the escalation of violence by armed groups of the Islamic State (ISIS), since 2014 AISPO has launched initiatives for the management of urgent emergency-services both on the ground and at hospital level. As well as supporting Kurdish colleagues in their daily work to cope with this health emergency and continue to provide assistance to patient beneficiaries of the programs, AISPO operators also make use of doctors and nurses from Hospital San Raffaele to transmit skills to all professionals involved in the management of the humanitarian emergency.

KURDISTAN AUTONOMOUS REGION (IRAQ)

“SUPPORT TO THE EMERGENCY/CRITICAL CARE SERVICES AND MATERNAL AND CHILD HEALTH IN DUHOK GOVERNORATE”



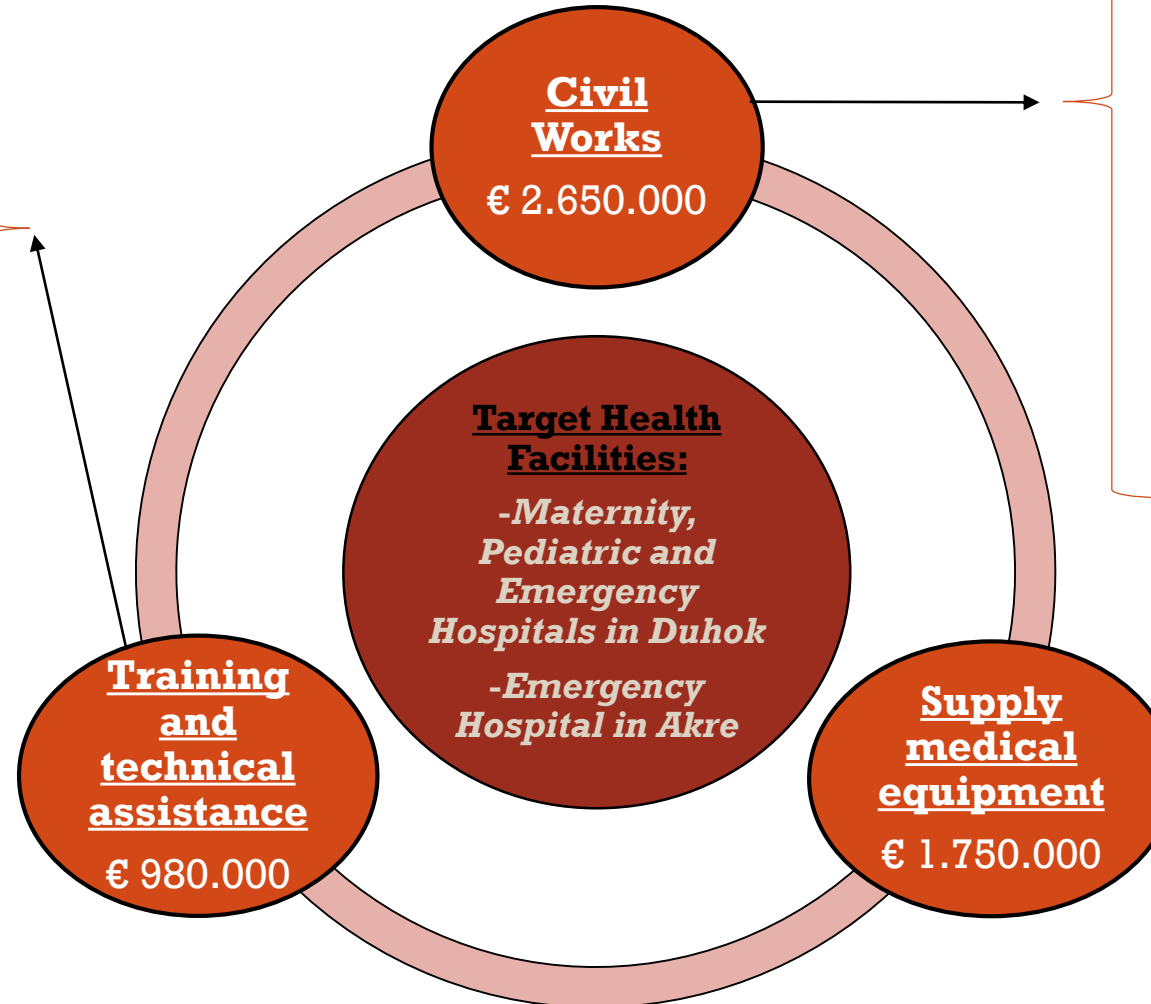
EU Regional Trust Fund “Madad”

- **EU funding:** € 6.000.000
- **Status:** in progress (September 2016 - September 2018)
- **Objective:** improve the level of access to emergency health services and maternal and child care for Syrian refugees, internally displaced persons and the local population. In particular through civil works, supply of materials and equipment, technical assistance and training to hospital staff, the project aims to:
 - Strengthen services to maternal and child health in the following particular health centers: the Maternity Hospital and the "Hevi" Pediatric Hospital in Duhok
 - Strengthen emergency medical services in the emergency rooms of Akre and Duhok
- The results that the project wants to achieve are:
 - 1. Increase the capacity of the Maternity hospital and Hevi Pediatric hospital by a minimum of 20%, to cope with part of the 62% increase of flow patients following the crisis;
 - 2. Light renovation of 72 Primary Health Care Centers (59 in host communities, 10 in internal refugee camps, 3 in Syrian refugee camps), to offer a better service to mental, maternal and child health;
 - 3. Increase the capacity at the Emergency and Trauma Hospital and Akre Emergency Hospital in Duhok, by a minimum of 30%, to partially cope with the increase in the flow of patients following the crisis
 - 4. Training of staff at the Emergency and Trauma Hospital and Akre Emergency Hospital in Duhok through structured training and mentoring programs



Intervention Area

- Technical assistance for maternity Hospital staff
- Technical assistance for the Hevi Pediatric Hospital staff
- Structured training programs to strengthen services for maternal and child mental health
- Structured training programs to strengthen the emergency services

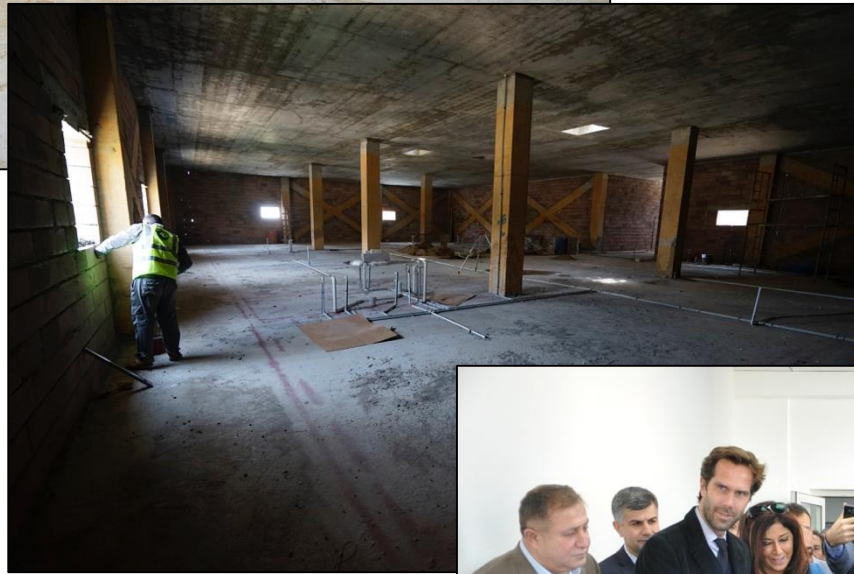


- Construction of a new Neonatal Intensive Care Unit at Duhok Maternity Hospital (co-financed by WHO)
- Construction of a new surgical unit, a new department with 40 beds, a new surgery department with 16 beds and renovation of an Oxygen Factory in Hevi Pediatric Hospital for a total of 1300 sqm.
- Light renovation of 72 Primary Health Care Centers (59 in host communities, in 10 IDP camps in Syrian refugee camps and 3) to provide better services to maternal and child health;
- Construction of a new surgical block of 600 sqm in Akre Emergency Hospital;
- Renovation of an existing operating theater in Duhok Emergency and Trauma Hospital

