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## Plan Overview

*A Data Management Plan created using DMPonline*

**Title:** East Asia Modern Slavery Blockchain Network

**Creator:** Ser-Huang Poon

**Principal Investigator:** Ser-Huang Poon

**Data Manager:** Ser-Huang Poon

**Affiliation:** University of Manchester

**Template:** University of Manchester Generic Template

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### Project abstract:

The goal of the project is to encourage anti-slavery organisations to use the blockchain distributed ledger technology to make their communication and sharing of intelligence more efficient. As the number of organisations joining the blockchains increases, and as the coverage of the geographical regions widen, the more effective and the more powerful the communication and sharing of intelligence become in the anti-slavery movement. At UoM, this work has given rise to the creation of a charity, Enduring Net, dedicated to promoting such cause started with active discussions with the Greater Manchester Police (GMP) in the development of a prototype in the last 18 months. A previous round of GCRF pump priming money enabled this work to be presented to a number of potential partners in Delhi, from which we have established several strong links. The current project aims are: • To establish further links with anti-slavery organisations in other parts of India and three other countries in Asia, viz Thailand, Malaysia, and Bangladesh; • To develop connections with local organisations, in East Asia, with expertise relating to blockchain. To achieve these, we propose to collaborate with the Mekong Club and Diginex. Whilst they are both Headquartered in Hong Kong, over 90% of their work is based in ODA developing countries in Asia. Moreover the Mekong Club-Diginex collaboration has already led to the deployment of blockchain to enhance transparency in migrant labour contracts (cf. eMin, <https://www.eminproject.com/about/>). The Mekong Club and Diginex have extensive and relevant contacts within each of the ODA countries listed above (see Table 1 on page 3) and will help to organise the workshops. We are joined by the Survivor Alliance (<https://survivoralliance.org/>), who will represent the victims of modern slavery in this consultative process and in the co-design of the blockchain solutions.

**ID:** 43490

**Last modified:** 25-07-2019

### Copyright information:

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imply that the creator(s) endorse, or have any relationship to, your project or proposal

# East Asia Modern Slavery Blockchain Network

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## Manchester Data Management Outline

1. Will this project be reviewed by any of the following bodies (please select all that apply)?

- None of the above

2. Is The University of Manchester collaborating with other institutions on this project?

- Yes - Part of a collaboration and not handling data

3. What data will you use in this project (please select all that apply)?

- Generate textual supporting information only

using simulated cases.

4. Where will the data be stored and backed-up during the project lifetime?

Question not answered.

5. If you will be using Research Data Storage, how much storage will you require?

- 1 - 8 TB

6. Are you going to be working with a 3rd party data provider?

- No

7. How long do you intend to keep your data for after the end of your project (in years)?

- 0-4 years

### *Questions about personal information*

Personal information, also known as personal data, relates to identifiable living individuals. Special category personal data is more sensitive information such as medical records, ethnic background, religious beliefs, political opinions, sexual orientation and criminal convictions or offences information. If you are not using personal data then you can skip the rest of this section.

Please note that in line with [data protection law](#) (the General Data Protection Regulation and Data Protection Act 2018), personal information should only be stored in an identifiable form for as long as is necessary for the project; it should be pseudonymised (partially de-identified) and/or anonymised (completely de-identified) as soon as practically possible. You must obtain the appropriate [ethical approval](#) in order to use identifiable personal data.

**8. What type of personal information will you be processing (please select all that apply)?**

- No sensitive or personal data

**9. Please briefly outline how you plan to store, protect and ensure confidentiality of the participants' information.**

No applicable

**10. If you are storing personal information (including contact details) will you need to keep it beyond the end of the project?**

- Not applicable

**11. Will the participants' information (personal and/or sensitive) be shared with or accessed by anyone outside of the University of Manchester?**

- Not applicable

**12. If you will be sharing personal information outside of the University of Manchester will the individual or organisation you are sharing with be outside the EEA?**

- Not applicable

**13. Are you planning to use the personal information for future purposes such as research?**

- No

**14. Who will act as the data custodian for this study, and so be responsible for the information involved?**

Myself, PI

**15. Please provide the date on which this plan was last reviewed (dd/mm/yyyy).**

2019-07-24

## **Project details**

**What is the purpose of your research project?**

The goal of the project is to encourage anti-slavery organisations to use the blockchain distributed ledger technology to make their communication and sharing of intelligence more efficient. As the number of organisations joining the blockchains increases, and as the coverage of the geographical regions widen, the more effective and the more powerful the communication and sharing of intelligence become in the anti-slavery movement.

At UoM, this work has given rise to the creation of a charity, Enduring Net, dedicated to promoting such cause started with active

discussions with the Greater Manchester Police (GMP) in the development of a prototype in the last 18 months. A previous round of GCRF pump priming money enabled this work to be presented to a number of potential partners in Delhi, from which we have established several strong links. The current project aims are:

- To establish further links with anti-slavery organisations in other parts of India and three other countries in Asia, viz Thailand, Malaysia, and Bangladesh; [1]
- To develop connections with local organisations, in East Asia, with expertise relating to blockchain.

To achieve these, we propose to collaborate with the Mekong Club and Diginex. Whilst they are both Headquartered in Hong Kong, over 90% of their work is based in ODA developing countries in Asia. Moreover the Mekong Club-Diginex collaboration has already led to the deployment of blockchain to enhance transparency in migrant labour contracts (cf. eMin, <https://www.eminproject.com/about/>). The Mekong Club and Diginex have extensive and relevant contacts within each of the ODA countries listed above (see Table 1 on page 3) and will help to organise the workshops. We are joined by the Survivor Alliance (<https://survivoralliance.org/>), who will represent the victims of modern slavery in this consultative process and in the co-design of the blockchain solutions.

[1] While Modern Slavery remains a worldwide scourge, the ILO (2017) estimated that over half the population exposed to modern slavery was within South Asia and the Pacific. The Global Slavery Index estimates that, as proportions of the population, Thailand is at 23rd and Malaysia 42nd. India and Bangladesh are given importance by their vast populations, e.g. India alone is reckoned to have nearly 8 million victims.

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### **What policies and guidelines on data management, data sharing, and data security are relevant to your research project?**

There is no data use in this project, which is about blockchain design. The data management, data sharing, and data security on the blockchain is the main focus of the project itself.

## **Responsibilities and Resources**

### **Who will be responsible for data management?**

No applicable as we do not have data. PI (Ser-Huang Poon) will be responsible for for such matter.

### **What resources will you require to deliver your plan?**

The budget required is for running workshps and meetings with potential users and stakeholders of blockchain.

## **Data Collection**

**What data will you collect or create?**

Only simulated cases of modern slavery.

**How will the data be collected or created?**

only artificial cases are used.

**Documentation and Metadata**

**What documentation and metadata will accompany the data?**

No applicable

**Ethics and Legal Compliance**

**How will you manage any ethical issues?**

No applicable. NDA among consortium members.

**How will you manage copyright and Intellectual Property Rights (IPR) issues?**

Active discussion with UMIP and Research and Business Engagement Support Services.

**Storage and backup**

**How will the data be stored and backed up?**

No applicable. The simulated cases will be stored on University hard drives

**How will you manage access and security?**

No applicable. Simulated data is not protected.

**Selection and Preservation**

**Which data should be retained, shared, and/or preserved?**

only simulated data is used in testing the system

**What is the long-term preservation plan for the dataset?**

No applicable. No need to store/preserv simulated data

## **Data Sharing**

### **How will you share the data?**

No applicable. Could share simulation rules.

### **Are any restrictions on data sharing required?**

No applicable