



Textile **Futures**

Textile Innovation Programme

Anti-Counterfeit



Project Part-Financed
by the European Union
European Regional
Development Fund

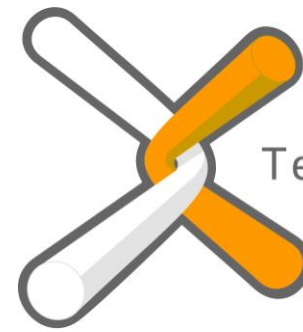
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Background



Textile **Futures**

- o Feasibility Study using 'exogenous' DNA+UCP Marker successful
- o ADNAS work with UK Police Forces ongoing (via TCoE)
- o Protracted negotiations with ADNAS re prices, markets, roles
- o TIP FS with 'Michelsberg' cloth – sample piece (10m) produced using remaining DNA/UCP lubricant



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Textile **Futures**

Current Situation

- o General ADNAS approach validated by University of Huddersfield
- o Lab testing equipment identified and tendered – prices finalised
- o 3-year exclusive UK testing agreement with ADNAS (likely for all EU testing)
- o Likely areas for ADNAS use outside textiles (Cash in Transit, pharmaceuticals, security inks insurance markings)
- o Proposals for ‘production’ equipment prepared
- o Strong evidence of demand (via UKFT) from Dormeuil, Harris Tweed fabrics and fibre users



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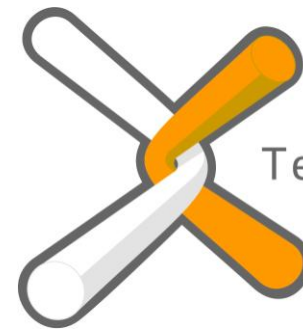
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Issues



Textile **Futures**

- o Tests required to identify 'price per metre' for DNA and DNA/UCP protection
 - yarn/fabric coverage per litre of DNA/UCP lubricant
 - parameters for dilution of DNA
 - options for impregnation (spinning/weaving/finishing)
 - cost/performance of extruded polyester thread
 - volume discounted prices
- o Quantifying demand in non-textile sectors in Y&H
- o Developing Made in Yorkshire and Made in England '*Signature*' Brands
- o Creating production capacity in the Region
- o Establishing the production and testing capability, finalising price options and offers



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