October 2016



May 2017



December 2017

AKRE
Emergency Hospital
New operating block
(4 operating theaters)



Before (October 2016)



After (October 2017)



DUHOK

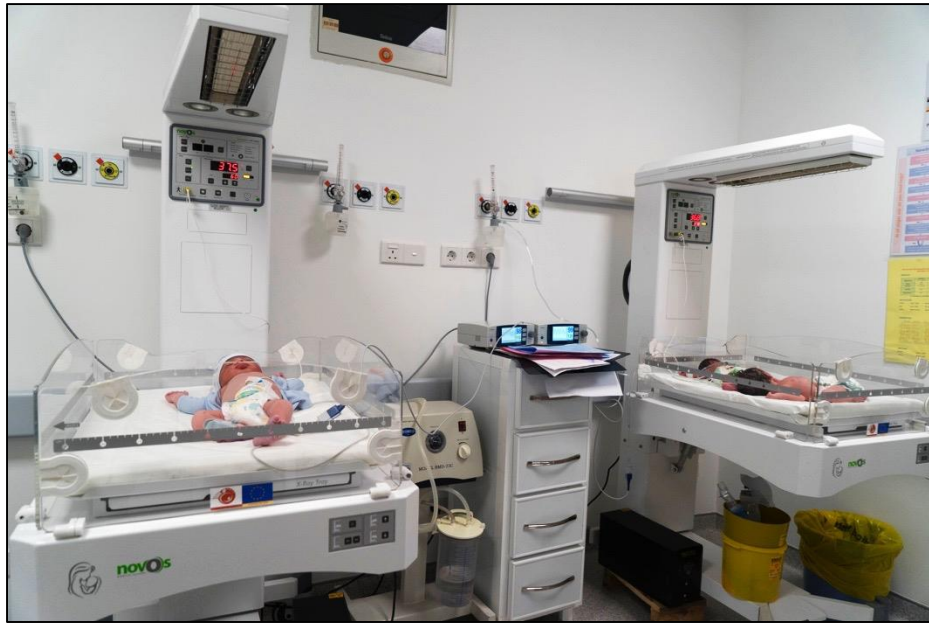
Maternity Hospital

New Neonatal Intensive Care Unit



May – December 2017





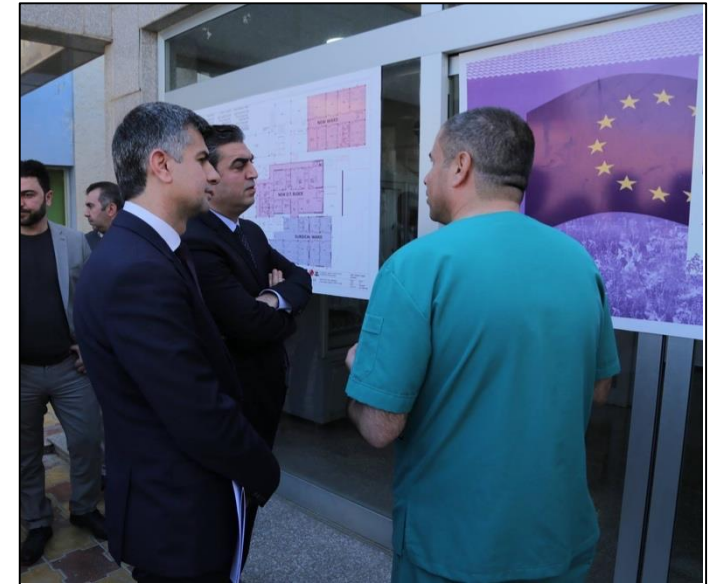
January 2018



DUHOK

Hevi Paediatric Hospital

Renovation, equipment and expansion (in progress)



DUHOK Governorate

Light renovation of selected Primary Health Centers





Training Courses



KURDISTAN AUTONOMOUS REGION (IRAQ)

SUPPORT TO THE HEALTH CARE SYSTEM TRAINING ACTIVITIES IN DUHOK GOVERNORATE – PHASE III (AID 010689)

- **MAECI funding:** 499.000 Euro
- **Status:** concluded in March 2018
- **Objective:** contribute towards improving the Duhok health system to make it capable of facing the demand for services, doubled from chronic emergency that affects refugees, internally displaced persons as well as host communities.
- **Activities:**
 - technical assistance from an expert on long assignment to the authorities on the field, for programming and planning of educational paths and a coordinator / administrator of the project activities.
 - experts from Italy on short missions offering teaching skills / management / clinical / technical specifications.
 - provision of essential biomedical instruments, mainly needed for training on the job.
 - provision of educational tools.
 - works for the renovation of the DoH training center, multipurpose laboratory of practical training of students, graduates and nurses.
 - Organization of further training periods in Italy for training of Teachers / Tutors / Mentors.
 - Development of a master plan for the creation of a Bone Marrow Transplant Unit (UTMO).






Università degli Studi di Sassari
 Ministero degli Affari Esteri

FACOLTÀ DI
MEDICINA E CHIRURGIA


project:
 Support to the health system in Duhok governorate
Autonomous Region of Kurdistan, Iraq

Professional Training Development Course
Mentorship Training Program
Opening Session







February 2017
 Opening of the mentorship training programs
 in San Raffaele Hospital



FACOLTÀ DI
MEDICINA E CHIRURGIA

Learning Nursing

ANA (American Nurses Association, 2013):
 Nursing is the protection, promotion, and
 optimization of health and abilities,
 prevention of illness and injury, alleviation
 of suffering through the diagnosis and
 treatment of human response, and
 advocacy in the care of individuals,
 families, communities, and populations



Nursing is a practical activity



February 2018

Closing of the mentorship training programs and delivery of certificates at Duhok Directorate General of Health



December 2017

New Training Unit at Continuing Professional Development Department



KURDISTAN AUTONOMOUS REGION (IRAQ)

EMERGENCY INITIATIVE FOR THE STRENGTHENING OF BASIC SERVICES FOR DISPLACED PERSONS AND HOST COMMUNITIES IN THE AUTONOMOUS REGION OF IRAQI KURDISTAN

