



# Defence and Security Accelerator

Dr Debra Carr (CEng FIMMM FCSFS CF)  
Innovation Partner Scotland

[djcarr@dasa.service.mod.uk](mailto:djcarr@dasa.service.mod.uk)

<https://www.gov.uk/government/organisations/defence-and-security-accelerator>



DASA finds, funds and fast-tracks innovation for the Armed Forces and national security while supporting UK prosperity.

# Why work with DASA?

- anyone can apply
- no partners required
- 100% funding
- Intellectual Property stays with you
- simple application and assessment processes
- R&D tax credits, access to mentoring and finance

# Key facts Dec 2016 to Nov 2020 (UK)

- 3909 applications, 1590 organisations
- Micro 35%, SME 28%, Academia 20%, Large 17%
- 40% of proposals are new to Defence and Security
- 791 projects funded, 358 organisations, £130.2M
- 56% projects funded are from SMEs
- funded projects [here](#)




# TRL 2 to 6

TRL	MOD definition
1	Basic principles observed and reported
2	Technology concept and/or application formulated
3	Analytical and experimental critical function and/or characteristic proof of concept
4	Technology basic validation in a laboratory environment
5	Technology basic validation in a relevant environment
6	Technology model or prototype demonstration in a relevant environment
7	Technology prototype demonstration in an operational environment
8	Actual technology completed and qualified through test and demonstration
9	Actual technology qualified through successful mission operations

# Outreach Team


[Home](#) > [Organisations](#)

 Defence and Security Accelerator  
Part of [Ministry of Defence](#)

[Apply for funding](#)  
[Market exploration](#)  
[Login / Register for an account](#)  
[Contact us](#)

