Water fetching how it was before the ram installation

There is water, but how to get it up where it is needed

The AIDFI technicians Auke Idzenga and Felix Inocencio

Installation of the three ram pumps

Technology transfer to local farmer

The installations were heavily guarded

They didn’t believe it till the first water came out

Water pumped up 150 meters high

To see is to believe

The reservoir constructed afterwards
TECHNOLOGY TRANSFER AFGHANISTAN: TRAINING

Mahmood, Fazal and Ibrahim receiving theory training

Actual survey in the field

Designing classes given by Marvin, an AIDFI engineer

Pattern making

Machining jobs

Roy, an AIDFI technician teaching how to make a check valve from a car tire

Fazal working on his first ram pump

Fazal trying out his ram pump in the Techno Park

Mahmood testing his own fabricated ram in the field
TECHNOLOGY TRANSFER AFGHANISTAN: FABRICATION

Shop specially set up for the ram pump

Proudly Afghan made!

Ram pump under construction

Job well done

The AIDFI model locally made