- **AICS funding:** 329.980 Euro
- **Status:** Concluded in November 2017
- **Objective:** strengthen the reference system of patients, from the hospitalization and treatment, to cope with the complexity of medical emergencies.
- **Background** (Phase I)
 - skills of the health direction of the Governorate of Duhok strengthen through technical assistance in the war emergency management, particularly improved the allocation of human and financial resources available.
 - renovated and equipped some health posts capable of filtering the health demand coming from war zones, delivering quality services to those patients who have conditions that can be addressed on site, and reporting on the safety those with more complicated diseases to levels of diagnosis and higher care.
 - The reference system has also been strengthened through the provision of three ambulances equipped to provide advanced life support. Ambulances have been equipped with a radio system that will link with the operations center located in the Emergency Hospital in Duhok.
 - The staff has been recruited and trained by the project at various levels of emergency services.
 - The training activities have also affected the health staff located in 23 refugee camps in the Governorate of Duhok, which have been equipped with a backpack kit containing all the necessities required for first aid provision



Activities:

The second phase of the project started thanks to the renewed support of AICS (269.884 euros). Priority remained on the improvement of the health conditions of the displaced population and the host community, through further strengthening first assistance services in 23 Primary Health Care Center of Zakho, Sumel, Duhok, Akre, Amedi, Shekhan districts and the integration of urgent medical-emergency service (122) provided in the existing camps.



KURDISTAN AUTONOMOUS REGION (IRAQ)

ESSENTIAL LIFESAVING HEALTH SERVICES FOR THE MOST VULNERABLE PATIENTS REFERRED TO DUHOK'S HEALTH FACILITIES (KR-I)

- **ECHO funding:** 397.000 Euro
- **Status:** concluded in November 2017
- **Objective:** reinforce emergency medical response and assistance for war casualties by supporting Duhok Emergency and Trauma hospital.
- **Activities:**
 - rehabilitation works to improve trauma patients' reception and flow
 - supplying essential medicines and emergency equipment
 - cash transfers to health personnel
 - training of health staff on management of trauma patients
 - on the job training and technical assistance, with special reference to triage and ICU.





KURDISTAN AUTONOMOUS REGION (IRAQ)

CONSTRUCTION OF A NEW LABORATORY AT ZAKHO EMERGENCY HOSPITAL (AID 11048)

- **AICS funding:** 60.883 USD
- **Status:** in progress
- **Objective:** improve the health conditions of the Internal Displaced People and the host community in Zakho district, contributing to the development of better emergency \urgency services at Zakho Emergency Hospital through training activities and civil works.
- **Activities:**
 - Construction and equipment of a new Laboratory of about 260 sqm at Zakho Emergency Hospital
 - Construction of a dormitory for ambulance operators
 - Training to the laboratories personnel
 - Training to 10 ambulance operators
 - Training to a total of 50 sanitary operators in Duhok Governorate.



December 2017



February 2018



ZAKHO
Emergency Hospital
New laboratory
under construction

March 2018





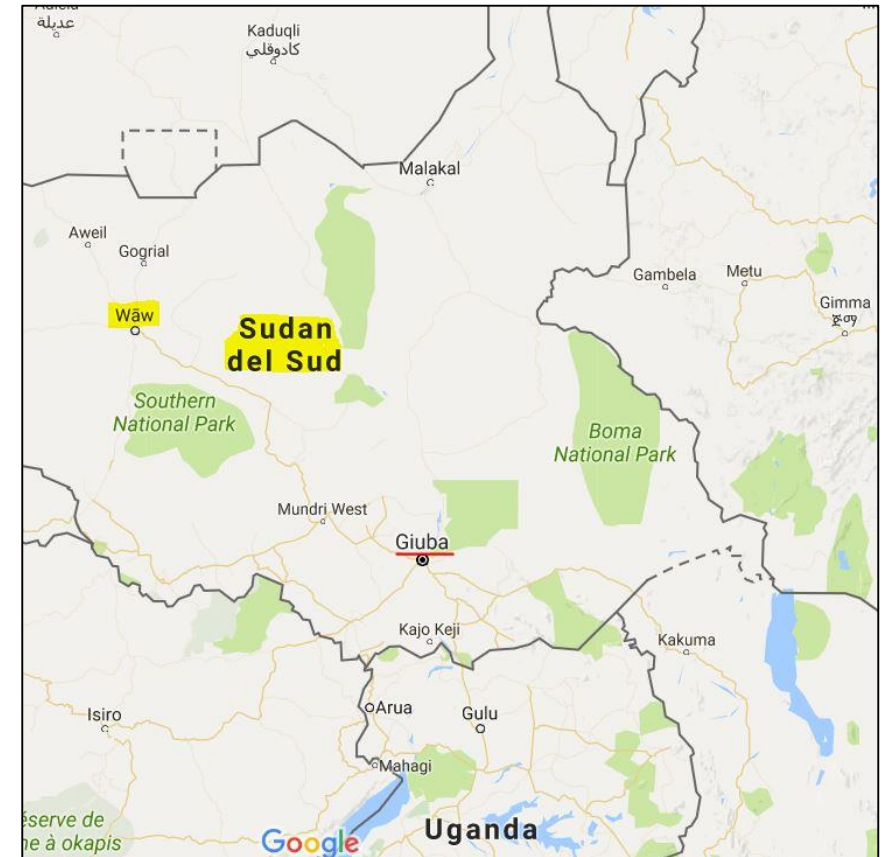
**S
O
U
T
H

S
U
D
A
N**



SOUTH SUDAN

- **Area:** 644.329 km²
- **Capital city:** Juba
- **Population:** 11.090.104
- **Ethnic group:** Dinka, Kakwa, Bari, Azande, Shilluk, Kuku, Murle, Mandari, Didinga, Ndogo, Bviri, Lndi, Anuak, Bongo, Lango.
- **Religion:** Animist, Christian
- **Age structure:** 0-14 (46,2%), 15-64 (51,8%), +65 (2%)
- **Literacy rate:** 27%
- **Number of Phisicians x 1000 inhabitants:** 0,2
- **Number of hospital bed x 1000 inhabitants:** 0,8



SOUTH SUDAN

MOTHER AND CHILD HEALTH – PHASE II (AID 10189)

- **MAECI funding:** 838.064 euro
- **Stato:** Concluded in July 2017
- **Objective:** contribute towards the improvement of the health conditions of the South Sudanese population, with particular focus on maternal and child health. Specifically, it's been extended and improved the service provided by St. Daniel Comboni Hospital in Wau.
- The project had a duration of 36 months and was the continuation of the previous project "Mother and child health in South Sudan," co-financed by the Ministry of Foreign Affairs and implemented by AISPO (16 April 2012 - 15 July 2013) which also built the new Maternity and Gynaecology Department (240 m2) at the St. Daniel Comboni Hospital.
- In the first year a new laboratory analysis and blood bank was built and equipped, while a team of expatriates (1 nurse, 1 midwife, 1 laboratory and 1 physician) delivered technical assistance and training to local staff.
- In the second year medical supplies and reagents for laboratory have been provided, missions of expatriate staff mentioned above continued, whereby a pharmacist consultant was added for the introduction of procedures for the management of the pharmacy and warehouse.
- This year the project has focused on technical assistance and training through the expatriate staff missions: nurse, midwife, lab technician, doctor and pharmacist.
- During all three years, 3-year scholarships have been made available for students enrolled in Nursing Sciences at the Catholic Health Training Institute, plus practical trainings at the St. Daniel Comboni Hospital and participation at theoretical courses and practical trainings.







