NATO Naval Mine Warfare Centre of Excellence



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Subject Matter Expert Concept Development & Experimentation



AGENDA



- NATO NMW COE in Ostend (BEL)
- The continuous transition and foreseen inclusion of all Under Water Warfare's
- NATO NMW Concept
- Reducing risks by un- & manned mine countermeasures
- Transition into the future of Naval Mine Warfare



NMW CENTRE OF EXCELLENCE





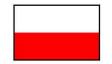






SN – Sponsoring Nations:





Temporary contribution:



Interest in participation:







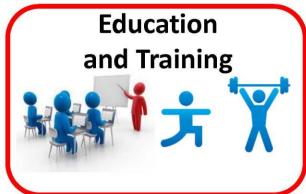




THE 4 PILLARS of NATO COE's















The continuous transition and foreseen inclusion of all Under Water Warfare's



- All pillars involved
- REPMUS NATO NMW COE cycle

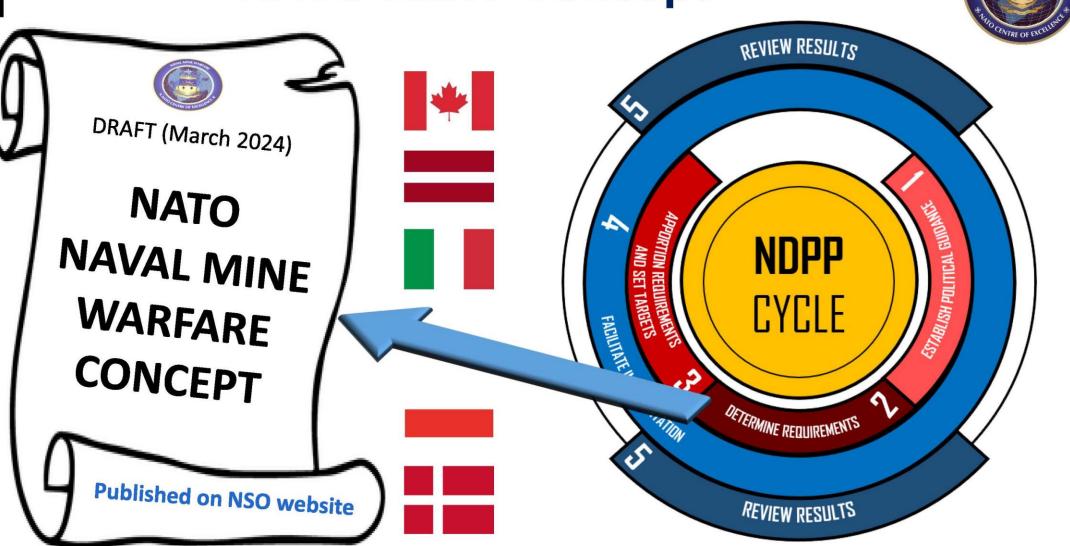
Cooperation is intensifying with:

- Rapid Environmetnal Assessment (REA)
- Anti Submarine Warfare (ASW)