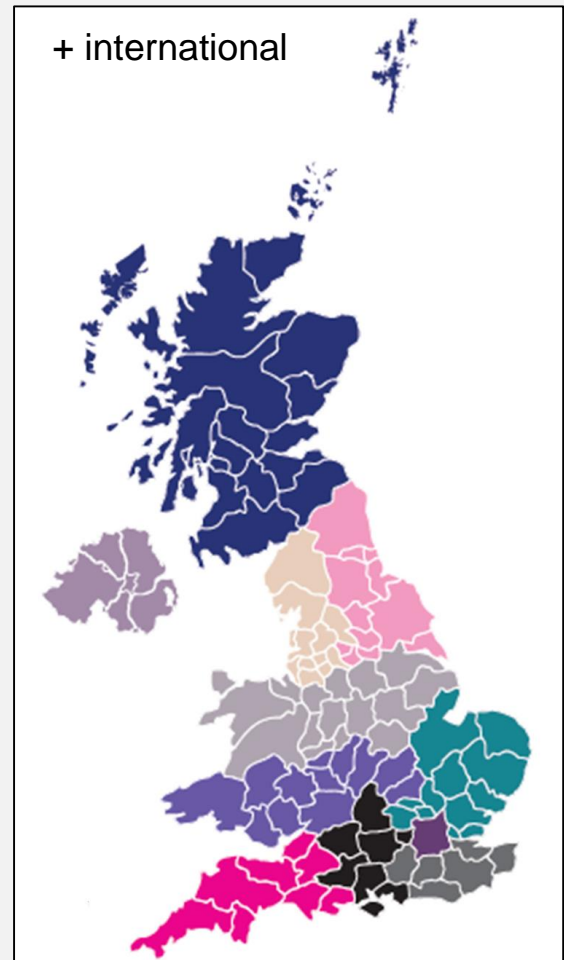
---

## Featured

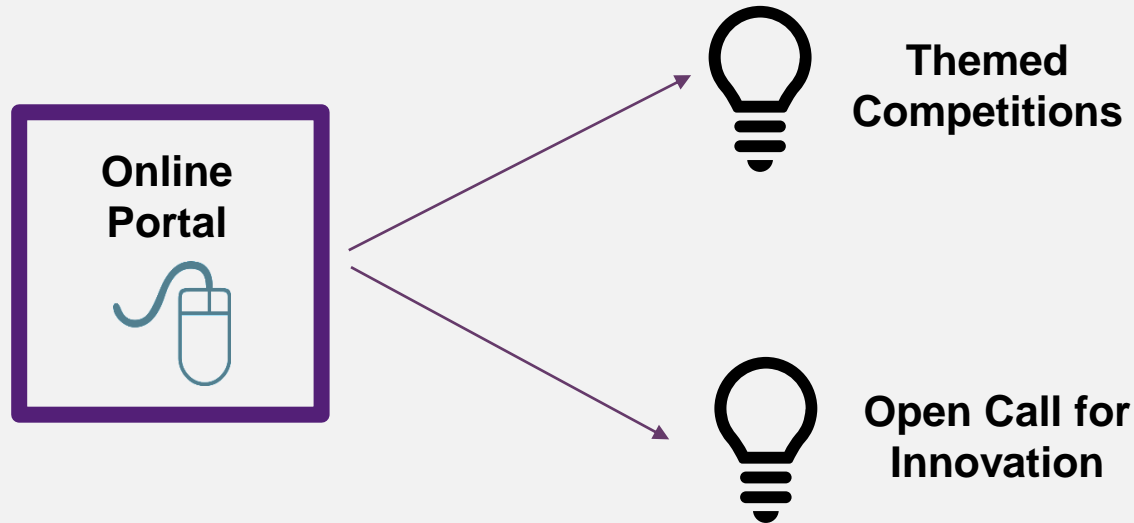


27 October 2020 — News story  
**Finalists for International Space Pitch Day revealed**

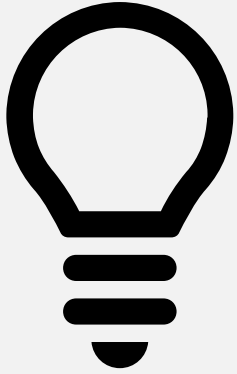
15 tech firms selected to pitch to military leaders for share of £800,000 to develop space innovation



# Core services



**Market Explorations**



# Themed Competitions



# Take Cover Phase 3

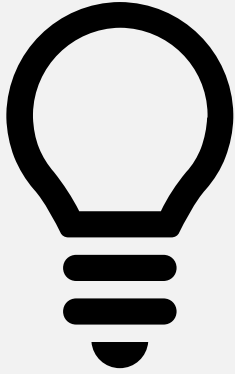
- £480K, individual £240K, TRL 5 → 6, finishes February 2022
- two Challenges
  - Battle Trench
  - Vehicle Check Points (VCPs)
- closes 11 February

# Map the Gap Phase 2

- £2M, 2-4 projects, TRL 6, 10-months
- survey potential crossing sites, solution must
  - deploy and navigate to multiple potential sites along a river
  - measure the crossing site gap characteristics
  - increase the decision tempo
- closes 9 March

# Possible future opportunities

- Wireless communications
- Remote sensing of sensitive sites (NDA)
- Innovative technology for future airport disembarkation (APOD)
- Neuroergonomics
- Advanced vision Phase 2
- Information advantage
- Advancing less lethal weapons Phase 2
- Wearable technology for injury prevention Phase 2



# Open Call for Innovation

upcoming closing dates

- 28 January
- 31 March

# Open Call for Innovation Innovation Outlines

- our EOI
- via the Contact us link
- less than one page pitch
- used to consult potential Customers

# Open Call for Innovation Full Proposals

<b>Emerging Innovation</b>	<b>Rapid Impact Innovation</b>
TRL 2 to 4	TRL 4 to 6
12-months maximum	24-months maximum
No funding limit	No funding limit

# Open Call for Innovation

## Innovation Focus Areas

- quantum augmented PNT
- integrate information and physical activity across all domains\*
- delivering agile command and control\*
- operate and deliver effects in contested domains\*
- Defence people, skills, knowledge and experience\*
- simulating future battlespace complexity\*
- Secure communication technology (TBC)

# Assessment

- desirable
- feasible
- viable



# Keep in touch



**Defence and Security Accelerator**



**@DASAccelerator**



**Defence and Security Accelerator**

**Annual Report 2020**