

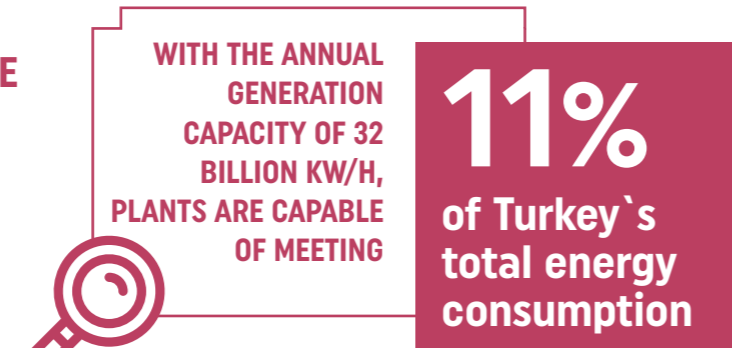
MEETING THE NEEDS OF COMMUNITIES FOR INFRASTRUCTURE AND SUPERSTRUCTURE

ENKA HAS CARRIED OUT A TOTAL OF MORE THAN 500 OIL, GAS AND PETROCHEMICALS, POWER PLANT, INFRASTRUCTURE AND BUILDING PROJECTS IN 45 DIFFERENT COUNTRIES, EMPLOYING MORE THAN 400,000 PEOPLE AND CONTRIBUTED TO THE DEVELOPMENT OF VARIOUS LOCAL COMMUNITIES MOST OF WHICH ARE LOCATED IN REGIONS FACING CHALLENGES.

Since the 1970s, ENKA has earned wide ranging experience in the design and construction of power plants and realised numerous projects, most of which were constructed in developing countries, and helped these countries overcome their power shortages, which posed one of the greatest obstacles to their development. ENKA's experience with power plants can be summed up as follows:

- Six Thermal Power Plants with a total installed capacity of 4,070 MW
- Thirteen Natural Gas Combined Cycle Power Plants with a total installed capacity of 14,296 MW
- Eight Simple Cycle Power Plants with a total installed capacity of 4,166 MW

Among these projects are the Adapazari, Gebze and İzmir power plants, which made ENKA Turkey's largest private sector power generator. Adapazari and Gebze plants were completed in 2002 and the İzmir plant in 2003 and in total, more than 7,000 people worked in the construction of these three plants at various construction stages. In 16 years of commercial operations, ENKA power plants have generated more than 430 billion kilowatt-hours of electricity and with their capacity to generate 32 billion kilowatt-hours annually, have accounted for 11% of Turkey's total electricity consumption.



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.


With the experience it obtained through these projects in Turkey, ENKA has completed several power plant projects in Iraq, which is going through post-war recovery, and these plants added more than 4.000 MW of power to the Iraqi grid. While carrying out these projects, local people were recruited to offer employment opportunities to the local community and supporting local suppliers contributed to revitalising the sector and the economy in the region.



Another example of ENKA's approach of contributing to local economies is the Tengiz projects in Kazakhstan, in which ENKA has continually been active in engineering and construction operations since 1993. At the projects, the ratio of local (Kazakh) employees has reached 92% and at no stage of the works has this ratio fallen below 70%. Approximately more than 20,000 Kazakh personnel have been employed on these projects directly since its inception and they were provided with opportunities for improving their technical and administrative skills in line with their field of work. ENKA has worked with more than 100 local subcontractor firms during its operations in Kazakhstan and provided employment for approximately 10,000 additional local personnel. More than 1.2 million person-hours of training have been provided to employees during the course of these projects and as a result, local personnel, most of whom had no previous experience, have become proficient and experienced workers.



UP TO **92%**
LOCAL
 EMPLOYMENT RATE
 IN TENGIZ PROJECTS

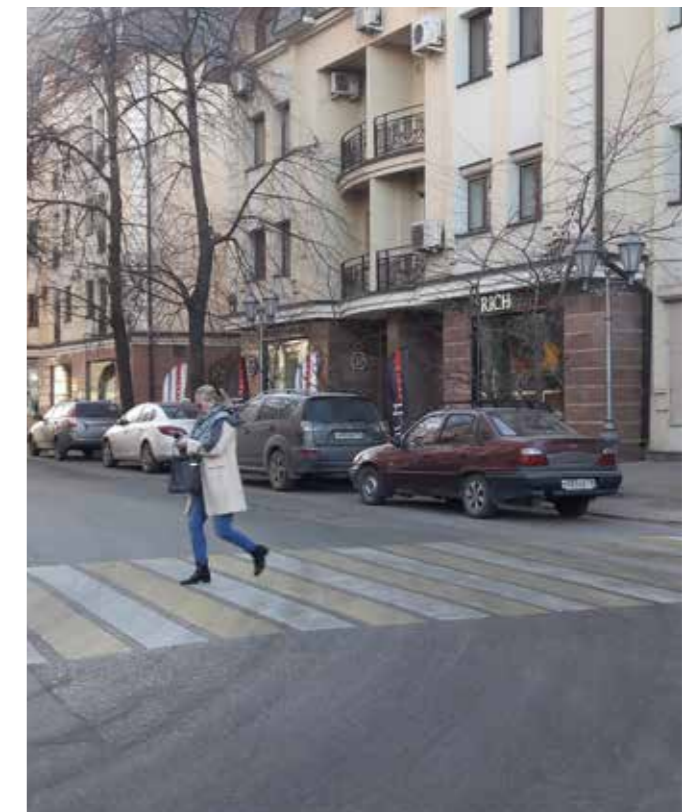



Tengiz 3GP Project

With respect to the building works business line, ENKA has worked on urban development projects, hospital buildings, airport projects, factories and production facilities, particularly in the Russian Federation, in member countries of the Commonwealth of Independent States (CIS) and supplied the countries in question with essential needs. By employing local personnel and supporting local suppliers, ENKA has contributed to local development while acquainting these countries with high quality and safe engineering practices.