January – December 2017

- ✓ Project Head of Nurses- 6 months and a half
- ✓ Midwife - 3 months and a half
- ✓ Medical advisor - 2 short missions (January \ May)
- ✓ Pharmacist – 2 short missions (January \ April)
- ✓ Desk Officer - 1 monitoring mission
- ✓ 2 local doctors – 6 months and a half each



SOUTH SUDAN

EMERGENCY HEALTH RESPONSE FOR THE DISPLACED POPULATION IN THE REGION OF WAU 10678)

- **AICS funding:** 297.857 euro
- **Status:** Concluded in June 2017
- **Objective:** improving health conditions of the displaced population and the host communities by strengthening primary health care services
- **Activities:**
 - training of local health workers
 - medical and nursing care to displaced people
 - supply of drugs, reagents, consumables and small medical instruments
 - implementation of small emergency measures to rehabilitation and maintenance of four health centers





July – December 2017

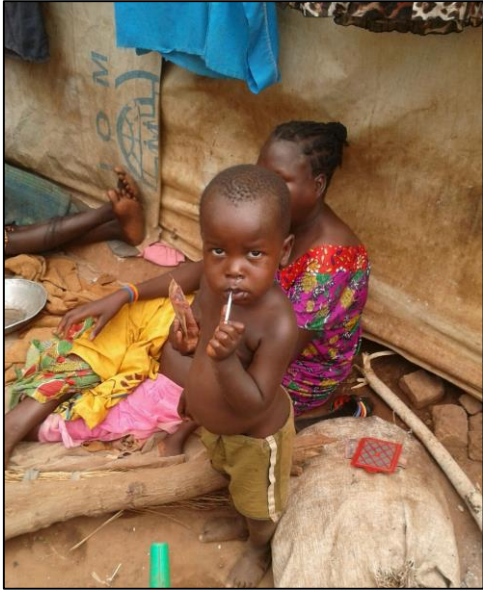
- ✓ 10 local nurses - 5 months each
- ✓ 6 local midwives - 5 months each
- ✓ 6 local medical assistants - 5 months each
- ✓ 8 community local health workers - 5 months each
- ✓ Rehabilitation of 4 health centers near the town of Wau
- ✓ Supply of medical drugs and equipment for about 45.000 Euros to the beneficiary structures
- ✓ Supply of medical instruments for about 12.000 Euros to the beneficiary structures



SOUTH SUDAN

STRENGTHENING SERVICES PROVIDED BY THE COMBONI HOSPITAL IN WAU IN ITS CLINICAL AND EDUCATIONAL RESPONSIBILITIES ALSO IN RESPONSE TO THE MIGRATION FLOWS OF SOUTH SUDAN

- **AICS funding:** 1.023.386,25 euro
- **Status:** in progress
- **Objectives**
 - ❖ General objective: Contribute to improved access to healthcare services with an upgraded capacity of assistance for the population of South Sudan, also to prevent migration flows out of the country and improve the living conditions of internally displaced persons.
 - ❖ Specific objective: Expand and improve some services of the Comboni Hospital in Wau that are considered priorities by local health authorities and by hospital management: polyclinic services, maternal and child health services, maintenance and supervision/management.
- **Activities**
 - ❖ Provide technical assistance and training of local nursing, obstetrics and gynecology staff; supply equipment, medicine, consumables and non-medical materials;
 - ❖ sponsorship of 7 nursing scholarships and 4 obstetric scholarships;
 - ❖ provide technical assistance for organization of the Clinical Engineering Service and for the training of local personnel in equipment and systems maintenance;
 - ❖ launch a laboratory for equipment and systems maintenance;
 - ❖ elaborate Standard Operating Procedures (SOPs) and consolidation of the maintenance service;
 - ❖ develop a five-year strategic plan for structural and organizational / functional development of the hospital



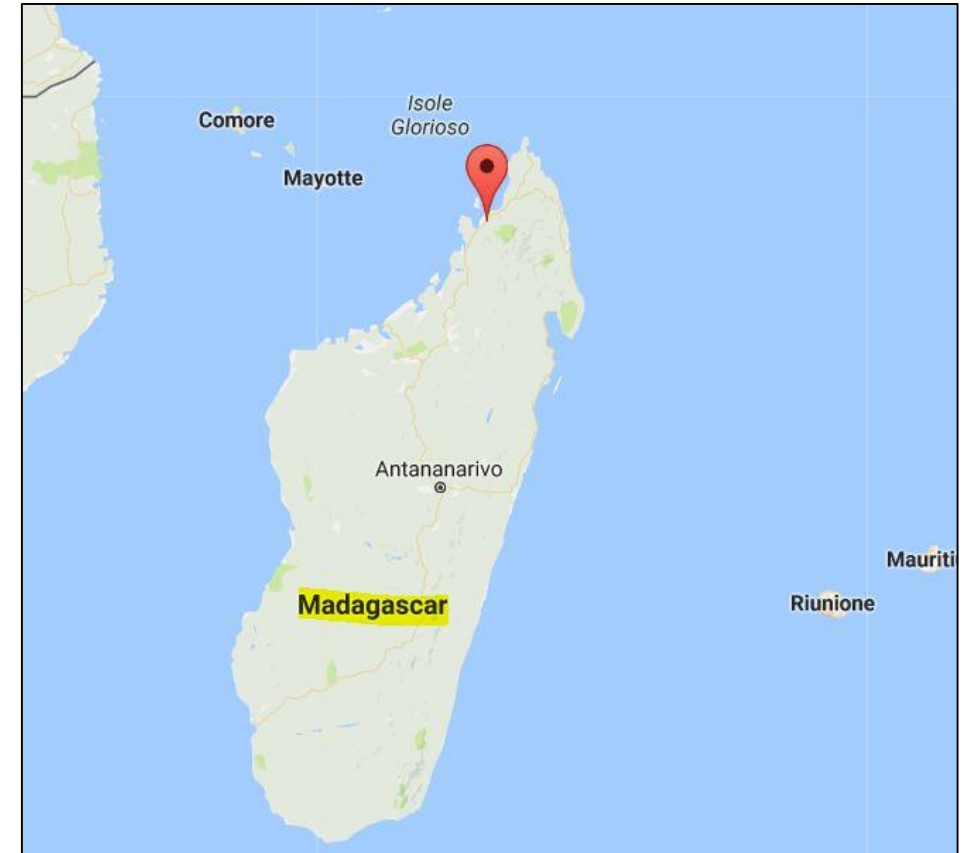


**M
A
D
A
G
A
S
C
A
R**



MADAGASCAR

- **Area:** 587.295 km²
- **Capital city:** Antananarivo
- **Population:** 22.434.363
- **Ethnic group:** Malagasy 95,5%, Makoa 1,1%, French 0,6%, other 3,4%
- **Religion:** Animism 42%, Protestant 27%, Catholic 20%, Muslim 2%, others 9%
- **Age structure:** 0-14 (40,4%) - 15-64 (54,6%) – 65+ (5%)
- **expectancy at birth:** 64,25 years
- **Number of Physicians x 1000 inhabitants** 1,4
- **Number of hospital bed x 1000 inhabitants** : 0,2
- **Literacy rate:** 64,7%

