Introduction to DASA

Dr Debra Carr (CEng FIMMM FCSFS)
Innovation Partner for Scotland
djcarr@dasa.service.mod.uk
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>
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<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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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

accelerator@dstl.gov.uk
01980 950000 option 3
Defence and Security Accelerator
@DASAccelerator
Defence and Security Accelerator