



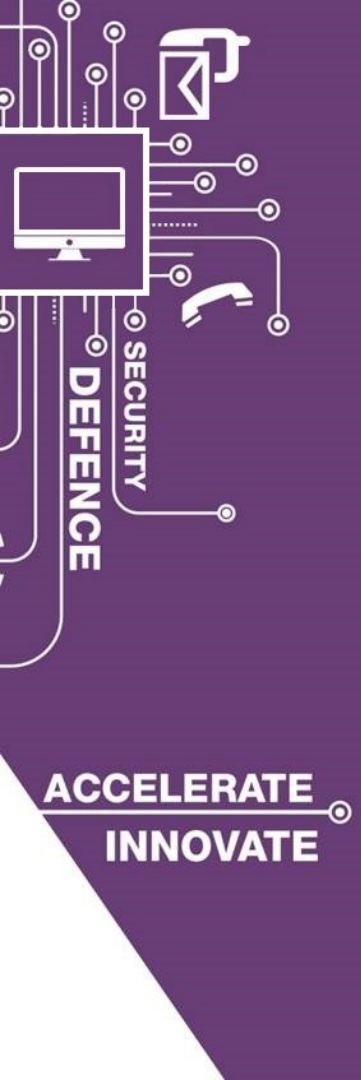
Defence and Security
Accelerator

Introduction to DASA

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Find and fund exploitable innovation to support UK defence and security quickly and effectively.

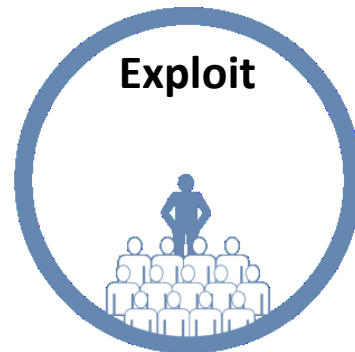
Support UK prosperity.

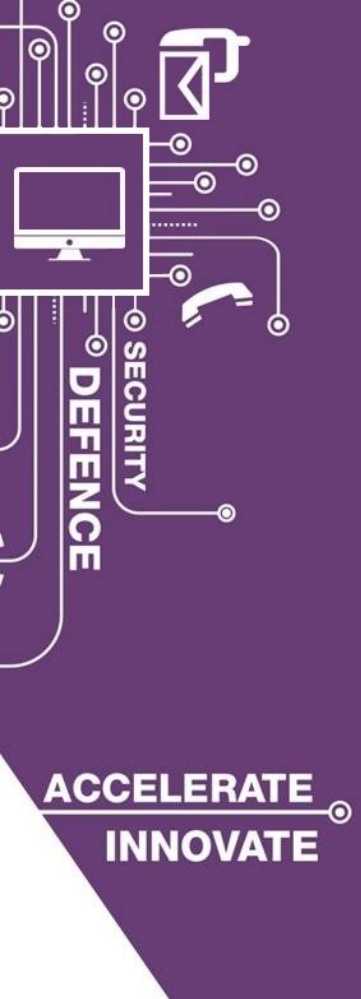
TRL 2 to 6/7

TRL	MOD definition
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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

Core services





Why work with us?

- cross-Govt. focus
- benevolent terms and conditions
- always open for ideas
- anyone can apply
- no partners required
- 100% funding - no match funding required

Why work with us?



- Intellectual Property stays with you
- rapid contracting
- >600 trained assessors across Govt.
- simple and easy way to access defence and security

Key facts December 2016 to April 2019

- 1766 applications
- 855 different organisations
- SMEs 59%, Academia 21%, Primes 19%
- 407 projects funded (£58.2M)
- 31 Themed Competitions
- 16 Open Call Competition Cycles



Future Screening for Aviation and Borders

- £4.5M, 10 projects (£125K), 18-months, 6-months scoping
- illicit items e.g. drugs, contraband items e.g. large quantities of alcohol, prohibited items e.g. firearms, knives
- screening people, goods, cargo
- systems approach
- closes 1 July

Novel chemistry to reduce the risk from household products

- £1M, 10 projects (£125K), 7-months
- substitutes and additives (list provided)
 - synthesise or procure the proposed substitute or additive
 - demonstrate the effectiveness of the substitute
 - demonstrate that the outputs reduce the risk of misuse
- dial-in and one-to-one 4 June
- closes 3 July

Themed competitions likely to come this FY

Phase 1 (low TRL)

- FASS testing and trialling (Jun)
- Intelligent ship (Jun)
- Bioremediation of waste (Jun)
- Information Advantage (Jul / Aug)
- Sensors (Oct)
- Point of care diagnostics
- Explosives, weapons and narcotics detection
- Crossing the gap
- Windfarms and radar

Phase 2 (mid TRL)

- Stopping it in its tracks (Jun)
- Predictive cyber analytics (Jul)
- Invisible Battlespace (Jul)

Market Exploration

- Innovations in aircrew protection – closes 26 June
 - protection from cockpit and external environment
 - improvement in life support systems
 - innovations in aircraft emergency escape systems
- Remote handling of explosives

Open Call – Innovation focus areas (Security)

- Finding suspected threats on passengers during airport screening
- Matching passengers with their X-ray trays
- Improving aviation cargo screening speed
- Assistive technology for rail staff
- Screening train carriages
- Bank of England

Open Call – Emerging Innovations

- TRL 2 → TRL 3/4
- typically 3 to 10 months
- typically £50K to £100K

Open Call – Rapid Impact Innovation

- TRL 4+
- strong customer pull
- impact within 3 years
- typically £100K to £350K

Assessment criteria

- desirable
- feasible
- viable

Get in touch



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