

---

# Blockchain and the UK Modern Slavery Act

*A Data Management Plan created using DMPonline*

**Creators:** Ser-Huang Poon, Leonid Tarasov

**Affiliation:** University of Manchester

**Funder:** Engineering and Physical Sciences Research Council (EPSRC)

**Template:** EPSRC Data Management Plan Customised By: University of Manchester

**ORCID iD:** 0000-0002-7297-9401

**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.

**Last modified:** 06-09-2018

**Copyright information:**

The above plan creator(s) have agreed that others may use as much of the text of this plan as they would like in their own plans, and customise it as necessary. You do not need to credit the creator(s) as the source of the language used, but using any of the plan's text does not imply that the creator(s) endorse, or have any relationship to, your project or proposal

# Blockchain and the UK Modern Slavery Act

---

## 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