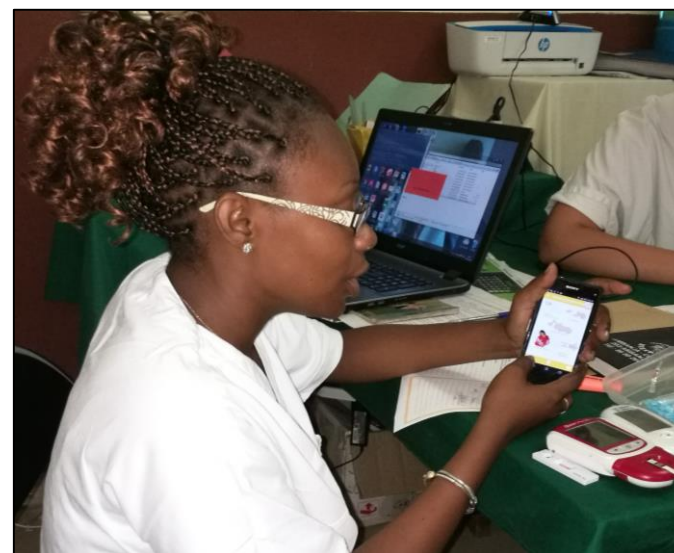
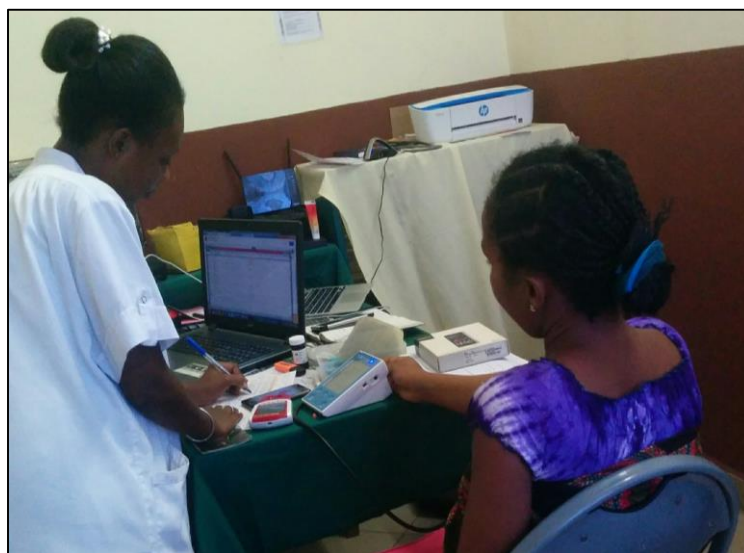


MADAGASCAR

MATERNAL AND CHILD HEALTH AT S.DAMIEN CENTER IN AMBANJA «PANDA» & «HPV» 2017 PROGRAMS

- **Chiesa Valdese funding:** 40.000 euros
- **Status:** in progress
- **Objective:** give continuity to the PANDA 2015 and 2016 programs for an improvement in maternal and newborn health of women involved in the gynecological obstetric surgery at the St Damien Center in Ambanja
- **Background:** PANDA, acronym from the English words Pregnancy And Newborn Diagnostic Assessment, is a telemedicine system that uses mobile technology (mHealth) to perform prenatal visits. PANDA allows visits to be moved into the heart of the community, in the most remote and needy areas, while maintaining the diagnosis process and treatment plan at the hospital level, where medical personnel guarantee a high quality of follow-up. The Mobile Health system consists of a smartphone that guides the operator to perform standardized prenatal visits in accordance with WHO guidelines, collecting personal and medical history, performing measurements (blood pressure, weight, height, temperature) and rapid tests (HIV, syphilis, malaria, hemoglobin, glucose). One photovoltaic charging backpack (PANDA Point of Care) contains the diagnostic instruments connected via Bluetooth or NFC cell phone. Once the data is collected, they are sent with a simple click of the reference hospital. The verification obstetric units material and tests, develop the follow-up for each woman and map the target population for risk, expected date of birth and other indicators collected during prenatal visits (PANDA Medical Unit)





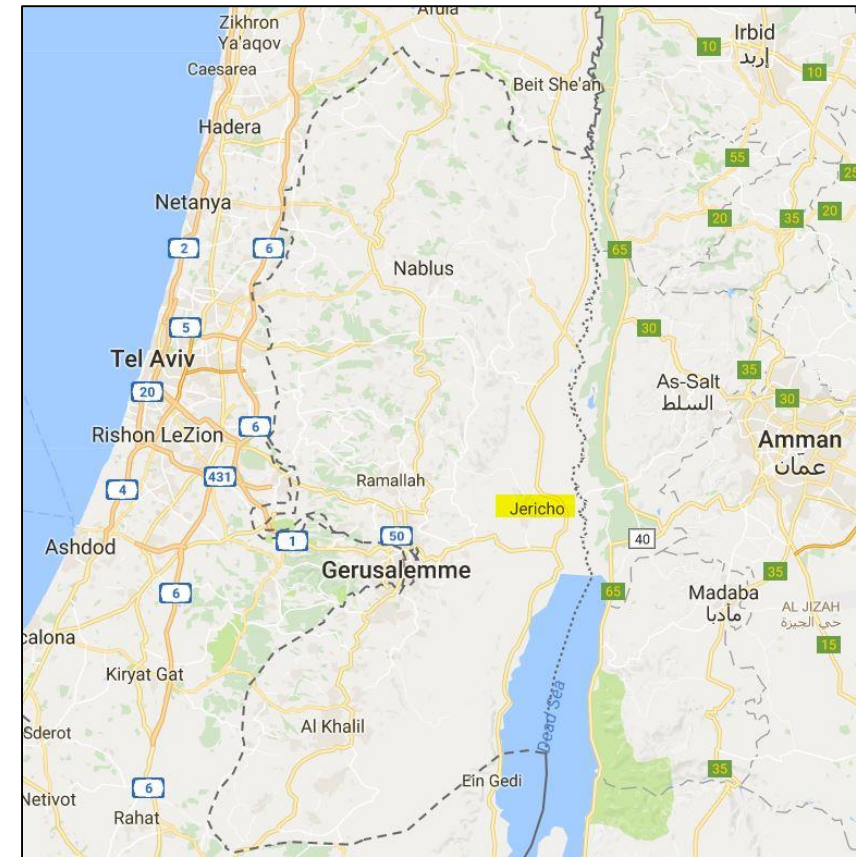


**P
A
L
E
S
T
I
N
E**



WEST BANK – PALESTINIAN TERRITORIES

- **Area:** 5.655 km²
- **Capital city:** Bethlehem (Bayt Lahm)
- **Population:** 2.862.485
- **Ethnic group:** Arab and others 83%, Jewish 17%
- **Religion:** Muslim 75%, Jewish 17%, Christian and others 8%
- **Age structure:** 0-14 (33,1%), 15-64 (41,4%), 65+ (5,3%)
- **Life expectancy at birth:** 75,2 years
- **Literacy rate:** 92.4%



WEST BANK – PALESTINIAN TERRITORIES

INCLUSIVE DEVELOPMENT IN EDUCATION, HEALTH AND SOCIAL PROTECTION - IN DEPTH (AID 010350)

- **MAECI funding:** 456.042 euro
- **Status:** concluded in April 2018
- **Objective:** promote the rights of people with disabilities in Palestine. In particular promoting inclusive policies and practices at institutional level, shared with civil society.
- The project is implemented together with the Palestinian NGO Qader and intends to spread the MOVE program (Mobility Opportunity Via Education - MOVE for learning and life) throughout the West Bank, introduced on an experimental basis in the Nursing degree course at the University of Bethlehem and Hebron.
- MOVE has been applied internationally for more than thirty years and was designed to develop the possibilities of individual autonomy and capacity for movement and learning using the minimum technology and maximum participation of family members, social workers and education operators for children with severe and multiple disabilities. The program sets, along with the parents, autonomous goals. All objectives are pursued through the daily practice of simple physiotherapy exercises to perform at home with the help of family members, social workers and the initial support of a physiotherapist.

