SAVE THE DATE …

… for learning & training on
Blockchain-based Waste Management

Online conference
10th Dec 2021 from 13:00 to 16:15

Registration via QR-code or
https://conference.fh-bielefeld.de/

Co-funded by the
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Blockchain-based Waste Management

The "Take, make and dispose" of our economies is on the way out. We need to steer our economies towards a "Reduce, repair, reuse and recycle" principle. This will make the idea of 'Waste' disappear, so that 'Waste' will be seen as a wasted resource.

This circular economy will require smart waste management as a core competence. One essential tool in this will be the Blockchain, a key smart technology that helps trace and track material flows and automate operations in waste management. This will be supported by using tokens that help build a decentralized system of economic incentives for rewarding behaviour changes of stakeholders.

10 Dec 13:00 – 14:30 First block: Demo of a Blockchain-based Waste Management cycle

10 Dec 14:45 – 16:15 Second block: Learning & Education about Blockchain and Waste Management

We invite you and your colleagues from industry, public services, municipalities and academia to join our workshop and to discuss the opportunities and risks of blockchain-based waste management.

13:00 Introduction BlockWASTE project (M Menegaki, NTUA Athens)
13:10 Blockchain-based Waste Management (A Uphaus, R Lenz, Bielefeld UAS)
13.20 Modelling a Blockchain for waste management
(P Smit, J Veuger, Saxion UAS, E Tääks, TalTech)
13.35 Parallel breakout sessions:
  a. Blockchain-based Waste Management (J Veuger, C Barkel, Saxion UAS)
  b. Process Redesign (P Smit, Saxion UAS, E Tääks, TalTech)
  c. Payment models and incentives (R Lenz, L Holste, Bielefeld UAS)
14:20 Reports from the sessions, poll
14:30 End of Block 1, coffee break

1st block: Blockchain-based Waste Management

14:45 Introduction BlockWASTE project (M Menegaki, NTUA Athens)
14:50 Waste management and Industry 4.0 (A Mavropoulos, former president
of the International Solid Waste Association ISWA)
15.10 Parallel breakout sessions:
  a. Co-operative learning for a Circular Economy
    (B Kleinheyer, Bielefeld UAS)
  b. Data Analytics as a core CE skill (P Tsangaratos, NTUA Athens)
16.00 Reports from the sessions, poll
16.15 End of Block 2

2nd block: Education and Learning for Digital Waste Management

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