



IRAQ

Area: 435,100 Km²

Population: 40.22 million

Annual population growth: 2.3 %

Access to electricity (% with access): 100%

Expected years of schooling: 11.3

Human Development Index: medium

Sources: World Bank Country Profile
Human Development Index
World Bank Global Electrification Database



In Iraq since 2009 with hydrocarbon development activities, Eni works closely with Basra Oil Company to create wellbeing and stability, helping to improve the Country's health system services in the city of Basra and adapt them to international standards.

The company is also launching initiatives to support local schooling: the Al Burjesia high school was inaugurated, which will host up to 900 female students, and, in 2020, construction began of a new school in Zubair City.

Finally, the renovation of two water plants continues, with the aim of reaching approximately 30 million liters of drinking water distributed per day



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ACCESS TO WATER, SUPPORT IN BASRA

According to UNICEF, due to a combination of socio-economic and climate risk factors, some of the governorates most affected by water scarcity are in the southern part of the Country. Among these is Basra, which has 4.5 million inhabitants. The Iraqi National Development Plan (2018-2022) identifies specific targets to address the water situation in the Country, including “providing drinking water according to international per capita consumption standards, renewing clean water networks and improving their distribution, improving employee skills to keep up



with the management and implementation of modern water projects”. In consideration of the above, the Iraqi Basra Oil Company BOC and Eni, in agreement with the local authorities, are supporting the Country’s plan to cope with the

water crisis in the Basra Governorate with the construction of two infrastructure projects: the water treatment plants of Al Baradhiya (by July 2022) with the installation of two new treatment trains with a capacity of 800 m³/h of drinking water and the revamping of the Al Burjesia reverse osmosis plant to produce 400 m³/h of drinking water (Zubair district). Eni is also working with various partners in the water sector to provide the knowledge and tools that will ensure the long-term sustainability of water infrastructure investments.



TIMELINE: 2020 – ongoing

OBJECTIVE: to ensure the availability and sustainable management of water, health and sanitation for the population of the Governorate of Basra in Al Baradhiya (governorate of Basra).

RESULTS AND BENEFICIARIES:

- two new treatment trains with a capacity of 800 m³/h of drinking water installed in Al Baradhiya;
- Al Burjesia reverse osmosis plant for the production of 400 m³/h of drinking water (Zubair district) modernized;
- approximately 89,000 people will benefit from drinking water supply.



TIMELINE: 2015-2021

OBJECTIVE: to increase access to primary and secondary education for Al Zubair students by improving the school environment.

RESULTS AND BENEFICIARIES:

- 20 schools rehabilitated – over 15,000 students reached;
- construction of the Al Burjesia secondary school.

AN EDUCATION STRATEGY



To help increase access to education in the schools of the Basra Governorate/Zubair District, Eni has created a partnership between the Ministry of Oil, the Basra Oil Company (BOC) and local education authorities. Iraq adheres to the United Nations Development Agenda, which plans to “build and strengthen educational structures that are sensitive to the needs of children, disabilities and gender equality, and to organize environments dedicated to learning that are safe, non-violent and inclusive for all”. In line with this goal, BOC and Eni have designed an education strategy that works on school infrastructure in two ways: 1) restructuring and upgrading existing structures to bring them up to standard; 2) building new school infrastructures in line with the most recent sustainable

technologies, considering national parameters and the cultural context, to deal with a situation of chronic overcrowding; more than 20 primary and secondary schools have been restructured to solve the overcrowding problem. Al Burjesia High School, which opened in January 2020, will provide a safe and healthy learning environment for 900 female students. This tangible testimony of our partnership has been adapted for disabled children and is equipped with electricity, Internet connection, personal computers, drinking water, and sanitation facilities. Furthermore, from 2021 to 2025, through the Teach for Future project, Eni and BOC will contribute to improving the quality of teaching primary school students of the Municipality of Zubair.

A PERMANENT POWER GENERATION PLAN



The Permanent Power Generation Plant (PPG) project was originally created to meet the electricity needs of the Zubair field Oil & Gas plants as an isolated network.

To meet Basra’s high energy demand and cope with power outages, BOC and Eni Iraq have expanded the scope of the project with the construction of a new overhead transmission line specifically designed and built to connect the Permanent Power Plant (PPG) to the Iraqi national grid. The overhead transmission line was built with the purpose to divert to the Basra province, when needed, all the electricity generated by the Zubair plant.

