



## **COSTA RICA**

### **ACTIVITY REPORT 2015**







## ASOCIACIÓN COSTARRICENSE DE OBRAS SUBTERRÁNEAS

Private Non-profit Association

Members: 27 individuals and 4 companies





## 2015 - ACTIVITIES

1 Course on conventional tunneling (60 participants)

2 Seminars on TBM tunneling 6 meetings of Board of Directors





### TUNNELS - UNDERGROUND WORKS

Reventazón Hydro Power Project: Discharge tunnel.

Tunnel for sediment management and control of the level of the reservoir.

L=600m, Diameter=7,5m.

Excavated by conventional method. During 2015: construction of the final lining.





### Reventazón Hydro Power Project: Discharge tunnel.









Reventazón Hydro Power Project: Gates gallery.

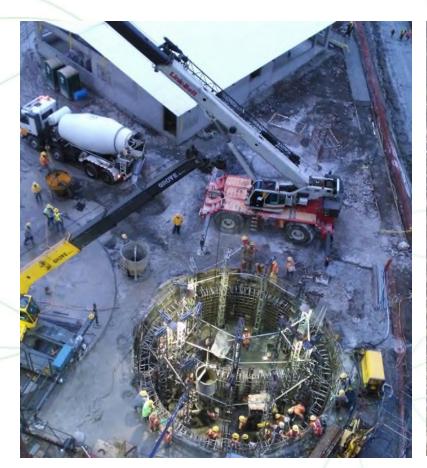
Vertical shaft, Depth= 70m, Diameter=14m

Reinforced concrete lining.





#### Reventazón Hydro Power Project: Gates gallery.









# FUTURE ACTIVITIES

- ✓ Central America Regional Course on Tunneling Planning and Financing.
- ✓ Round Table on Road Tunneling
- ✓ Technical tour to a local hydro project