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

<table>
<thead>
<tr>
<th>TRL</th>
<th>MOD definition</th>
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<tbody>
<tr>
<td>1</td>
<td>Basic principles observed and reported</td>
</tr>
<tr>
<td>2</td>
<td>Technology concept and/or application formulated</td>
</tr>
<tr>
<td>3</td>
<td>Analytical and experimental critical function and/or characteristic proof of concept</td>
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<tr>
<td>4</td>
<td>Technology basic validation in a laboratory environment</td>
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<tr>
<td>5</td>
<td>Technology basic validation in a relevant environment</td>
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<tr>
<td>6</td>
<td>Technology model or prototype demonstration in a relevant environment</td>
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<tr>
<td>7</td>
<td>Technology prototype demonstration in an operational environment</td>
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<tr>
<td>8</td>
<td>Actual technology completed and qualified through test and demonstration</td>
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<tr>
<td>9</td>
<td>Actual technology qualified through successful mission operations</td>
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Key facts December 2016 to September 2019

- 2331 applications
- 1023 different organisations
- SMEs 60%, Academia 21%, Large 19%
- 505 projects funded (£76.3M)
- 40% of Suppliers are new to Defence and Security
- 214 Scottish proposals, 11 pre-sifted, 30 in assessment, 31 Funded, £4M (~18%)
Core services

- Themed Competitions
- Open Call
- Online Portal
- Outreach
- Impact
Access to mentoring and finance service

New DASA service

- work with suppliers to understand the business needs and their aspirations
- create and deliver a smart brokerage into the extensive business incubation and support infrastructure
- support suppliers to understand and access funders and investors
Why work with us?

• anyone can apply
• no partners required
• 100% funding
• Intellectual Property stays with you
• simple process and assessment
• rapid contracting – check the Ts and Cs!
Advanced vision for 2020 and beyond

- £1.25M, 9-months (£150K) / 2-years (£200K), TRL 1 to 4
- three Challenges
  - novel optics and materials
  - novel sensors
  - embedded processing
- closes 13 December
Don’t blow it Phase 2

- £1.5M, <3 projects, 12-months, TRL 3 to 6
- joint funding MOD/DOD
- three Challenges
  - how to gain access
  - how to disable
  - how to destroy
- closes 06 January 2020
A joint effort Phase 2

- £500K, 9- to 24-months, <£190K, TRL 2 to 5
- four Challenges
  - integration of composites
  - adhesives for structural joining
  - joining high temperature structures
  - improving armour systems
- closes 31 January 2020
Open Call Competition
Emerging Innovations

• TRL 2  →  TRL 3/4
• typically 3 to 10 months
• typically <£100K
Open Call Competition
Rapid Impact Innovation

- TRL 4+
- strong customer pull
- impact within 3 years
- typically <£350K
Innovation Focus Areas - Defence

• novel radar
• regenerative medicine for the Front Line
Innovation Focus Areas - Security

• finding threats on passengers during airport screening
• improving aviation cargo screening speed
• assistive technology for rail staff
• screening train carriages
• less lethal weapons
• chemical and explosive precursors
• innovative security features for bank notes
Market Explorations

• remote handling and manipulation of explosives
Assessment

• desirable
• feasible
• viable
Get in touch

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