

CURRICULUM VITAE

Tom Melbye

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SUMMARY

Over forty years of experience in the underground construction industry - both as contractor and as supplier of products and equipment. Vast experience in planning, design, supervision and troubleshooting in important international projects, in numerous fields of underground construction: sprayed concrete, pre grouting, grouting, anchoring and concreting.

Active in creating and furthering new technologies: among the leaders in the development of wet-mix sprayed concrete, as from 1977; patents for two revolutionary product systems (1992/1993). A pioneer in using the pre grouting method in tunnels.

Received Golden Hammer from the Norwegian Rock and Blasting Association in 2007 for outstanding promotion and development of Norwegian Tunneling technologies and sprayed concrete internationally. Inducted into Hall of Fame of mining in 2014.

Vast managerial experience: Has built up several subsidiaries of Rescon, a Norwegian material supplier and was instrumental in the development of MBT/SKW/Degussa/BASF global Underground Construction Group (UGC) and, as its President, has built Normet Group to a globally leading company in its field (mainly organic growth of turnover within 9 years from € 40 Mio to € 240 Mio).

At present, owner of Tamcon in Zug, Switzerland, a consulting company specializing in sprayed concrete, grouting and rock support for mining and underground construction in order to advise global clients on their work towards finding the best solutions in terms of safety, operational efficiency and economy. Independent board member in different companies.

PROFESSIONAL EXPERIENCE AND EDUCATION

- 2017- Owner and MD of Tamcon GmbH in Zug, Switzerland
- 2016- Senior Advisor Normet Group
- 2007-2016 Normet Group, Switzerland and Finland: rebuilding of the company into a globally present group, mainly through organic growth. Full responsibility for all operational activities as President
- 1990-2007 MBT/SKW/Degussa /BASF in Switzerland: reporting to CEO at all times, latest position as Senior Vice President (responsible for all underground

construction activities world-wide which under his leadership have become from a CHF 1 Mio business sector a main strategic business unit of the company with a turnover of CHF 180 Mio. Further development of the organization and co-ordination with all country operations world-wide, with full P/L responsibilities for the ww UG business)

- 1981-1990 Rescon AS, Norway (today Mapei Norway), as sales/marketing director and then as managing director of various subsidiaries in Sweden and Finland, with rapidly successful foundation of subsidiaries
- 1977-1981 Thor Furuholmen AS, Norway (at the time the country's largest tunnel contractor), in 1980 promoted to divisional manager at the Headquarters of Thor Furuholmen, for sprayed concrete and grouting works on all job sites of the company
- 1976-1977 Oslo Electricity Board, Norway (as control engineer in Aurland hydropower project)
- 1973-1976 Gjøvik Technical University, Norway, with diploma in 1976

PROFESSIONAL MEMBERSHIPS

External Committees

- 2012-2015 Executive Council member ITA (International Tunneling Association) and member of ITA tech board
- 2000-2004 President of EFNARC
- 2000- Founder of Centre of Underground Construction (CUC), international training center for all UGC technologies
Member of Board of Directors of CUC
- 1994-2007 Various CEN committees for the new European sprayed concrete norms
- 1993-2014 Organization committee of International Sprayed Concrete Conference (arranged by the Norwegian Society of Chartered Engineers)
- 1992-2007 EFNARC Technical Committee for Sprayed Concrete Specification. One of the driving forces in the creation of the first European Specification for Sprayed Concrete

Boards of Directors

2018-	Ductor Group, FI/CH (active in biogas and fertilizer industry holding a new patent on a method for biogas and bio fertilizer production; global roll out)
2018-	Normet Group OY
2016-	Promacor Ltd in Switzerland (active in gold mining in Mongolia), involved as founder and partner
2016-	Forcit OY Group, leading explosives producer and supplier in Nordic countries.
2015-	Leonhard Nilsen & Sønner Ltd (among Norway's leading underground contractors and mining companies)
2010-2012	TAM Holding (owned by Normet from 2012), Vice Chairman
2007-2016	Normet Group
2007-2016	Normet International Ltd, Switzerland, Chairman
2000-	CUC (Centre of Underground Construction), Vice Chairman
1999-2001	NBK-MBT, Danmark (BASF Danmark)
1995-2004	MBT Mining and Tunneling, South Africa
1989-1991	Veidekke AB, Swedish subsidiary of Veidekke ASA, Norway's largest construction company
1983-1990	Subsidiaries of Rescon AS, Norway and, as from 1988, in Rescon AB, Sweden

Advisory board

2020 -	Xerotech Ltd ,Ireland -leading technology And supplier of integrated battery system for mining and heavy construction equipment
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PUBLICATIONS

1995	T. Melbye; co-author of «Sprayed Concrete: Properties, Design and Application»; Whittles Publishers, UK.
1994	T. Melbye; «Sprayed Concrete for Rock Support»; 198 p.; also translated into German, Spanish, Chinese and Japanese; widely used at universities and job sites; several reprints; to date 50,000 copies; several editions
1992-	Numerous articles in international trade magazines

LECTURES

1982-	More than 60 papers at international conferences, on sprayed concrete and, in particular, wet-mix sprayed concrete, grouting and injection.
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PATENTS

1993	MEYCO® TCC735: Concrete improver for sprayed and normal concrete. Admixture to replace external curing agents. Patent no. 154-0247-TCC735
1992	MEYCO® TCC System: Admixture system for Total Consistency Control in Sprayed concrete and grouts. Patent no. 154-0234-TCC

Both patents have been filed world-wide. Both products/systems are successfully used in a large number of important projects world-wide.

Tamcon