

This programme provides the cross-cutting human capability research for defence, aiming to support the defence output of sufficient, capable and motivated personnel, and accountabilities set out in the Armed Forces Covenant. The sub-portfolios provide evidence, analysis and technology solutions across a range of areas and stakeholder groups including:

- Defence Personnel
- Human in Systems
- Information Activities and Outreach
- Achieving the Strategic Edge Through People 2040 (SETP2040)

People represent a critical component of military capability. Whether it's operating a complex platform, such as the Lightning II Joint Combat Aircraft, a combat medic providing first response, or specialists

undertaking stabilisation and outreach activities, their success depends on the best possible skills, knowledge and capability. The Human Sciences Programme has a single aim to deliver these skills, enhance our knowledge and deliver a robust and resilient capability.

Dstl works with military stakeholders to understand where science and technology (S&T) research can address gaps or improve existing capability and partner with industry and academia to deliver and exploit the best innovative, creative and reliable solutions. Together, this provides subject matter expertise across many areas, including psychologists to develop an understanding of the needs of military and civilian defence personnel and their families. Working with ergonomists, human factors integration experts and systems engineers, the programme explores how the Ministry of Defence (MOD) can optimise military systems performance through the design, procurement and operational stages.

Dstl has developed strong relationships with the military medical community to ensure that UK Armed Forces have access to the best casualty care, ranging from complex surgical procedures to specialist medical equipment on the



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Approximate funding (2015/16):

**£7.7 million - 58% is delivered externally\***

\*The 2015/16 funding is a projected forecast and is subject to change in-year.

front-line. Working with MOD and other Government departments, Dstl is leading the information activities and outreach programme. By partnering with industry and academia Dstl can ensure the latest human and social science informs emerging operational capability.

The programme sponsors a broad range of analytical and practical work focused on addressing the needs of stakeholders. Within the portfolio there are four areas of work including:

- Defence Personnel
- Human in Systems
- Information Activities and Outreach
- Achieving the Strategic Edge Through People 2040 (SEPT2040)

#### **Disruptive Capability Project: SETP2040**

Achieving the Strategic Edge Through People: 2040 is a new Disruptive Capability project that aims to deliver a series of strategic interventions that will radically change the way in which MOD recruits, selects, trains, deploys and retains its people. These interventions will ensure that the MOD can maintain the strategic edge for UK forces in 2040.

#### **Human in Systems**

The Human in Systems (HiS) project aims to maximise system effectiveness through realising the human component of capability. The HiS project has themes including humans in systems engineering, humans and emerging technologies and humans in socio-technical systems.

#### **Defence Personnel**

The Defence Personnel project is endorsed by the 3\* Defence People and Training Board (DPTB) and provides an evidence base to inform future capability. The project has four themes: whole force approach; human capital, covenant;

veterans and families; and, health and well-being.

#### **Information Activities and Outreach**

This project provides innovative S&T within human social sciences and directly supports military capability. The programme has five themes: tactical influence; strategic influence; full spectrum targeting; stabilisation and, outreach.

#### **Working in partnership**

BAE Systems is the prime contractor for MOD's Defence Human Capability Science and Technology Centre (DHC STC), through which the Human Sciences Programme places most of its research requirement.

The DHC STC is a centre of excellence for defence human capability research and operates an open supplier network. It is supported by a broad chain of suppliers, including large defence organisations, small and medium-sized enterprises and academia. The scope of the DHC STC crosses a range of other programmes and programmes within MOD's S&T Programme. Visit [www.defencehumancapability.com](http://www.defencehumancapability.com) for further information.

Other aspects of this programme may be contracted through a number of mechanisms throughout the 2015/16 year. Details of these routes to contracting can be found in the 'How to sell to Dstl – get involved' factsheet.

For more information about this programme, contact: [centralenquiries@dstl.gov.uk](mailto:centralenquiries@dstl.gov.uk) or [humes@dstl.gov.uk](mailto:humes@dstl.gov.uk)