ENKA's experience in infrastructure projects such as motorway, bridge and tunnel projects goes back to 1958. In the 1970s, ENKA carried out the Anatolian Highway Project, which held great importance since it connected İstanbul and Ankara and following this project, ENKA completed various motorway projects in Eastern Europe, in Croatia, Romania, Albania and Kosovo respectively. Thanks to these projects ENKA has completed, these regions gained new transport channels and the resulting development in trade and tourism has supported their economies.

At all ENKA projects efforts are made to realise social responsibility and volunteering projects aimed at the infrastructural and social needs of the regions where the projects take place. For example, at the TAIF Business Centre Project ongoing in Kazan, a crosswalks improvement work was carried out in order to facilitate local residents' use of and access to the park near the building site.





“IT WAS ŞARIK TARA WHO SHOWED ME THAT WE HAVE TO DO WHAT WE DO DIFFERENTLY FROM EVERYONE ELSE, FOR OTHERWISE WE WOULD BE ORDINARY.”

For me, working at ENKA means serving the country. The years 1976 and 1977 were years of power shortages in Turkey. In those days, Turkey's installed capacity was 4,760 MW.

I worked as deputy manager at the Turkish Electricity Administration (TEK) between 1981-84, during which I was the controller of ENKA at the Hamitabat Power Plant. It was there that I met Şarik Tara. Şarik Tara used to tell his team “Let us complete the plant as soon as possible and let the power shortages in the country come to an end. If anyone is going to make a loss, I will.” It was the first time I witnessed someone from the private sector put the country's interests before their own, which got me very excited. That power plant project was the first in the history of TEK which was completed ahead of its schedule. It lighted up the darkness in Turkey. It was there that I got to know the ENKA philosophy.

When I left TEK, Şarik Tara called me on the phone and said that I could serve the country in the private sector as well. ENKA was the one company that I had seen that put the country's interests above its own and I decided to become a member of ENKA.

We began to commercially operate the ENKA Power's system in 2003. We formed a young team and trained its members. We provided various forms of trainings for employees. The young employees carried out hands-on work with Bechtel teams and achieved tremendous success. 85% of our employees were new graduates.

Şarik Tara and Sinan Tara attached great importance to engineering. They have always invested in the development of engineering. They said that we should prove the quality of our engineering with petrochemical facilities and power plants.

It was Şarik Tara who showed me that we have to do what we do differently from everyone else, for otherwise we would be ordinary. We believe that we should do business by making a difference, producing value added beyond what everyone else produces.

We realised that HSE isn't just about boots and hard hats, that it is a value in its own right, and by observing and assessing international practices, we put HSE at the centre of our work. By ensuring that our understanding of HSE has a place in the minds of all our employees, we internalised HSE into our processes. We trained the subcontractors from, which we procured services, on HSE and developed the capacity of our business partners with our policies and the training we provided.

Our aim is always doing the best work, doing it at superior quality. We want to be happy with the work we do ourselves and want this to be reflected in our output. We made efforts to complete high quality work on time and to meet the demands of people in the best possible way.

We listened to requests of employees and other stakeholders in all we did, examined the problems and acted as technical

guides in the field. We touched people's lives and increased their motivation, which reflected positively on our work.

We always cared about the environmental dimension of our business. Our philosophy is always to plant trees in empty spaces. Among our foremost duties in the environmental context are minimising waste and ensuring its disposal in line with rules established by the laws. Throughout the power plants there are the necessary collection and storage spaces for hazardous and non-hazardous waste. We ensure the disposal of waste in line with the rules established by the Ministry of Environment and Urbanization.

We have invested at the İzmir and Adapazarı power plants to minimise water consumption. We used to draw water from the facility built by Petkim for cooling water at the İzmir plant. We then realised the value of that type of water and decided to seek another solution. We began to use sea water for cooling. We used water drawn from the sea for the process. We began producing cooling water from the sea through desalination.

We invested in AGP (Advanced Gas Path) projects to minimise stack gas emissions.

ENKA Power has also contributed to education in nearby villages. It invested in schools, mosques and healthcare clinics. We have developed working relationships with universities and taught courses to share our experience. We hosted students from Sakarya University at our facilities, and likewise in İzmir.

We raised a lot of well-qualified people. We raised the young engineers whom Şarik Tara decided to employ as valuable individuals for Turkey.

As Şarik Tara wanted us to support local firms, we supported local suppliers, offered them opportunities at our projects and the means to develop themselves. Today, four of the local firms we used to support, do business on the international scale.

Today, we have a well-qualified team consists of 84 engineers and nearly 160 graduates of Vocational School of Higher Education. This team is the future of ENKA. It is a high value added team. For as long as we have this team, we will continue to be the industry leader.

Sustainability as a philosophy was always integrated to our business processes. We have implemented it for as long as we have been at ENKA and we considered working as virtue.

We have raised many engineers, we have supported the development of many firms and we are proud to have done so.

Tahsin Kösem

ENKA Power Plants Operation & Maintenance Manager