



PUBLIC INFRASTRUCTURE

Photo: UNDP Brazil/Jacob Said

BRINGING INDUSTRY STANDARDS TO DEVELOPMENT

UNOPS strives to bring international best practice in construction to its infrastructure projects.

With sustainable design and construction techniques, UNOPS ensures buildings are architecturally appropriate for the environment and culture where they are constructed.

UNOPS implements projects in more than 80 countries, from Somalia to the State of Palestine to Myanmar. An extensive portfolio of completed projects showcases UNOPS capacity to produce effective designs for schools, hospitals, bridges, water supply services, courthouses and waste management facilities, among others.

In addition, UNOPS has developed contracts for works based on those used by the International Federation of Consulting Engineers, but tailored for the development environment. These help UNOPS to ensure quality contractor performance, better control of the construction process and reduced risk for partners.

WHY UNOPS

- UNOPS has been awarded ISO 14001 certification for implementing infrastructure projects in a way that mitigates environmental damage. ISO 14001 is the world's most recognized environmental standard. In order to achieve ISO 14001 certification, the UNOPS Sustainable Infrastructure Practice Group developed an Environmental Management System (EMS) to help project managers monitor and control the environmental impact of their projects. The EMS is gradually being adopted by UNOPS offices around the world.
- UNOPS is a member of the International Aid Transparency Initiative and all our management services meet the highest international standards of transparency and accountability.
- UNOPS operates as a self-financed provider of implementation services. This prompts efficiency and financial discipline, and accountability to the expectations of its partners and local stakeholders.

TYPICAL PRODUCTS & SERVICES

- Schools
- Hospitals
- Courthouses
- Prisons
- UN buildings



World-class, high security prison constructed by UNOPS in Kosovo, funded jointly by the Government of Kosovo and the European Commission. **Photo:** UNOPS

DISASTER RISK REDUCTION & RECOVERY

TRANSPORT INFRASTRUCTURE

PUBLIC INFRASTRUCTURE

COMMUNITY INFRASTRUCTURE

EXPERTISE

We can provide support to our partners through:

- Assessments
- Design and planning
- Construction management
- Operations and maintenance
- Advisory services

OUR APPROACH

PARTNERSHIPS WITH INDUSTRY LEADERS

For large-scale and complex infrastructure projects, UNOPS often collaborates with Arup, a global architecture and engineering firm, with a not-for profit, international development arm. The global law firm DLA Piper, which has lawyers in 30 countries, provides pro bono legal expertise and support to UNOPS infrastructure works.

ENVIRONMENTAL SUSTAINABILITY

In planning its operations, for both simple and complex projects, UNOPS pays particular attention to ensuring that infrastructure environmental sustainability measures are used. This leads to more durable buildings that use fewer resources.

When constructing the new UNDP premises in Brasilia, for example, UNOPS designed the building to save energy through a combination of shades to cool the interior and direct sunlight to warm it. UNOPS also procured energy-saving air-conditioning units and water-saving taps. Water management is a growing feature of UNOPS construction services: a number of projects include rainwater capture systems and irrigation plans.

ADVISORY SERVICES

UNOPS develops best practice in infrastructure with its partners in humanitarian and development projects.

UNOPS has a proven track record in enhancing the management and technical capacity of public authorities to ensure better planning, design, development and maintenance of physical infrastructure.

CASE STUDY: PROVIDING BETTER ACCESS TO HEALTH CARE IN NICARAGUA

A large new teaching hospital is being built in Nicaragua to improve access to medical services for the local population.

The project is being executed by the Cuerpo Médico Militar on behalf of the Government. UNOPS is providing advisory services for its construction, as well as procurement services for the necessary equipment. To ease the transition of staff from another smaller hospital, UNOPS has provided project management expertise to develop a system that supports the day-to-day administration and technical management of the new hospital.

The building will comply with strict anti-seismic standards and a water treatment plant will be constructed so that water can be reused for irrigation purposes. Other partners will provide solar panels for water heating and support the project with disaster risk reduction training.



A total of 225 permanent primary schools and 1,467 classrooms were built by UNOPS in Aceh province and Nias Island, Indonesia, to help the country recover after the 2004 tsunami. The project was delivered on behalf of the Indonesian Government and the United Nations Children's Fund (UNICEF).

Photo: UNOPS/Dixie

“The National Technical Office for Building Reconstruction Standards has enjoyed efficient and high quality technical support from UNOPS.”

Alfred Piard, Director of the Department of Public Works, Transportation and Communications, Haiti.

QUICK FACTS

From 2010-2012, UNOPS constructed or rehabilitated:

- 202 schools
- 29 hospitals
- 32 courthouses
- 22 prisons

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