

## Freedom of Mind and Value Co-Creation through Decentralized Data Management

**Project manager**

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**leader's institution**

RIKEN

**R&D institutions**

Keio University  
 Meiji University  
 The University of Tokyo  
 Kyoto University  
 Osaka University

### Summary of the project

Centralized AI (CAI) and the attention economy threaten freedom of mind and democracy, and inhibit value creation by personal data (PD). By demonstrating that decentralized PD management (DPDM) in which only the personal AI (PAI) of the individual makes full use of her PD create higher added value, we will spread DPDM together with democratic governance of PAI to replace CAI with PAI and to ensure authenticity and diversity of information. This will defend the freedom of mind, promote value co-creation, and enhance democracy and economic performance at the same time.

### Milestone by year 2032

Improve the functionality of PAI and realize decentralized governance of PAI, by building a decentralized data infrastructure for human research and extending it into open citizen science.

### Milestone by year 2027

Demonstrate the value of DPDM and socially implement decentralized matching by PAI.

### R&D theme structure of the project

R&D Theme 1: Decentralized PD management  
 HASHIDA Koiti: The University of Tokyo  
 YAMAMOTO Tatsuhiko: Keio University  
 TOYA Keiko: Meiji University  
 R&D Theme2: Decentralized data infrastructure for human research  
 HIRAKI Kazuo: The University of Tokyo  
 MORIGUCHI Yusuke: Kyoto University  
 KANAKOGI Yasuhiro: Osaka University