■ Activities

- establishment of the MOVE Program at the Ministry of Rehabilitation Centers of Social Affairs and Inclusion of MOVE University;
- mapping schools in the West Bank and adjustment / creation of a date-based MoE of students with disabilities;
- review and proposed changes in school curricula to MoE (Ministry of Education);
- outreach activities in communities and institutions on the rights of persons with disabilities;
- training manual on the use of violence and abuse of children with disabilities to MoE / Meuse / MoH operators;
- adaptation / creation date-based MoH collecting data on disability and training of operators;
- support and training for the staff of the basic health centers in the districts of the Ministry of Health for the adoption of the International Classification of Functioning;
- Assist with operating costs / logistics / visibility of the project.

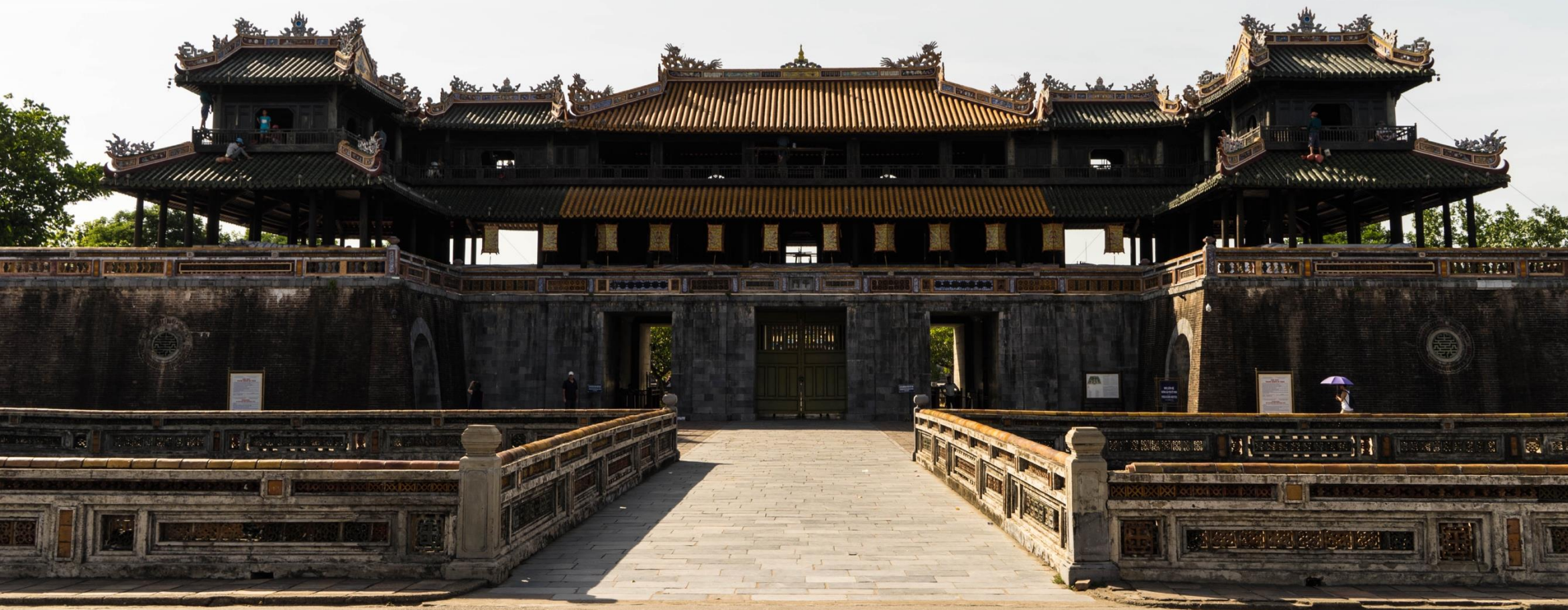




January – December 2017

- ✓ 1 mission of expert from Italy
- ✓ 2 monitoring missions
- ✓ 1 local interpreter - 12 months
- ✓ 1 local administrator - 12 months
- ✓ 1 local coordinator MOVE -12 months
- ✓ 1 local expert on disability policies - 12 months
- ✓ 1 local consultant Advisory Teachers Manual - 2 months
- ✓ Supply of equipment for rehabilitation children with disabilities for a value of 3.800 Euros to the Centre Hogar Niño Dios Bethlehem and to the Community Center of Jericho



