

The proposed site is situated on Ganga River in SNNPR region in Sidama zone, Gobecho Kebele near Bona Zuria town. 125 Km from Awassa in direction to Moyale road after 38 km asphalt road, then the all weather gravel road to Daye in Hagera Selam take a turn to the left on a dry weather road. It is about 6 Km to reach Gobecho village from main road in Bona.

The GPS coordinates of the area are: 37 N 0468230 UTM 0728372.

The total population of the kebele is 5,994 (2007) in 1,684 HH among these the tax payers are 538HH.

The villagers of Gobecho are very lucky because in the area there is also one Pico hydro-Gobecho I.

The community are very cooperative and eager to participate within their possibilities. A cooperative to manage the future power plant is already formed.

They built an access road towards the site as far as possible. The community also participated especially on Gobecho II on Excavation, stone delivery.

There will be three foci. First GTZ project will connect public services (school, health centre, church, market From Gobecho I Pico-Hydropower plant and will inaugurate on 26 Feb., 2010. From Gobecho II MHP, there will be efforts to create local businesses which utilise the available electricity for productive use & it is proposed to draw a power line along the accessible main road, from where private households can take electricity for private use.



Gange River



Gange Fall



Cooperative meeting



Coffer dam



Existing Canal of gobocho II



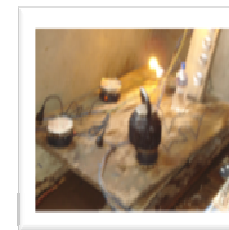
PH of Gobecho I



Gobecho I canal



Light when Gob I Tested



Technical Specifications of Gob II

Civil structure	
Canal	: Lined masonry/length: 17.2 m
Penstock	: Ø 320 mm/length: 70m
Head	: 25 m
Flow	: 200 l/s
Electro Mechanic	
Turbine	: T 15, net head 25m, 34kW
Manufacturer	: Entec, Indonesia

General Information for GOB II

Region/Zone	: Southern region/Sidama
Woreda/Kebele	: bonazuria/gobocho
River	: Gangea river
Coordinates (weir site)	: 37 N0468230 UTM 0728372
Head/Flow/Pot. capacity	: 25 m / 200 l/s / 34 kW
No. households	: 1,684HH
Productive use	: Grinding mill
Social connections	: Church, school, commercial centre