MINISTRY OF FOREIGN AFFAIRS
OF DENMARK
The Trade Council

MBDA

MBDA UK AND THE EMBASSY OF DENMARK IN THE UK INVITES TO

MBDA TECH CHALLENGE

11th of May, 2026 – Central Location in London | 12th of May, 2026 - Royal Danish Embassy, London

The MBDA Tech Challenge is an open call for Danish SMEs to engage directly with MBDA around specific capability needs and collaboration opportunities.

Selected companies will be invited to a focused two-day engagement in London, designed to move from dialogue to tangible next steps.

The Tech Challenge is designed to

- Enable direct technical dialogue with MBDA stakeholders
- Position Danish solutions against real MBDA capability needs
- Identify concrete collaboration opportunities and next steps

Challenge focus areas

The challenge is open for any Danish SME with innovative solutions within one or more of the following:

1. Robust Navigation
2. Alternative Energetics
3. Biotech
4. Quantum/Novel Computing
5. High Assurance Communication

For further descriptions of the topics, please refer to page 2

Challenge structure

PHASE 1

NLT 31 March **Written submission**	Written pitch submitted to the Embassy of Denmark and MBDA
Selection by MBDA	MBDA nominates selected pitches to advance to Phase 2

PHASE 2

29 April **ADS webinar**	Webinar hosted by ADS on the effective pitch
11 May **Pitch sparring**	UK defence industry context and pitch sparring with ADS
11 May **Networking event**	Networking event with British defence companies
12 May **In-person w/ MBDA**	Thematic sessions, technical dialogue, and targeted 1:1 pitch meetings

Participation details and fee

Phase 1: Free of charge service
Phase 2: DKK 9.225 for SMEs (travel and accommodation not included)
Deadline for Phase 1 submissions: 31 March 2026
Contact: Commercial Adviser, Mathilde Gade Jæger, matjag@um.dk

ADS

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

DI Danish Defence and Security Industries

MBDA TECH CHALLENGE FOCUS AREAS

1. ROBUST NAVIGATION

Ensure resilient, continuous, and accurate navigation solutions for GNSS-denied and contested environments:

〉 Enhanced IMUs to reduce GNSS dependency

〉 Hardened and augmented GNSS resistant to jamming and spoofing

〉 Alternative PNT (e.g. image-based, celestial, non-GNSS signals)

2. ALTERNATIVE ENERGETICS

Synthetic high energy-density fuels to sustain speed and range for air-breathing platforms and reduce dependency on fossil fuels supporting resilient and sovereign fuel supply for future operations.

Key requirements: High energy density, long-term storability, safe handling, sustainable feedstocks, and portable manufacturing.

3. BIOTECH

Bio-inspired materials to enhance structural survivability and penetration, reduced detectability, and resilience at scale in sensor-dense environments:

〉 Bio-inspired composites for strength, thermal resilience, and signature management

〉 Self-healing polymers to extend shelf life and reduce maintenance

〉 Adaptive coatings to reduce IR/RF signatures

4. QUANTUM / NOVEL COMPUTING

Advanced computing for decision advantage in contested environments enabling faster planning, adaptive engagement, and resilient autonomy:

〉 Quantum computing for complex optimisation (e.g. routing, sensor fusion)

〉 Probabilistic computing for robust performance under uncertainty

〉 Neuromorphic computing for low-power onboard autonomy

5. HIGH ASSURANCE COMMUNICATION

Technologies to maintain command and control under cyber-electromagnetic attack ensuring mission continuity and kill-chain integrity in degraded environments:

〉 Anti-jam and LPI/LPD communications

〉 Quantum secure communication

〉 Quantum enhanced RF sensors

〉 Resilient, distributed multi-path networks (space, air, mesh)

〉 Packaging of communication technologies