



DigiPass Know Your Products!

HARMONIZATION OF ADVANCED MATERIALS
ECOSYSTEMS SERVING STRATEGIC
INNOVATION MARKETS TO PAVE THE WAY TO A
DIGITAL MATERIALS & PRODUCT PASSPORT

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DigiPass session at Materilas Week, June 2024: 12 SSbD projects contributed



THANK YOU VERY MUCH!



DigiPass – Know Your Products by Digitalization of Innovative Advanced Materials

- ✘ **Fostering** digitalization of innovative advanced materials (O1)
- ✘ **Strengthening** the digital maturity (O2)
- ✘ **Harmonizing** materials data sources and infrastructures (O3)
- ✘ **Ensuring Interoperability** and standardization of materials data (O4)
- ✘ **Enabling Digital Materials and Product Passport (O5)**
 - ✘ **Digital Product Passport:** legislation/ regulation
→ openly accessible
 - ✘ **Digital Material Passport:** finetuned access rights
→ used in co-innovation processes

Communication regarding DMP



✦ Data Sharing Harmonization (O3, O4)

✦ Workshop on Nanomaterial Digital Passport for Health & Safety (O1)

December 10th, 2024,
10:30 am - 12:30 am

<https://ms.hereon.de/digipass/113523/index.php.en>

DigiPass CSA Project - LCA
Questionnaire



DigiPass CSA Project - NanoSafety
Questionnaire



Upcoming Events (Demo-Cases) December 2024- March 2025



✦ Formation of 3 DigiPass Expert groups at **DCLXVI Internation Workshop**
Dec 11, 2024, at **10:30-11:30** Hybrid event: in Kaiserslautern & online
DCLXVI 2024: Registration (O3, O4)

✦ **ECCA webinar** (O2, O5)

The new Ecodesign Regulations and the Requirement for Digital Product Passports in the Markets for Prepainted Metal

Dec 12, 2024, at **14:00-15:00**

Registration: eglantine.hauchard@prepaintedmetal.eu

✦ **Composite United** f2f workshop (O2, O5)

Data & Requirements for ideal DPP for Composites

Feb 13, 2025, Stade, Germany

✦ A questionnaire and a webinar on DPP for **Organic Electronic Case** (O2, O5)

Beginning of 2025, more information will be provided soon

✦ A workshop on **Data standardisation for DPP** (O1, O5)

March, 2025, detailed information will be provided soon

Upcoming Events June 2025



✘ EUIndTech25: DigiPass focused session (O1, O2, O5)

Strategy for Materials Innovation towards Circularity:
The Role of Digital Passports in the Twin Green&Digital Transition
June 2-4, 2025, Krakow, Poland

✘ DigiPass-CIRPASS Conference (O3, O4, O5)

Digitalization for Circularity and Digital Product Passports – Coupling
Regulations and Innovation
June 16-18, 2025, LIST, Luxembourg

Additional Joint Activity

- ✘ Harmonization of (molecular) modelling protocols → SSbD criteria ?? (O3)
- ✘ Contributions to CWA on Modelling & Characterisation data documentation (O4)
- ✘ Data availability and re-usability investigation (for demo-cases and beyond) (O1, O2, O5)

Newsletter #1



<https://ms.hereon.de/digipass/>

<https://ms.hereon.de/digipass/113998/index.php.en>

THANK YOU!



Know Your Products!



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