



NFCC
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Chiefs Council

Industry Partners

29th June 2022



PPE and Workwear Research



The Home Office Science & Technology (S&T) Commissioning Hub's (HOCH) vision is to ensure the right S&T work is commissioned to meet the Home Office's current and future challenges.

The HOCH is separate from the Homeland Security Group S&T team, although our work does align in some areas. Our team is made up of project and finance managers, account managers, science advisers, and police advisers. HOCH also works with OGDs to leverage each other's S&T investments, avoid duplication and influence capability needs for the future, particularly with DSTL.



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PPE and Workwear Research



Dstl is one of the principal government organizations dedicated to science and technology in the defense and security field.

Dstl supplies specialist services to MOD and wider government, working collaboratively with external partners in industry and academia worldwide, providing expert research, specialist advice and invaluable operational support.

We are innovative, collaborative and impactful.



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PPE and Workwear Research

- Collaborative application with NFCC R&D team
- Development of the Statement of User Needs (SUN). This includes the scope which excludes respiratory protective equipment or other worn (non clothing) equipment.
- Full backing of NFCC strategic team



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PPE and Workwear Research

- Compliments Fire Commercial Transformation Programme (The Procurement Hub)
- Coordination through NFCC PPE and Clothing Committee
- Outcomes/recommendations to be agreed through NFCC governance arrangements



PPE and Workwear Research

- Phase 1 – Information gathering
- Phase 2 – Concept approaches/design
- Phase 3 – Further research/testing (currently unfunded)



Inclusivity – Recruitment and Retention

UKFRS is committed to being an inclusive employer and improving diverse recruitment whilst improving retention of staff.

An important element of the research is to ensure that the new concept designs are seen to be inclusive for all; increasing the potential applicants from diverse groups from our communities.



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Enclothed Cognition

It has long been known that what you wears matters. This principle was founded by cognitive psychologists Hajo Adam and Adam Galinsky from North-western University.

They have undertaken studies examining the psychological and performance related effects that wearing specific articles of clothing have on an individual wearing them. Enclothed cognition captures the systemic influence that clothes have on wearers psychological processes.



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University of Coventry

- Providing well-made, well fitting uniform can make wearers significantly more motivated and confident.
- Well sourced, quality materials and garments can aid sustainability and environmental goals



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Wellbeing and Productivity

- Uniform is perceived to affect happiness and confidence
- The impact on happiness appears to be greatest in women and those in the 24-34 year age range
- 16-24 year olds would be 30% happier and 25-34 year olds would see an increase in confidence in a well made, well fitting uniform that was fit for purpose



Wellbeing and Productivity

- UoC research also indicates a very high, consistent improvement in motivation and thus productivity if all factors with uniform were right.
- There is a highly achievable Return on Investment (ROI) if we get this right.

