



MILITARY ENGINEERING CENTRE OF EXCELLENCE (MILENG COE)

Director's Message

The MILENG COE is the principle interlocutor and facilitator for Military Engineering interoperability within NATO. The COE is the main hub for information exchange between NATO and partner nations engineers and forms the principle conduit for face to face interaction from OR-6 to OF-6 level. We are dedicated to enhancing interoperability through standardisation, to deliver the required effects to the benefit of NATO. The organisation has been in existence since 1977, initially as the Euro NATO Training Engineering Centre (ENTEC) and since 2009 as the Military Engineering Centre of Excellence. We are based in Ingolstadt Germany and collocated with the German Military's Engineer Training Centre. Germany is the host nation, with 16 other sponsoring nations.



COL Thorsten LUDWIG



Mission Statement

MILENG COE provides a significant contribution with joint combined subject matter expertise to the various aspects of military engineering. This includes concepts, materiel, doctrine and capability development, education and training and the lessons learned process in order to support NATO's military transformation, the participants and other partners. Thus, enhancing the Alliance's military engineering capability and interoperability in order to improve the effectiveness of military engineering support to NATO's missions.

Who We Are / What We Do

The Military Engineering Centre of Excellence facilitates interoperability and standardisation within NATO's Military Engineering community. We achieve this via:

- Being the focus for NATO MILENG Doctrine development and assisting NATO in Concept and Policy development;
- Providing a hub for MILENG information and lessons exchange;
- Coordinating multi-national MILENG projects and experimentation on behalf of NATO;
- Delivering individual MILENG interoperability training to NATO staff and nations;
- Facilitating MILENG engagement within NATO.

The MILENG COE is the Department Head for MILENG Training and Education within NATO and is also a NATO Accredited Education and Training Facility. It also has a leading role as the workingbody for the NATO MILENG Working Group. The MILENG COE acts as custodian of Military Engineering related policies and doctrine, and provides essential SME support to staff ACT, ACO, NATO-HQ's, nations and numerous Standardisation Working Groups in regards with Military Engineering.

Vision

The Military Engineer Centre of Excellence is to sustain and improve on its already excellent reputation amongst NATO's military engineer community and beyond. Innovation is to be at the heart of everything we do. 'Continuous improvement' must be seen as normal business.

Our training should be at the cutting edge meeting the exacting requirements of our customers. In doing so I would expect our already strong course attendance rate to improve to 90% and beyond. We need to be seen as the first port of call for all NATO engineering interoperability RFIs. In addition, we must ensure that this information hub extends to our industry and academic partners.

I want to see the MILENG COE grow beyond its already impressive 17 sponsoring nations to eventually have representation from all those NATO nations that have Military Engineer Capability and principle partner nations.



2021 / 2022

Despite the impact of COVID 19, the MILENG COE has been able to maintain the majority of its outputs. Looking forward into 2022, our aim is to run as normal a training programme as possible whilst continuing to facilitate NATO MILENG meetings and conferences. The following major activities are planned for this period:

Training:

A full review has been conducted of our ADL courses in the first half of the year and a trial bridge assessment course will be conducted during the second half of 2021 to refine our training to deliver the outputs of the NATO Bridge Assessment Project. Details of our training courses can be found at the following link:

<http://milengcoe.org/course/Pages/default.aspx>



Course curriculum 2022

COURSE

COURSE	DATE 1	DATE 2
MILENG Multinational Basic Course (MEMBC)	21 – 25 Feb	28 Nov – 02 Dec
MILENG Multinational Advisory Course (MEMAC)	21 – 25 Mar	10 – 14 Oct
NATO Tactical MILENG Course (NTMEC)	02 – 06 May	21 – 25 Nov
NATO Operational MILENG Course (NOMECC)	07 – 11 Mar	26 – 30 Sep
NATO Infrastructure In Support of Planning Course (NIASPC)	20 – 24 Jun	/
NATO Military Environmental Protection, Practices and Procedures Course (NMEPPPC)	25 – 29 Apr	/
Bridge Assessment Course (BAC)	16 – 20 May	24 – 28 Oct

NATO Event Facilitation:

EVENT

EVENT	LOCATION	DATE
MILENG Information Exchange Seminar and Industry Day 2021	Ingolstadt, Germany	07-09 Dec 2021
21st Military Engineering Working Group	Ingolstadt, Germany	17-21 Jan 2022
22nd Military Engineering Working Group	Loutraki, Greece	13-17 Jun 2022
NATO Senior Joint Engineer Conference (NSJEC) 2022	Warsaw, Poland	19-20 Oct 2022
MILENG Information Exchange Seminar and Industry Day 2022	Ingolstadt, Germany	06-08 Dec 2022

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