

Development Workshop

Box 133
238 Davenport Road
Toronto, Ontario
Canada M5R 1J6

project

BUILDER TRAINING WORKSHOP

Chikal, NIGER

client

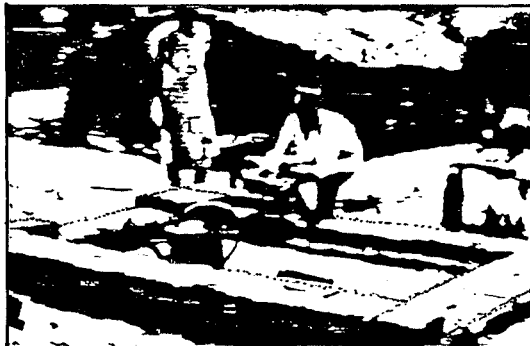
Projet Tapis Vert, ISAID



1



4



2



5



3



6

The training workshop introduced vault and dome roofing technology into a rural region of Niger which had suffered the severe Sahelian drought of the early 70's. Traditional roofing required the cutting of scarce timber which added to further desertification. The new vault and dome roofing, adapted by the Development Workshop from indigenous systems in the Middle East and North Africa eliminates all need for timber and is ideally adapted to the Sahelain climate.

A group of village builders from the Chikal region participated in the workshop. All aspects of the building process were dealt with and general building skills improved. After mastering the roofing technology the builder trainees went on to use their new skills in needed community building projects.

This project was funded by the Institute for Study and Application of Integrated Development.

Illustrations:

- 1) Laying out building on site
- 2) Foundations and footings
- 3) Wall building
- 4) Instructor demonstrating vault
- 5) Trainee practicing vault building
- 6) Trainee completing a dome