

Annual report 2010



Capacity building in Timor-Leste



In 2010 and early 2011, Norplan conducted a feasibility study into the planned 2 MW Maliana Bulobo hydropower plant in Timor-Leste.

Timor-Leste is one of the poorest countries in the world when it comes to human development. The people in Timor-Leste have low levels of literacy and education with both urban and rural areas suffering from a lack of basic infrastructure such as electricity and

clean water. The Maliana Bulobo plant will improve access to electricity in the Maliana area.

During the environmental and social impact assessment, the Norplan team arranged consultation meetings with the local community. Since the community in question had little technical understanding of hydropower production, the team built a small-scale model to illustrate how electricity can be generated. The model was placed outside the town hall so inhabitants and children passing by could learn about the project. The model proved very useful in explaining basic electricity principles and ensured a broader understanding of hydro power among the local people.

Norplan has extensive experience of working in the South-East Asian region, dating back more than twenty years, and has been involved in Timor-Leste since 2002. [N](#)

Redeveloping Oman



As one of the oldest districts, Muttrah is the historical and cultural heart of Muscat. It houses some of the oldest souqs (bazaars), mosques and forts as well as the city's main harbour – the Muttrah harbour.

In recent years the infrastructure in Muscat has struggled to keep up with the growth of the economy and the increasing numbers of cars, construction

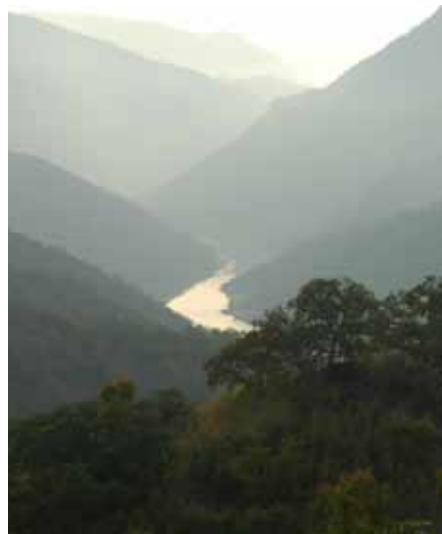
projects and tourists.

The city has now taken on an ambitious plan to modernise the city and Norplan is taking part in the redevelopment. In 2010, Norplan was appointed by the Muscat Municipality to develop a master plan for the Muttrah district.

The Norplan cConsortium is led by Norplan, and includes companies such as WSP and the German University of Technology in Oman. The consortium will plan a utility network for sewerage and surface drainage, develop a concept for sustainable urban development and outline an urban design for the heritage of the capital city.

Norplan's project director Olav Hauge said: "We are very excited about this project. As Muttrah has no existing sewerage system and very narrow roads, often less than 2 metres wide, designing a water and sewerage system will be interesting as well as technically challenging. We hope that the project will contribute to the sustainable development of Muscat and Oman." [N](#)

Hydro on the horn of Africa



Ethiopia has substantial hydropower resources but so far only a small fraction has been developed. In 2010, Norplan was commissioned to undertake full feasibility studies of two large multi-purpose hydropower plants.

The Mandaya and Bek-Abo hydropower projects are located on the Abay River. Earlier studies have suggested that the Mandaya and Bek-Abo sites could be developed to generate 12,100 and 12,600 GW respectively per year.

The studies will be financed by the Ethiopian Ministry of Water Resources (MOWR) through a grant from the Government of Norway and the contract is worth approximately NOK 86 million (EUR 11 million).

The Norplan Consortium includes the following partners: Norplan, Norconsult, Electricité de France (EDF) and Scott Wilson. The consortium also includes two Ethiopian sub-consultants, Shebelle Consult and Tropics.

Ove Rusten, Managing Director of Norplan, said: "Norplan is delighted to have been appointed to perform such an important study, which will help to secure sustainable development and access to renewable energy in Ethiopia. The awarding of this assignment demonstrates the growing diversity of our expertise and our ability to operate in a highly specialist area of the hydropower market." [N](#)

Water management financing options in Tanzania



Tanzania has abundant water resources, although some areas are semi-arid.

Competition among water users has led to severe water stress. Managing their water resources effectively is therefore a key challenge and the local government is working towards establishing an effective and financially sustainable water resources management system.

Norplan has provided support to the Tanzanian Ministry of Water since 2010. Norplan's assignment includes assessing the economic value of water for various user groups and determining financing needs for water resources management and development. Norplan will design financing options for all the nine river basins and recommend water use fees and charges. [\[N\]](#)

Key Figures 2010

Key Figures (mill. NOK)	NORPLAN AS*			NORPLAN & partners**		
	2008	2009	2010	2008	2009	2010
Turnover	13,8	15,4	12,5	1652,1	1718,7	1863,7
Profit before finances	0,1	-1,0	-0,6	121,5	118,7	77,6
Profit before tax	0,3	-0,5	-0,5	129,5	120,4	82,8
Profit after tax	0,2	-0,3	-0,4	90,4	82,5	51,9
Total assets	12,8	12,0	8,5	965,0	1023,7	1075,5
Total equity capital	3,8	3,5	3,1	416,3	456,4	461,4
Equity share in percent	30%	29%	37%	43%	45%	43%

*Key Figures for NORPLAN AS

**Key Figures for NORPLAN AS and the two partners Asplan Viak and Multiconsult

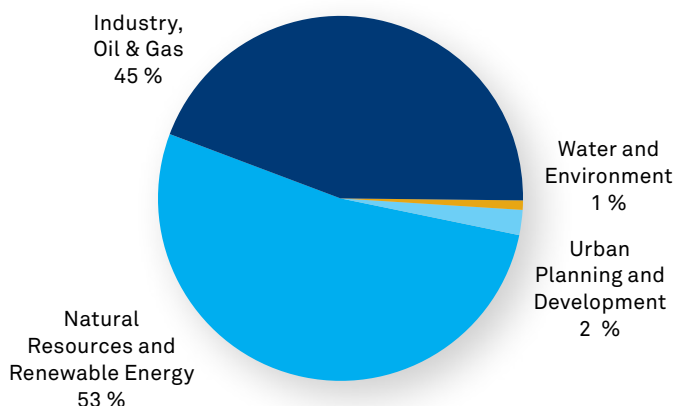
Notes to NORPLAN AS financial statements

NORPLAN AS is a marketing company and brand for Asplan Viak and Multiconsult international operations. According to the mode of operation from 2006, NORPLAN acts on behalf of the two partners and the profit and liability remains with the partner providing the personnel resources.

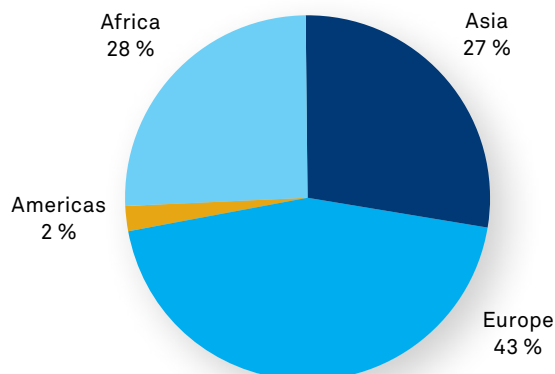
Turnover 2010, international contracts

The total turnover in 2010 was NOK 155 million from all international projects carried out by NORPLAN with partners Asplan Viak and Multiconsult.

Distribution by division, 2010



Geographical division, 2010



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