



Are your company interested in cooperating with Rolls-Royce ?

The Danish Embassy in London, in a partnership with CenSec and Rolls-Royce, invites Danish defence, space and security companies to participate in the "Innovation Tech Challenge"

This challenge aims to identify innovative solutions in five advanced technology areas of interest to Rolls-Royce:

1. Future Fuels & Energy Transition Technologies
2. Nuclear Technologies
3. Reciprocating Engines and Power Conversion
4. Advanced Materials
5. Service & Repair Technologies

(For further descriptions of the topics, please refer to page 3)

Phase 1: Screening and initial evaluation

Rolls-Royce will conduct a screening of applicants to evaluate the compatibility of their proposed solutions with Rolls-Royces current innovation needs and the selected companies will advance to the second phase

If your company wants to participate in the screening process, please fill out the enclosed powerpoint file with a description of your company on the second slide and a brief description of your proposed solution/technology with regard to any of the five five advanced technology areas described above on the third slide

The powerpoint file can be send to either Anders Laustsen from CenSec or Per Andersen from the Danish Embassy on London

Deadline: 31th March 2025

Rolls-Royce will conduct a screening of applicants to evaluate the compatibility of their proposed solutions with Rolls-Royces current innovation needs. **Selected companies will then advance to the second phase.**

(Participation in Phase 1 is free of charge)



Phase 2: Pre-meeting with selected stakeholders at the Danish Embassy and presentation of solutions at Roll-Royce with their Innovation & Engineering teams

Time: London 20 May 2025 – Bristol/Derby 21st May 2025

After the pre-meeting at the embassy the companies selected during phase 1 will be invited to present their technology solutions directly to Rolls-Royce Innovation and Engineering teams in Bristol or Derby on 21 May 2025. This phase provides an opportunity for hands-on discussions and showcases of technologies, with feedback and potential for future collaborations

Participation Details:

Participation fee for Phase 2: SMEs that are selected to participate in phase 2 will pay DKK 15.625 (not including flight, transportation and accommodation)

Application Deadline for Phase 2: 31st March 2025 (to Per Andersen, Danish Embassy)

Contact: CenSec, Anders Laustsen anders@censec.dk or Danish Embassy London, Per Andersen: pkande@um.dk



Further Descriptions of Topic Areas:

1. Future Fuels & Energy Transition Technologies

Example topics:

- Fuel storage systems
- Carbon capture management
- Energy systems management
- Hydrogen technologies
- Sustainable and emission-reducing fuels

2. Nuclear Technologies

Example topics:

- Nuclear fission and battery applications
- Nuclear fusion advancements
- Power extraction and conversion systems
- Services Supporting nuclear infrastructure

3. Reciprocating Engines and Power Conversion

Example topics:

- High-pressure systems for power generation
- Fuel cell innovation
- Supercharging and compressor technology
- Cooling system optimization

4. Advanced Materials

Example topics:

- High/low-temperature composites and metallics
- Non-destructive evaluation methods
- Surface technology improvements
- Material failure analysis and investigation

5. Service & Repair Technologies

Example topics:

- Component and asset health monitoring systems
- Advanced repair methods and sensor technologies
- Asset overhaul, maintenance, and in-situ repair capabilities