



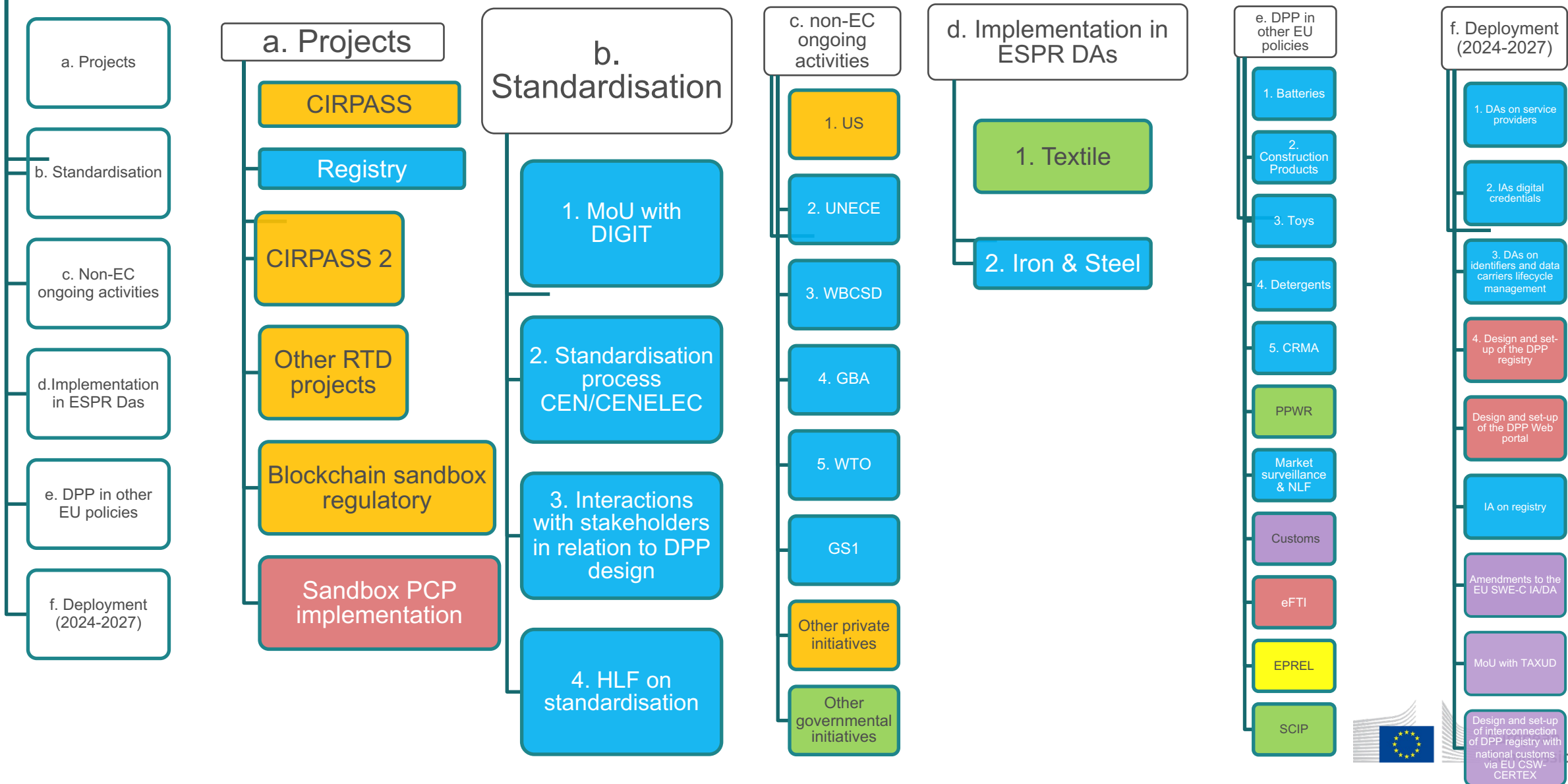
Digital Product Passport (DPP)

State of play and future outlook

William NEALE
Adviser on Circular Economy (DG Environment)



DPP - TEAM



The Great Acceleration

See: Global Resource Outlook, UN International Resource Panel (published 1st March 2024)



Inefficient use of resources

- **Global extraction of materials tripled** since 1970; **waste generation** set to increase **70%** by 2050;
- Over **90% of biodiversity loss and water stress** from resource extraction and processing



Planetary boundaries exceeded

- EU has less than 10% of world population, yet its **consumption-based impacts are close to or exceed boundaries** for climate change, particulate matter, land use and mineral resources (Sala et al, 2020)



New business opportunities

- **Better functioning of the Single Market**
- Improved **material efficiency and lower input costs**
- Circular **“value retention”** business
- **Level playing field**

Decoupling Resource Use from Wellbeing

Source: Global Resource Outlook, UN International Resource Panel (2024)

