

WORKING GROUP 12, SPRAYED CONCRETE USE

PROJECT WORK: IN-SERVICE CONDITION OF SPRAYED CONCRETE IN TUNNEL LININGS



ASSOCIATION
INTERNATIONALE DES TUNNELS
ET DE L'ESPACE SOUTERRAIN
ITA
INTERNATIONAL TUNNELLING
AND UNDERGROUND SPACE
ASSOCIATION

Special Consultative Status with the United Nations Economic and Social Council since 1987

Questionnaire to ITA WG12 members.

Part 1

Obtain an overview of possible and interesting projects and case

The goal of this part of the project is gain an overview and identify possibilities to access information. Once these contacts have been made and an overview over projects and cases have been made, the next level of the questionnaire/investigations can be made. Some countries will get a number of projects and cases to look, others will have few. At the next level selection of cases and projects is made, and specific detailed technical matters are addressed.

During this process, it's important that you refer to this project work as organized by the ITA, eventually in cooperation with your local ITA Branch / tunnelling society. Please use the attached letter from the ITA/WG12 "Request to tunnel owners for access to data", dated October 2020.

QUESTIONS FOR THE ITA WG 12 MEMBERS.

Please type your answers directly into this sheet and return it to karl.gunnar.holter@ngi.no, by **1. November 2021**.

Your country:

Your name:

Your company, organisation / affiliation:

- d. Type and amount of information available?
 - i. Data from the construction: design and material data for the sprayed concrete
 - ii. Monitoring data
 - iii. In-situ testing and/or sampling?

- 4. Available existing documentation and publications:
 - a. Can you source available documents and publications on existing tunnels and condition of sprayed concrete linings?
 - b. Projects:
 - c. Type of documentation/publications available: