Untangling Digital Euro's Personal Data Protection Challenges

Authors: Andrés Chomczyk Penedo et al. Vrije Universiteit Brussel (VUB)

Discussant: Edoardo D Martino Amsterdam Center for Law & Economics (ACLE)

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The paper

Background on Digital €, other digital money
 & cash

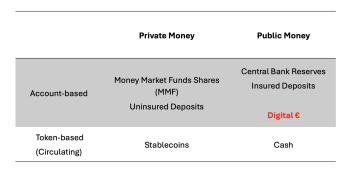
 Detailed analysis of the privacy regime in the Digtal € proposal

Digital Money, Cash & Decentralization

How anonymous/decentralized is cash?

 How anonymous/decentralized are digital currencies & stablecoins?

Monetary Competition



 CDBC should not be a design as a response to competitive pressure (Martino, 2024)

A privacy framework

- Privacy-related policy goals
 - Protecting the fundamental right to privacy, foster technology adoption, prevent abusive use of personal data;
- Relevant trade-offs
 - Financial stability; fighting tax evasion; fighting fraud, money laundering, crime financing; operational resilience;
- Relevant actors
 - Private vs. Public Parties
- Approaches & remedies
 - Ex-ante requirements
 - Ex-post remedies (private vs. public enforcement)
 - Complement or substitutes?
- Evolving technology
 - Rules vs. Standards



Comparative statics

- Given this (account-based) model
 - Can privacy be better protected without sacrificing other goals?
 - Can privacy be better protected with a different composition of relevant (public) interests?

- Taking privacy protection as the ultimate policy goal
 - Can the optimal protection of privacy be achieved under the model proposed in the Digital € proposal?
 - Which compromises are needed to achieve optimal protection of privacy?

e.d.martino@uva.nl Google Site