

Japan

Toward 50th Anniversary

Name: Japan Tunnelling Association

Type of structure: Non-Profit Organization

Number of members: Affiliate: 205, Individual: 1126
(as of February, 2017)



2016 ACTIVITIES

WGs: JTA consists of four committees and each committee has WGs and task forces.

Technology/International Communication/Events/Public Relations
Each main activities are :

- Investigation, research and information interchanges on general technique and on subjects of specific projects.
- Meetings such as lectures, symposiums, workshops and site visits
- Publication of reports and documents
- International cooperation
- Publicity activities

Training

The following training courses are organised by the Events committee to engineers of a middle standing

- Two-days seminars
- Site Visits
- Lectures on topics of the year

Publications

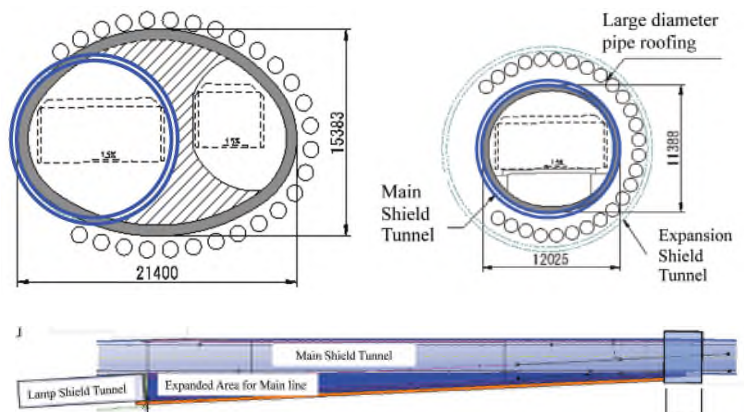
Monthly journal: Tunnelling and Underground (Japanese edition)

Annual Report: Record of Tunnel Projects in Japan (Japanese edition)

CURRENT PROJECTS IN JAPAN

Hokkaido Shinkansen

The extension works of this project including the new Oshima tunnel, the longest mountain tunnel in Japan.

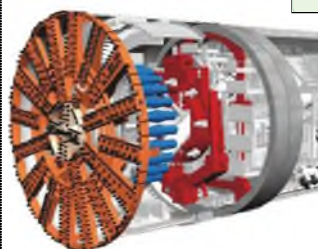


Expansion Shield Tunnel Machine.

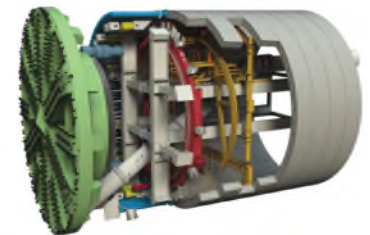
FUTURE PROJECTS IN JAPAN

Tokyo Ring Project

Japan's two largest shields with different cutterheads have started working.



Northbound's shield: "Two independent rotating cutterhead"



Southbound's shield: "the Relay Bit Method"