TIMELINE: 2017-2021

OBJECTIVE: ensure access to affordable, reliable, sustainable and modern energy systems with the design, engineering, construction and commissioning of a power plant and the supply of key equipment.

RESULTS AND BENEFICIARIES:

- total capacity of 500 MW, with a possible extension to 600 MW, to meet the needs of Zubair;
- capacity building and job creation, 400 MW transferred to Iraq’s national grid reaching 2,409,639 people.

SPECIALIST HEALTH SERVICES



Southern Iraq's current health situation, especially in government and public facilities, does not allow for equal and international standard access to many medical specialties.

In 2017, Eni launched initiatives to support the Health Directorate of the Governorate of Basra.

The project's objectives include the development of specialist services, the improvement of treatment infrastructure, with the construction of the New Nuclear Medicine Ward, the first government nuclear oncology diagnostic center in southern Iraq, and personnel training.

TIMELINE: 2017 – ongoing

OBJECTIVE: improve access to nuclear diagnostics, increase oncological and cardiological screenings, and give southern Iraq a nuclear medicine center of excellence to support diagnostics and treatment in various medical sectors.

RESULTS AND BENEFICIARIES:

- construction of a state-of-the-art nuclear medicine center;
- creation and training of a medical team under the supervision of the nuclear medicine team of Niguarda Hospital in Milan;
- 4 million possible beneficiaries in southern Iraq.

SUPPORT FOR THE HEALTH SYSTEM



The Basra Children's Cancer Hospital project aims to support the local health system, including the refurbishment of the essential facilities of the existing pediatric hospital, support for know-how exchange, and hospital team support and training by the Pediatric Hospital Giannina Gaslini of Genoa.

Meanwhile, the project will also support the construction of a new pediatric oncohematology pavilion, with 25 beds and selective isolation workstations on two levels. The new hospital pavilion will allow for a 30 percent increase in hospitalizations.

TIMELINE: 2018 – ongoing

OBJECTIVE: improve access to healthcare services and provide childhood cancer medicine diagnostic and therapeutic support.

RESULTS AND BENEFICIARIES:

- 700 patients that the Basra Children's Cancer Hospital can admit including visits and hospitalizations;
- 4 million inhabitants in the Basra Governorate and neighboring areas in the hospital's catchment area.

A word from the protagonists

THE TEACH FOR FUTURE PROJECT, PROMOTED BY ENI AND BASRA OIL COMPANY, AIMS TO IMPROVE THE QUALITY OF TEACHING FOR PRIMARY SCHOOL STUDENTS IN THE MUNICIPALITY OF ZUBAIR

We all now know that education makes everyone capable of creativity and innovation. The educational project that Eni wants to undertake (TeachForFuture: the future of Zubair is in my classroom today) is aimed at improving the general education level in Basra's Zubair District, as well as the children's academic performance.

To implement this great project, we trust in the collaboration and concerted efforts of all parties involved. The only difference between advanced and backward societies is education percentage; we all must unite in the pursuit of this goal.

On behalf of our Zubair District communities, we thank Eni for its continued support of education, and, with God's help, we trust in the success of this programme.

HASSAN HACHAM DIRECTOR OF ZUBAIR EDUCATION



THE RESPONSE TO COVID-19



- DISTRIBUTION OF FOOD PARCELS TO LIMIT OUTINGS AND AGGREGATIONS DURING RAMADAN**
- Delivery of 5,000 food parcels distributed in Zubair City to benefit 2,500 families
- DONATION IN SUPPORT OF DISTANCE LEARNING FOR THE UNIVERSITY OF BASRA TO STUDENTS WITH CONNECTION DIFFICULTIES**
- Donation of 60 laptops
 - Donation of 400 Huawei Pads with associated SIM cards
 - Server system support

SUPPORT TO VULNERABLE COMMUNITIES WITH PPE (PERSONAL PROTECTIVE EQUIPMENT) KITS AND DESCRIPTION OF CORRECT HYGIENE PROCEDURES DURING THE COVID-19 PERIOD

The project has adapted ongoing activities for the health of communities, by extending the target area and pool of beneficiaries, about 5,000 people, of Covid-19 prevention messages. Covid-19 prevention awareness campaigns have been carried out.