

The potential of Digital Product Passports In promoting a Circular Economy

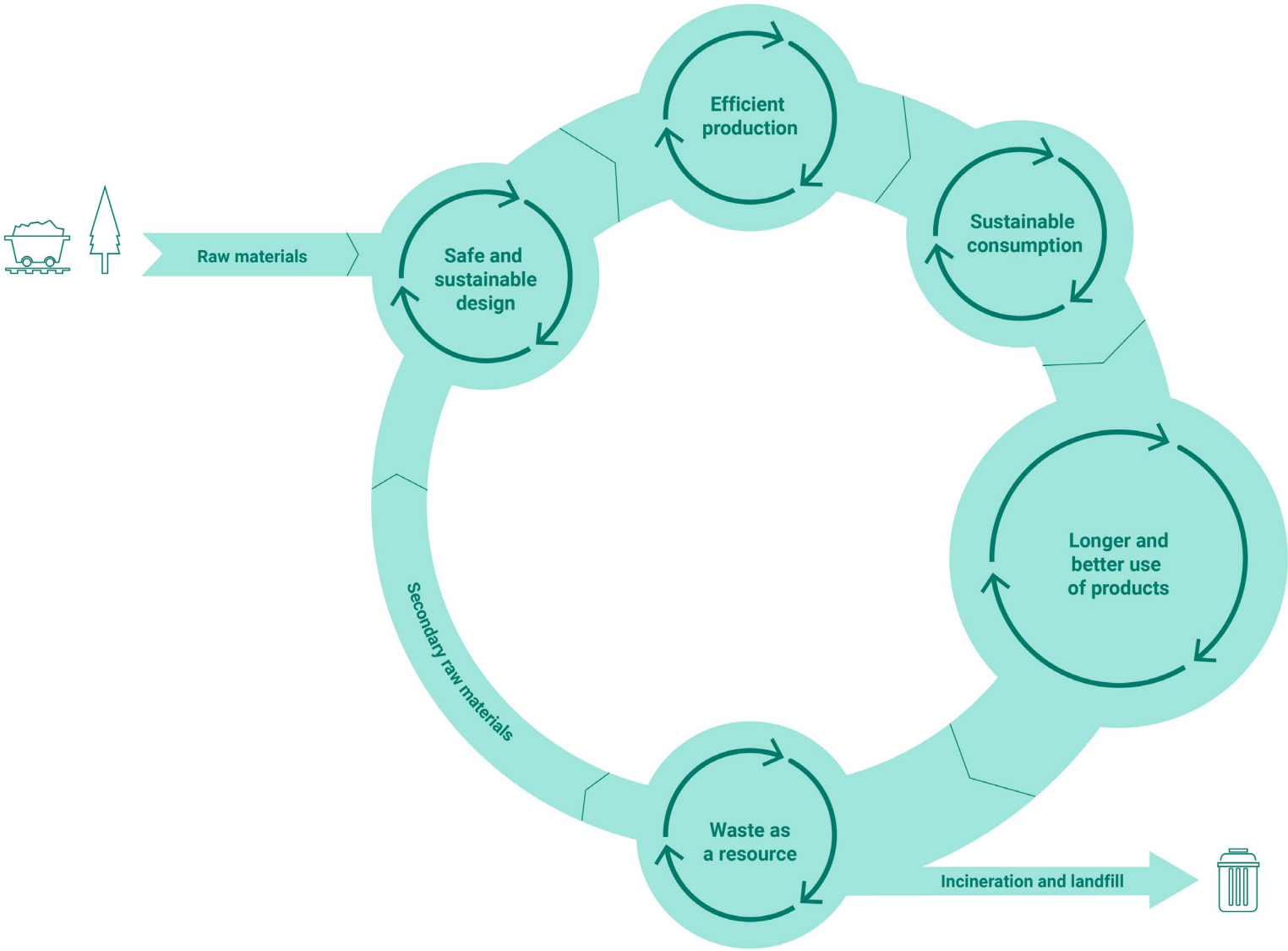
9 November 2023

European Environment Agency

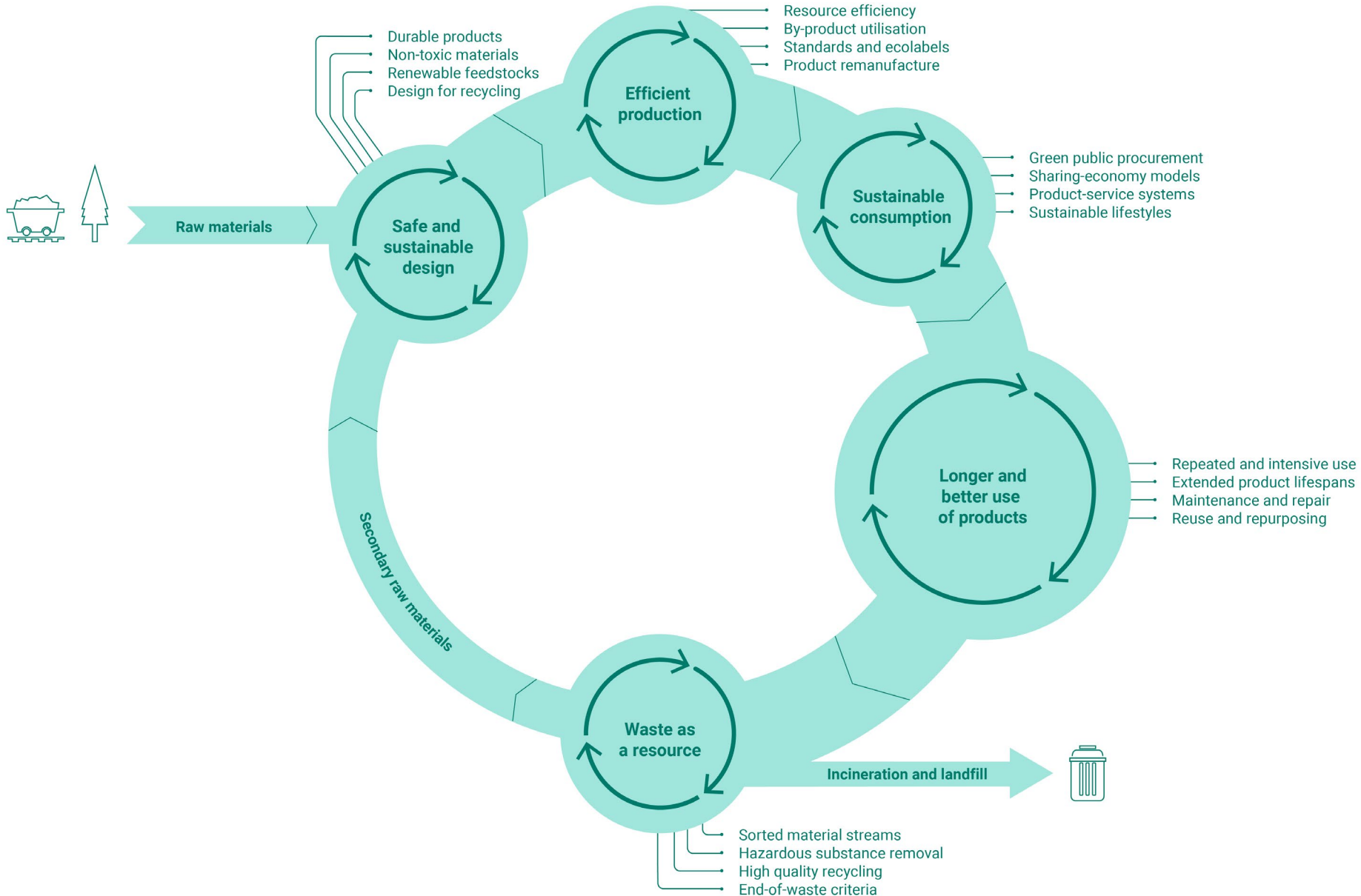


Ioannis Bakas, European Environment Agency

Circular economy: a vision for sustainability



What is it exactly?



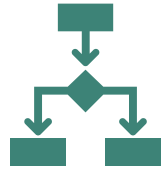
What is a digital product passport?

- Set of data **specific** to a **product**
- **Electronically** recorded and processed
- **Available** to actors across the value chain
- May contain **information** on bill of materials, origin, disassembly etc.
- Can be **static** or **dynamic**

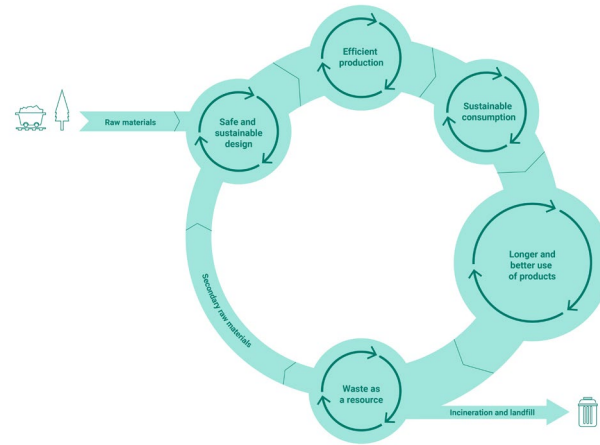


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How can Product Passport information help?



Informed decisions



Maintenance



Repair

Monitoring



Recycling



What are the barriers

- **Data accessibility (confidentiality)**
- **Data quality**
- **Harmonisation**
- **Governance**



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What is it next in the EU?

Home > ... > Products - labelling rules and requirements > Sustainable products > Ecodesign for Sustainable Products Regulation

Ecodesign for Sustainable Products Regulation

The new regulation will improve EU products' circularity, energy performance and other environmental sustainability aspects.

The new “Digital Product Passport” will

- provide information about products' **environmental sustainability**
- be **easily accessible** by scanning a data carrier
- include attributes such as the **durability** and **reparability**, the **recycled content** or the availability of **spare parts** of a product.

A large sculpture of a fish, constructed entirely from discarded plastic waste, sits on a cobblestone pier. The fish's body is a dense, colorful mass of plastic items including bottles, caps, and containers in various colors like blue, red, yellow, and green. Its tail is a bundle of long, thin plastic sticks. The sculpture is positioned on a grey cobblestone pier next to a body of water. In the background, a blue sky with white clouds is visible, along with a distant building and a green buoy in the water. A semi-transparent blue banner with the text "Thank you" is overlaid on the right side of the image.

Thank you