EU Digital Product Passports –
Advancing Sustainable & Circular Products

Evelyn Ritter, Senior Solutions Engineer
Mackenzie Coon, Solutions Engineer
3E

Presenter biography

As Senior Solutions Engineer, Evelyn applies technology to simplify the complex world of product compliance, supplier outreach, and sustainability for manufacturers and customers. She has collaborated with a variety of compliance, sustainability and circularity initiatives, including serving on the committees for the Health Product Declaration, Product Circularity Data Sheet, and USGBC. Prior to 3E, she worked in product stewardship for the furniture manufacturer Herman Miller and helped commercialize a screening technique for PFAS chemicals. Evelyn holds a B.S. in Engineering from Hope College in Michigan.

Presenter biography

Mackenzie is a Solutions Engineer out of Denver, Colorado working within 3E's Supply Chain and Sustainability Business line.

She has experience helping companies across industry sectors tackle complex challenges of data sharing of sustainability and compliance attributes within supply chains by using Digital Product Passports.

Mackenzie B.A in Environmental Studies and Business Administration from the University of South Carolina and she is a LEED Green Associate with USGBC..

Presentation abstract

In an era marked by increasing environmental awareness by consumers and investors, the European Union's Digital Product Passports have emerged as a groundbreaking solution for advancing sustainability, chemical safety, and circularity in the manufacturing and data collection for products. The Digital Product Passports or DPPs are specifically designed to help make environmentally friendly products more cost-effective by ensuring the value of raw materials is maintained at end-of-life. In addition, the expandable DPP framework is used to improve data exchange throughout the supply chain. Suppliers can publish data via product passports to manufacturers, such as full material disclosure (FMD), REACH, RoHS, TSCA, and even PFAS information. This session will delve into the regulatory framework of the EU Digital Product Passports and explore their significance, functionality, and potential impact on both EU and US product stewardship.