



**Vienna**  
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# Asset Tracing and Recovery: digital assets and digital tracing

**Teresa Rodríguez de las Heras Ballell**

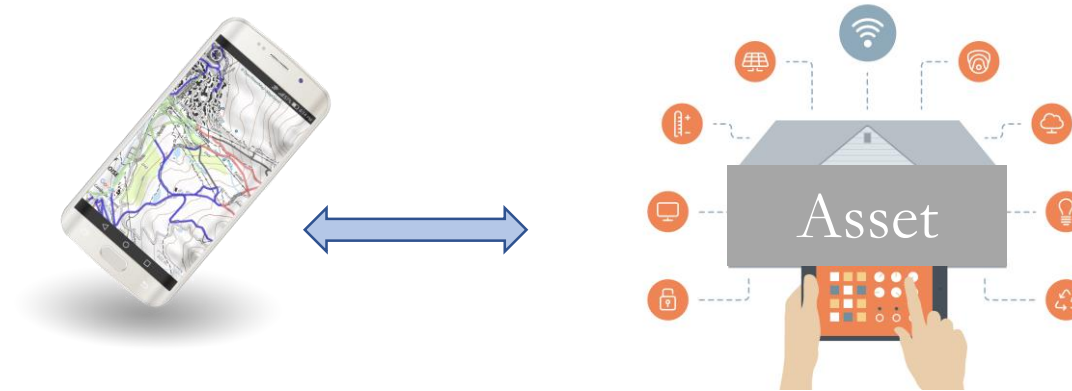
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# Digital tracing: technology-enabled/enhanced means, processes, and tools for asset tracing and recovery

*Digital tracing, dynamic tracing, smart tracing, multifactorial tracing*



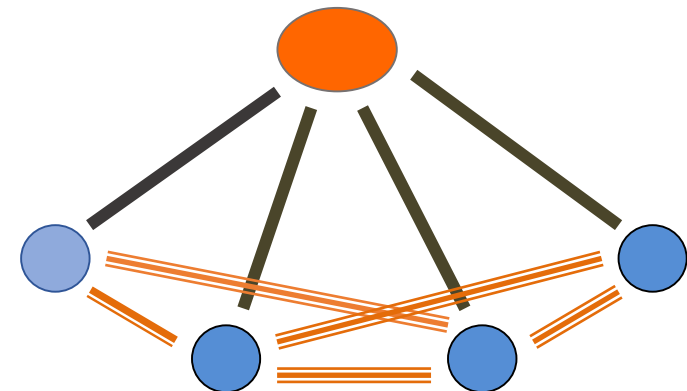
**Digital tracing: technology-enabled/enhanced means, processes, and tools for asset tracing and recovery**

**Data and digital assets in tracing assets and for asset recovery**

*Data and digital assets for asset tracing, controlling, and recovery*

**Passwords / control codes**

**Intermediaries and third parties**





Digital tracing: technology-enabled/enhanced means, processes, and tools for asset tracing and recovery

Data and digital assets in tracing assets and for asset recovery

Tracing and recovery of digital assets

Layer 1

**Information for asset control/recovery**

Layer 2

**Information related to the asset**

Layer 3

**Identity – *holders, owners, beneficiary, etc***

Layer 4

**Asset value – Digital Asset**

## Key issues for discussion

### A). Data-related issues

- 1). Digital identity – existence, verification, reliability in transnational situations
- 2). Data protection, privacy and limits on personal data collection and processing
- 3). Access to data: conflict of laws, extraterritorial access/use/control
- 4). Vulnerability of data: accuracy, existence, preservation

## Key issues for discussion

### **B). Digital-asset -related issues**

- 1). Replicability of digital assets – original / copy
- 2). Effectiveness of recovery – control / use / reversibility (DLT)
- 3). Location (server, cloud) – extraterritoriality, conflict of laws
- 4). Interoperability issues
- 5). Value: digital assets representing assets and digital assets

## Key issues for discussion

### C). Issues related to third-party / technology dependency

- 1). Technology dependence
- 2). Platforms and digital intermediaries – policies
- 3). Recovery in DLT
- 4). Value is inherent to and depends upon its use / transfer / exercise in the relevant technological system
- 5). **CONTROL**





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