

MEETING THE NEEDS OF COMMUNITIES FOR INFRASTRUCTURE AND SUPERSTRUCTURE



COMMUNITIES REQUIRE VARIOUS STRUCTURES FROM TRANSPORT SYSTEMS TO ENERGY PRODUCTION FACILITIES, FROM BUILDINGS WITH VARIOUS FUNCTIONS TO DAMS IN ORDER TO MEET THEIR NEEDS, TO CONTINUE THEIR EXISTENCE AS WELL AS TO IMPROVE THEIR ECONOMIES. EVERY COMMUNITY BENEFITS FROM VARIOUS INFRASTRUCTURE AND SUPERSTRUCTURE ELEMENTS IN PROVISION OF SERVICES SUCH AS ENERGY, HEALTHCARE AND TRANSPORTATION NETWORKS WHICH IT NEEDS FOR ITS SURVIVAL AND WELFARE. THIS SITUATION PLACES INFRASTRUCTURE AND SUPERSTRUCTURE WORK AT THE HEART OF THE SUSTAINABLE DEVELOPMENT OF COMMUNITIES.

The lack of structures required to meet the vital needs of communities, such as energy, transport and other infrastructure, industrial facilities, hospitals, and schools are acutely felt in developing countries and the majority of ENKA's projects take place in these regions. ENKA has increased the social welfare of these communities by providing employment to more than 400,000 people and supporting local suppliers and firms in these regions and contributed to the development of many local economies with more than 500 oil, gas and petrochemicals, power plants, infrastructure and building projects in 46 different countries.

Since the 1970s, ENKA has completed numerous projects, most of which were constructed in developing countries with its earned experience in the design and construction of power plants and helped these countries overcome their power shortages, which was one of the greatest obstacles to their development.

Among these projects are the Adapazari and Gebze power plants, commissioned in 2002, and the İzmir power plant, commissioned in 2003, which made ENKA the largest private sector power producer of Turkey. With their 4,100 MW of installed capacity, these power plants have the potential to meet 11% of Turkey's total power consumption.

ENKA's experience in this field comprises:

- 6 Thermal Power Plants with a total installed capacity of 4,070 MW
- 13 Natural Gas Combined Cycle Power Plants with a total installed capacity of 14,296 MW
- 8 Simple Cycle Power Plants with a total installed capacity of 4,166 MW

These plants have been regarded as exemplary investment projects by global standards on account of their maximum production efficiency and minimal environmental impact ensured by the technological support systems used and in view of their technical infrastructure and the management systems in use.

ENKA has completed several energy projects in Iraq, which is going through post-war recovery and is in great need of secure power supply, it has contributed to country's national development by adding more than 4,000 MW of installed capacity to the Iraqi network with these power plants. For example, at the Dhi Qar Combined Cycle Power Plant project that is currently under way, plans have been made and implemented to complete the project at a date earlier than that was stipulated in the contract in response to the social problems which the power shortage has been causing in Iraq, with the aim of being sensitive to the needs of the community as well as fulfilling responsibilities towards the employer. This project aims to meet Iraq's energy needs, contribute to national development and increase the efficiency and quality of infrastructure services.

Among ENKA's building projects are urban development projects, hospitals, airports, factories and manufacturing facilities which are intended to meet basic needs in the countries concerned, and particularly in the Russian Federation, the Commonwealth of Independent States (CIS) and Africa. In this regard, various urban development projects have been completed in Oman, Libya, Saudi Arabia and the Russian Federation. While carrying out large-scale projects to meet the needs of communities, ENKA has also contributed to local economies by employing local workforce and supporting local suppliers and acquainted the countries with high-quality and safe engineering practices.

The Tengiz projects in Kazakhstan, for which ENKA has been undertaking engineering and construction work since 1993, provide another example of ENKA's approach to contributing to local economies. During the course of its activities in the region, it has created employment for local personnel by engaging more than 100 subcontractor firms.



The direct contributions made by ENKA projects to local economies by working with local suppliers were over USD 245 million in 2019.

ENKA with its major infrastructure projects which it has been carrying out since 1958, has provided its customers and communities with sustainable development, socio-economic growth and safe means of transport. Following the Anatolian Motorway Project which was very significant for connecting İstanbul and Ankara in the 1970s, ENKA has successfully completed major infrastructure projects, including motorways in many countries such as Albania, Croatia, Kosovo, Turkey and Romania. In 63 years, ENKA has completed motorways, bridges, tunnels, viaducts and all the necessary construction activities in Iraq, Libya, Jordan, Saudi Arabia, Croatia, Romania, Kosovo, Albania and Turkey. Thanks to the projects completed by ENKA, these regions have reached new transport channels and their economies have benefited from the resultant growth in trade and tourism.

While carrying out projects in developing regions, ENKA has always contributed to the reduction of high rates of unemployment by generating direct or indirect employment opportunities and by providing local suppliers with opportunities to provide goods and services for the projects. To this end, the projects follow transparent recruiting procedures in which employment opportunities are initially advertised among the communities affected by the project and priority is given to employment of workforce from local communities.

Local employees are provided with training opportunities to improve their technical and administrative skills in line with their fields of work. Various administrative and professional skills development training programmes developed for local employees and they also take part in additional trainings which gives them the chance to be employed for other companies in the future. Through the training provided, the local employees, most of whom had no previous experience, become competent and experienced personnel.

In addition to the work for which ENKA is responsible under the terms of the contracts, all ENKA projects made efforts to implement social responsibility and volunteering projects that contribute to the welfare of the local communities by evaluating the infrastructure and social needs of the regions where they operate. Accordingly, various social responsibility projects are conducted to meet the needs of the communities. For this purpose, social responsibility projects which have been undertaken to meet the needs of local communities in project locations have included the maintenance of school buildings, the repair of damaged roads and the construction of pedestrian crossings and bridges. For example, within the scope of the social responsibility project in 2019, a bridge was built in the village of Yelantovo in Nizhnekamsk, Russia, to ensure safe travel of villagers and children. For more information about this project and other social responsibility projects, please refer to the section of ["Social Responsibility at ENKA"](#) of this report.



In 2019, ENKA together with its joint venture partner Bechtel, was selected by the Government of the Republic of Serbia to undertake the design and construction for the Morava Corridor Motorway Project in Central Serbia, with a total length of 112 km. The project includes ten new interchanges, significant amount of structures crossing highways, railways and challenging Morava river along the route, embankments work incorporating extensive erosion protection due to the large floodplain of the river, flood prevention measures, long river diversions, dykes and the construction of a new riverbed. This new motorway project in Serbia is also of great strategic significance for economic development and investments in the region. The key benefits which the project is intended to achieve are: an increase in the export and import potential of the region, safe travel conditions and shorter travelling times; the transport of the goods of local firms to other parts of country and the world and greater opportunities to access new technologies. New economic corridors are expected to be created for the industrial city of Kruševac while the establishment of international connections with Bosnia, Montenegro and Macedonia are foreseen. A further aim is to establish connections between the municipal centres in the impact area, the more economically developed areas and touristic places in the region. Please refer to the section of ["Social Impact Assessment"](#) of this report for information on the social impact assessment of the project.