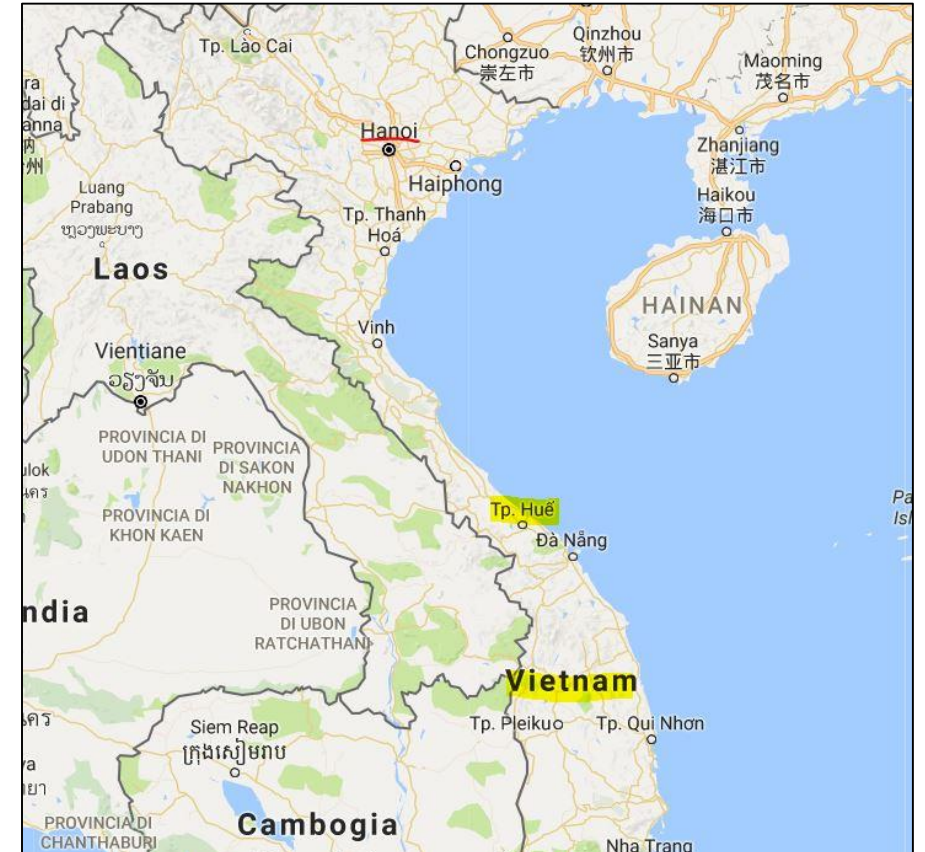


V
I
E
T
N
A
M



VIETNAM

- **Area:** 331.210 km²
- **Capital city:** Hanoi
- **Population:** 92.477.857
- **Ethnic groups:** Kinh (Viet) 85,7%, Tay 1,9%, Thai 1,8%, Muong 1,5%, Khmer 1,5%, Hmong 1,2%, Nung 1,1%, other 5,3%
- **Religion:** Buddhist 9,3%, Catholic 6,7%, Hoa Hao 1.5%, Cao Dai 1.1%; Protestant 0,5%, Muslim 0,1%, none 80.8%, Roman Catholic 41,9%, Protestant 42%, Muslim 12,1%, Other 29,6%
- **Age structure:** 0-14 (24.6%), 15-64 (69.8%), 65+ (5,6%)
- **Life expectancy at birth:** 72,6 years
- **Number of phisicians x 1000 inhabitants :** 1,2
- **Number of hospital bed x 1000 inhabitants :** 2,2
- **Literacy rate:** 93.4%



VIETNAM

PROJECT 'CARLO URBANI' - CAPACITY-BUILDING TRAINING AND ORGANIZATION OF AN INTERNATIONAL INSTITUTE FOR BIOMEDICAL RESEARCH AND BIOTECHNOLOGY AT THE HUE UNIVERSITY OF MEDICINE AND PHARMACY. – PHASE IV (AID 009922)

- **MAECI funding:** 349.890 euros
- **Status:** concluded in February 2017
- **Objective:** support the fight of genetic communicable diseases through the development of training activities and advanced research
- This stage is the last of the three carried out under the project "Creation of a training center, research and reference for the control of respiratory infections in central Vietnam in memory of Carlo Urbani" that has set itself the objective of organizing, operationalizing at Hue Medicine Center of the College to improve training capacity, research and reference therapy for the control of respiratory infections in Central Vietnam.
- **Activities:**
 - organization and realization of a two-year Master in Medical Biotechnology for 37 students. To date 18 students have completed the Master with the discussion of the dissertation and 19 students are enrolled in the course of studies. They proceeded to teaching 7 Italian and 11 Vietnamese professors;
 - Provided 10 scholarships for training activities in Italy at the Departments of Biomedical Sciences and Veterinary Medicine of the University of Sassari;
 - Development of research projects in diagnostics and molecular epidemiology
 - Provision of 18 PhD (International PHD in Molecular Sciences and Biotechnology): 9 are PhDs, 9 are PhD students



Two year Masters program in Medical Biotechnology

HUÈ UNIVERSITY OF MEDICINE AND PHARMACY



VIETNAM

IMPROVEMENTS OF HEALTH SERVICES IN SELECTED PROVINCES OF CENTRAL VIETNAM. HUÈ UNIVERSITY OF MEDICINE AND PHARMACY - IN COLLABORATION WITH UNISASSARI

- **AICS funding:** 450.000 euro
- **Status:** in progress
- **Objective:** consultancy for architectural design and supervision of civil works; training at the Medicine and Pharmacy University of Huè
- Architectural design:
 - revise the master-plan of existing studies and feasibility
 - provide adequate technical support for the design of a new 7 floor hospital building
 - preparation of tender documents and preliminary draft for an infection control unit
 - provide technical assistance
 - preparation of annual work reports for project management coordination unit (CPMU) and the donor, during the period of construction activities
- Training:
 - identify and develop training modules to support the field of biomedicine
 - manage scholarships for Vietnamese students and organize training modules in Vietnam for a period of two years
 - provide distance learning and e-learning courses, multimedia conference room, bioinformatics lab and software needed to run the courses



**E
G
Y
P
T**



EGYPT

- **Area:** 1.010.408 km²
- **Capital city:** Il Cairo
- **Population:** 87.963.276
- **Ethnic group:** Egyptians 99,6%, others 0,4 %
- **Religion:** Muslim 89%, Orthodox 10%, Protestant 1%
- **Age structure:** 0-14 (31,9%), 15-64 (60%), 65+ (8,1%)
- **Life expectancy at birth:** 70,91 years
- **Number of physicians x 1000 inhabitants :** 3,9
- **Number of hospital bed x 1000 inhabitants :** 0,5
- **Literacy rate:** 75,8%



EGYPT

TECHNICAL ASSISTANCE PROGRAMME AT "PORT SAID NURSING SCHOOL" - (AID 10025)

- **Status:** in progress (second of three years)
- **MAECI funding:** 599.805 euros
- **Objective:** increase the coverage of health services and improve health care in the Governorate of Port Said and in neighboring areas by improving the skills and performance of nursing staff. The project aims to strengthen the functioning of the Institute for Technical Training of Port Said Nursing through teacher training and the strengthening of the basic two-year period of the school through continued education, distance learning and operational research.

The initiative is geared to trainings at different levels:

- training of trainers: the beneficiaries are the teachers of Nursing (theoretical teaching school through distance learning methods);
- training of trainers: tutors and mentors in educational activities of practical training;
- organization of training periods at Italian and international academic institutions of excellence ;
- providing tools / teaching aids for school nurses;
- development of research activities related to the priority themes of health care;
- organization of workshops / conferences for the dissemination of the results of research projects;
- organization of expert missions from Italy to coordinate and develop the on-site activities.



During the first year of activities approximately 400 nurses of the 887 nurses working in the Governorate of Port Said were trained, feedback was positive all round. The strengths of the courses were definitely the new teaching methodology, the training contents, the use of videos, mannequins, infusion pumps for the training and the possibility of interaction with the teacher.

❖ **PURCHASES**

- the purchase of several volumes has been done for the library, used primarily by students enrolled at the Institute. The choice was based on the basic materials and the instructions of university teachers.
- for the courses, technical and computer equipment such as data show, camera, two computers for the computer lab and two laptops for the secretariat were purchased. In addition, material for the workshops was provided (two junior manikins for simulation).

❖ **SCHOLARSHIP**

- selection criteria for nurses have been identified for this activity of the project. 3 students per year with an age between 28 and 40 years will be sent to Italy for the training activities . In November 2016 Mr Hanaa El Sayed participated in the first scholarship carried out in the University of Sassari, lasting one month. The teacher was able to learn training methods used at the Faculty of Nursing, to learn about the content of curricula and to attend lectures.

❖ CONTINUOUS TRAINING

- A total of 11 training courses were carried out continuously, aimed at nurses working in public facilities, mainly in the Port Said Governorate.

❖ TRAINING FOR TRAINERS, TUTORS, MENTORS

- This activity has involved many teachers, tutors and supervisors working at the PSNI and in the various hospitals. For them it was possible to attend the courses in English and the training program was focused on the aspects of education.





