



ASSOCIATION  
INTERNATIONALE DES TUNNELS  
ET DE L'ESPACE SOUTERRAIN

AITES

ITA

INTERNATIONAL TUNNELLING  
AND UNDERGROUND SPACE  
ASSOCIATION



ACROS

ASOCIACIÓN COSTARRICENSE  
DE OBRAS SUBTERRÁNEAS

# COSTA RICA

## ACTIVITY REPORT 2015



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# ASOCIACIÓN COSTARRICENSE DE OBRAS SUBTERRÁNEAS

Private Non-profit Association

Members: 27 individuals and 4 companies



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## 2015 - ACTIVITIES

- 1 Course on conventional tunneling  
(60 participants)
- 2 Seminars on TBM tunneling
- 6 meetings of Board of Directors



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# 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.



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## Reventazón Hydro Power Project: Discharge tunnel.





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

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

Reinforced concrete lining.



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## Reventazón Hydro Power Project: Gates gallery.





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# FUTURE ACTIVITIES

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