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# Blockchain and the UK Modern Slavery Act

*A Data Management Plan created using DMPonline*

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**Project abstract:**

To exploit distributed ledger technology to gather and share forced labour intelligence both nationally and internationally. As a proof of concept, we propose to build a permission based blockchain system in collaboration with the UK National Helplines for Modern Slavery and the Programme Challenger, modern slavery support network at Greater Manchester.

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## Manchester Data Management Outline

- No
- Science and Technology Facilities Council
- Yes – leading a collaboration
- Acquire new data
- University of Manchester Research Data Storage Service (Isilon)
- 1 - 8 TB
- Not applicable
- < 5 years
- No sensitive or personal data
- Anonymised personal data
- Pseudonymised personal data
- Audio and/or video recordings

temporary storage as the processed data will be stored on blockchain.

- Not applicable
- Yes - I am processing data for someone else
- Yes
- No

The blockchain nodes

08/08/2018

## Data Collection

informant/tip off about child labour and human right violation incident. Only high level information with no personal details.

Mobile phone app, SMS, voice calls and internet

## Documentation and Metadata

photos

## Ethics and Legal Compliance

seeking ethical approval; no personal data that will link to victim

NA

## **Storage and Backup**

Multiple back up by blockchain nodes

permission blockchain

## **Selection and Preservation**

processed data will be destroyed

blockchain ownership

## **Data Sharing**

Public access to highlevel information on blockchain is permitted

no

## **Responsibilities and Resources**

PI

Computing facility and some temporary storage. The blockchain will be mounted on cloud facility