

## Participants

- e.g.:
- producers
  - service providers
  - consumers
  - authorities

## Functions

- e.g.:
- transactions
  - smart contracts
  - events
  - oracles
  - zero knowledge proof

## Components

- e.g.:
- access
  - nodes
  - consensus mechanism
  - supplementary technology
  - hardware
  - user interface / APIs

## Environment

- e.g.:
- replaced/ new intermediaries
  - regulatory compliance
  - privacy

## Value Proposition

- e.g.:
- asset tracking
  - document management
  - identity management
  - cryptocurrencies
  - interorganizational workflows
  - marketplaces

## Data

- e.g.:
- business objects
  - data streams
  - personal data
  - files

## Physical Objects

- e.g.:
- products
  - assets
  - replaced objects

## Cyber-Physical Link

- e.g.:
- ID issuing
  - ID attachment

## Enablers (for each participant)

- e.g.:
- cost savings
  - efficiency gains
  - flexibility
  - new business models
  - security

## Obstacles (for each participant)

- e.g.:
- costs
  - technology readiness
  - acceptance
  - business risks
  - legal aspects