

TRANSPORT INFRASTRUCTURE

Photo: UNOPS

PROMOTING SUSTAINABILITY

Access to basic infrastructure such as schools, roads, hospitals and police stations is vital for improving the living standards of communities worldwide. Whether it is a project for a courthouse in Somalia or a community health centre in Indonesia, UNOPS helps partners construct the necessary infrastructure required for sustainable development.

UNOPS conducts environmental impact assessments and then works to reduce the impact an infrastructure project has on the environment. To reduce water and power consumption through insulation, renewable energy and more, designers and project managers consider the function of a building throughout its lifetime.

WHY UNOPS

- UNOPS has a mandate as a central resource for infrastructure projects within the United Nations system. Partners choose UNOPS to successfully deliver infrastructure projects on their behalf, due to our project management skills, engineering expertise and local knowledge.
- 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.

EXPERTISE

We can provide support to our partners through:

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

TYPICAL PRODUCTS & SERVICES

- Roads
- Bridges
- Airports and airstrips
- Harbours and coastal facilities



As a part of Sri Lanka's post-tsunami activities, UNOPS constructed fishing harbours across the country, with funding from the International Fund for Agricultural Development. **Photo:** UNOPS

DISASTER RISK REDUCTION & RECOVERY

TRANSPORT INFRASTRUCTURE

PUBLIC INFRASTRUCTURE

COMMUNITY INFRASTRUCTURE

OUR APPROACH

ENVIRONMENTALLY-CONSCIOUS CONSTRUCTION

UNOPS project managers focus on limiting environmental impacts during construction through detailed planning and close consultation with the local community.

For example, in 2012 UNOPS managed a road-building component of a large stabilization strategy in the Democratic Republic of the Congo, with funding from a range of donors. The project implemented a complex socio-economic and environmental mitigation plan, which included working with the community to replace trees in order to limit the environmental impact of the new road.

DEVELOPING NATIONAL CAPACITY

By providing training during a project's implementation, UNOPS ensures that the positive effects of development will be felt by communities long after the project itself has concluded.

To support the planning capacity of local authorities and help safeguard maintenance and operations, UNOPS provides direct training to various stakeholders.

For example, the Juba Nile Bridge was reopened ahead of schedule in 2012, following a rehabilitation project that was implemented by UNOPS and funded by the US Government. All activities in the programme focused on developing the capacity of state ministry staff, local contractors and communities through targeted training, close supervision and, where feasible, labour-based construction methods.

ADVISORY SERVICES

UNOPS works to share best practice in infrastructure with all its partners in humanitarian and development projects. This includes providing management and technical advisory services for infrastructure works.

For instance, UNOPS is developing a series of manuals for the design of rural roads in South Sudan, helping to build the capacity of the Government to provide critical roads infrastructure in the new nation. The advisory team is working to ensure the manuals take into account local conditions as well as cross-cutting issues such as gender and the environment. The project is funded by the UK Department for International Development and managed by Crown Agents.

CASE STUDY: IMPROVEMENT OF TRANSPORT SECTOR IN AFGHANISTAN

UNOPS is providing technical assistance to the National Emergency Rural Access Project in Afghanistan, to help a number of ministries to improve roads and bridges. The maintenance of roads has reduced travel time to some local markets, schools and health centres by 30 percent. This project involved institutional development of the ministries, as well as creating almost 300,000 labour days for local workers in 2012.



New roads, funded by the United States Agency for International Development, help to reduce travel times to markets, hospitals and schools in South Sudan.

Photo: UNOPS

“The work of UNOPS has made it easier for children to go to schools, for patients to go to hospitals, for farmers to transport their products to markets, and it is also good for security.”

Ahmed Shah Waheed, Afghan Deputy Minister for Public Works

QUICK FACTS

From 2010-2012, UNOPS constructed or rehabilitated:

- 73 bridges
- 7,175 kilometres of road
- 9 airstrips
- 25 harbours

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