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NATO NMW Concept

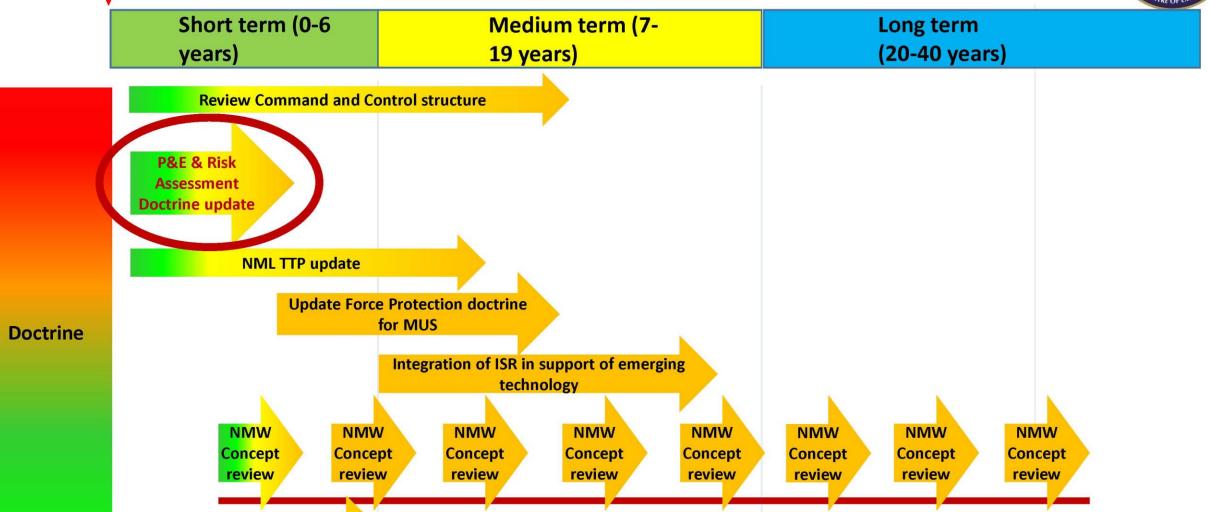




Legacy / SoS MCM TTP & terminology review / update

Future NMW Roadmap







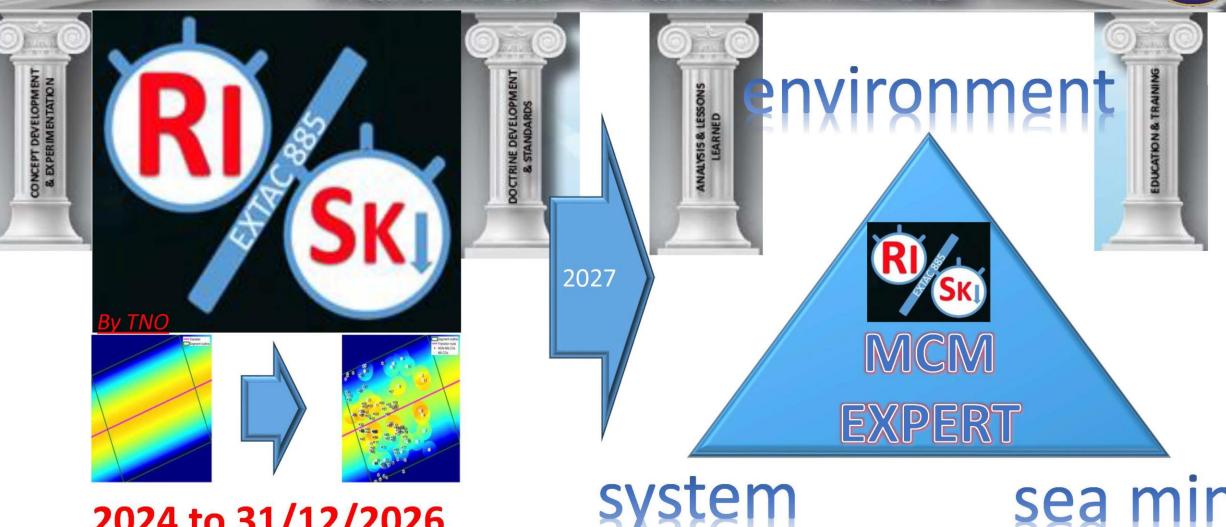
Planning & Evaluation and Risk Assessment



- RISK MAPPING (EXTAC 885, Risk Mapping)
- NMCM Command & Control
 (EXTAC 886, Standards for Command & Control)
- NMCM DATA HANDLING
 (EXTAC 887, Standards for Data Handling)
- ST-BI (the environment in figures)
- NATO SONAR REFERENCE TARGET (SRT)







2024 to 31/12/2026



EXTAC 885Financed by the Nehterlands





More improvement is needed!



environment

ST-BI

Specialist Team on Biological Impact Environment in figures

Command & Control

RI SKI

MCM

EXPERT

SR7
Sonar Reference Target

sea mine

DATA
Handling

system



Please join!





Command



Industry through national representative. Military through CMRE:

Thomas.Furfaro@cmre.nato.int



FUTURE MCM EXPERT for all



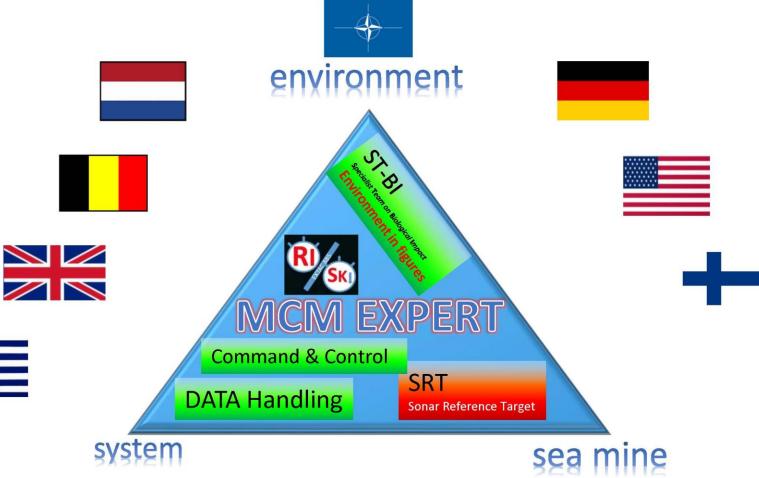


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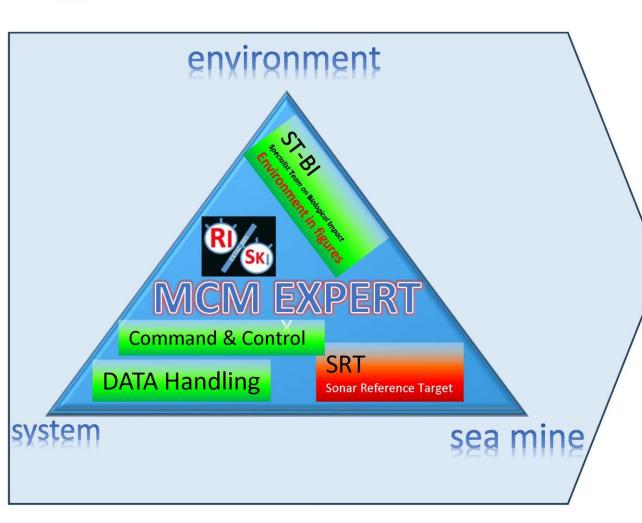




THALES



Naval Mine WarfareTransition into the future





and Research Introl Task Groups Handling Oper Me Oper AR MARE WARFARE





NATO CENTRE OF CT