

Mechanical weed control and silt clearance



Inset: canal before rehabilitation

A pilot project investigating and proposing ways of dealing with weed growth and siltation problems in the Gezira, which took place between April 1979 and June 1983, was soon followed by a more extensive technical and training project. This aimed at rehabilitating the irrigation channels and at establishing a mechanical weed control and silt clearance maintenance programme in the region. It also set out to train all levels of personnel (management, operational and maintenance) in planning and organising the maintenance programme.

The project was evaluated independently at an interim stage by the Dutch Ministry of Foreign Affairs and later by DEMAS itself and it was found that crop results in the rehabilitated areas had improved in comparison with those in areas not rehabilitated.

Moreover, tests carried out under the auspices of the World Health Organization showed a decrease in the level of bilharzia and malaria infestation in the rehabilitated area.

Client

Ministry of Irrigation

Location

The Sudan

Year

1983 - 1989

Services

- training
- project assistance
- management training

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