**S
U
D
A
N**



SUDAN

- **Area:** 1.844.797 km²
- **Capital city:** Khartoum
- **Population:** 38.435.252 (stimated)
- **Ethnic group:** Arabs and Nilotics
- **Religion:** Muslim 97%
- **Age structure:** 0-14 (40,2%), 15-64 (52%), 65+ (7,8%)
- **Literacy rate:** 58,6%
- **Number of physicians x 1000 inhabitants :** 0,1
- **Number of hospital bed x 1000 inhabitants :** 0,8



SUDAN

PORT SUDAN - SUPPORT TO THE DEVELOPMENT OF HUMAN RESOURCES IN THE HEALTH SECTOR IN THE RED SEA STATE

- **AICS funding:** 1.955.236 Euro
- **Status:** in progress
- **Objectives**
 - ❖ Strengthening of the "Academy of Health Science" through teaching skills: technical and laboratory assistants, midwives, medical assistants and nurses
 - technical assistance through long missions of a health expert / health coordinator
 - technical assistance through short missions of experts in various disciplines and for activities related to education and for those related to the organization and functionality of the internship locations departments (development of operating procedures, protocols)
 - support to the organization of courses for "laboratory technicians", for medical students in the field of microbiology, bacteriology, virology, etc ..
 - technical assistance and distance learning from a health expert
 - technical assistance of a Sudanese medical expert high professional profile, for the entire duration of the project
 - financial contribution to the running costs of AHS of Port Sudan
 - provision of specialization scholarships at AHS / universities in Khartoum to AHS teachers
 - provision of a two month scholarship in Italy for 3 people per year



- ❖ Improve the General Hospital of Port Sudan in some departments such as practical training units for AHS students (Maternal Hospital, Pediatric Hospital and Central Laboratory)
 - technical assistance and training of a construction expert for 3 months / year in the supervision of the civil works
 - priority / urgent rehabilitation of pediatric and maternity wards, and laboratories at General Hospital of Port Sudan
 - supply of equipment and furniture to the health departments at point above
 - economic support for supplies (contribution for drugs, reagents and consumable medical materials, equipment maintenance)
 - introduction of clinical guidelines and protocols in accordance with "international best practices"
- ❖ Launch of the Hospital University research lines in Port Sudan, in collaboration with scientific institutes and research excellences, both Italian and international.
 - technical assistance from the University of Sassari, with university professors and researchers, on the field and from Italy
 - development of applied scientific research lines (as epidemiological knowledge on communicable diseases, research on antibiotic resistance)
 - registration of 3 teachers / researchers of the Faculty of Medicine / General Hospital specialists to a 18 months master in Khartoum, for professional training and acquisition of skills in the field of research.
 - elaboration of scientific documentation and publications in international journals.

Opening of the Academy of Health Science



Opening of the Obstetric Teaching Hospital



SUDAN

SUPPORT TO MEDICAL EDUCATION OF PUBLIC INSTITUTIONS IN KASSALA STATE

- **AICS funding** : 1.478.419 Euro
- **Status**: in progress
- **Objectives**
 - ❖ Strengthening teaching and research in the field of communicable diseases at the University of Kassala
 - technical assistance (including training activities) on site by skilled Italian staff. The experts will provide assistance mainly to the laboratory of the Teaching Hospital, but if necessary also to those of AHS and the University of Kassala. In particular, microbiological diagnostic methods, immunological and molecular, will be improved in order to align them with international standards
 - supply of equipment and laboratory instruments to develop diagnostic methods referred to above
 - sponsorship for participation in the course of molecular methods organized by the project at the University of Khartoum, for the teachers of the Faculty of Medicine of Kassala.
 - developing protocols for quality assurance in the university laboratory and in the General Hospital laboratory, the apprenticeship for college students.



❖ Improve teaching offer at the Academy of Health Science of Kassala

- technical assistance (including training activities) on site by skilled Italian staff.
- organization of a training course for Laboratory Assistant
- organization of a training course for Laboratory Technicians

❖ Improving capabilities in molecular diagnostics University in Khartoum and the Mycetoma Centre in Khartoum

- technical assistance (including training activities) on site by skilled Italian staff in molecular methods
- supply of equipment and laboratory instruments to develop the method of points above
- organization of a period of professional training at hospitals / Italian universities for two teachers (2 people for 2 months / year)
- developing lines of research applied to obtain epidemiological data, particularly on the incidence of mycetoma, with the development of molecular diagnostics in collaboration with the International Mycetoma Center in Khartoum.

❖ Improved ability of the Teaching Hospital laboratory services

- introduction / refinement of laboratory techniques
- supply of equipment
- support for the operation of services
- supply of materials, guidelines and protocols for the strengthening / introducing innovative laboratory methods
- introduction of quality control protocols

Rehabilitation of the microbiology laboratory at Kassala University



Training workshop in E.L.I.S.A.





S
I
E
R
R
A

L
E
O
N
E



SIERRA LEONE

- **Area:** 71.740 km²
- **Capital city:** Freetown
- **Population:** 5.978.700
- **Ethnic group:** Temne 35%, Mende 31%, Limba 8%, Kono 5%, Krio 2%, Mandingo 2%, Loko 2%, other 15% (includes refugees from Liberia's recent civil war)
- **Religion:** Muslim 78%, Protestant 13,6%, Catholic 7,1%, Others 1,3%
- **Age structure:** 0-14 (41,8%), 15-64 (54%), 65+ (3,7%)
- **Life expectancy at birth:** 45,3 years
- **Number of physicians x 1000 inhabitants :** 0,02
- **Number of hospital bed x 1000 inhabitants :** 0,4
- **Literacy rate:** 48,4 %



SIERRA LEONE

CREATION OF THE FIRST TRANSFUSION CENTER IN SIERRA LEONE

- **AICS funding:** 1.365.347,37 euro
- **Status:** in progress
- **Objectives**
 - ❖ General objective: Ensure the accessibility to blood and safe derivative products for patients in need, particularly to women, nursing mothers, infants and children.
 - ❖ Specific objective: Improve transfusion services and ensure the availability of blood, with priority to the Freetown area.
- **Activities**
 - ❖ Develop working drawings for and construct the first Transfusion Center in Sierra Leone at the Connaught Hospital in Freetown;
 - ❖ supply the equipment, consumables and reagents for the transfusion center;
 - ❖ organize a long mission for technical assistance by a laboratory expert with experience in blood transfusion services and a short mission for technical assistance by an expert in hospital management;
 - ❖ sponsorship of 6 scholarships, for two months each, for laboratory operators at the Transfusion Center of San Raffaele Hospital in Milan;
 - ❖ develop and introduce clinical protocols and prepare Standard Operating Procedures (SOPs) for the transfusion center;
 - ❖ train personnel involved in methods of production of blood derivatives



HOW TO SUSTAIN OUR PROJECTS

In addition to our institutional donors, our projects rely on help of individuals, companies or foundations which support them with monetary contributions.

To make a single gift by bank transfer:

Banca di Credito Cooperativo di Barlassina

IBAN **IT13 E083 7432 4800 0000 0103 514**



5x1000 for A.I.S.P.O.

CF: 97032410157



A.I.S.P.O.

Associazione Italiana per la Solidarietà tra i Popoli

Italian Association for Solidarity among People

Via Olgettina, 58 - 20132 Milano (IT)

Tel +39.02.2643.4481 Fax +39.02.2643.4484

www.aispo.org