



Asset information management

Waternet on the road to a data driven organization



Who are we?



Yvonne Hidding · 1st

Business informatie analist en procestechnoloog bij Waternet

The Randstad, Netherlands · [Contact info](#)



Waternet



Wageningen Universiteit en
Researchcentrum



Alexander Worp

Asset Information Manager

Amsterdam, North Holland, Netherlands · [Contact info](#)

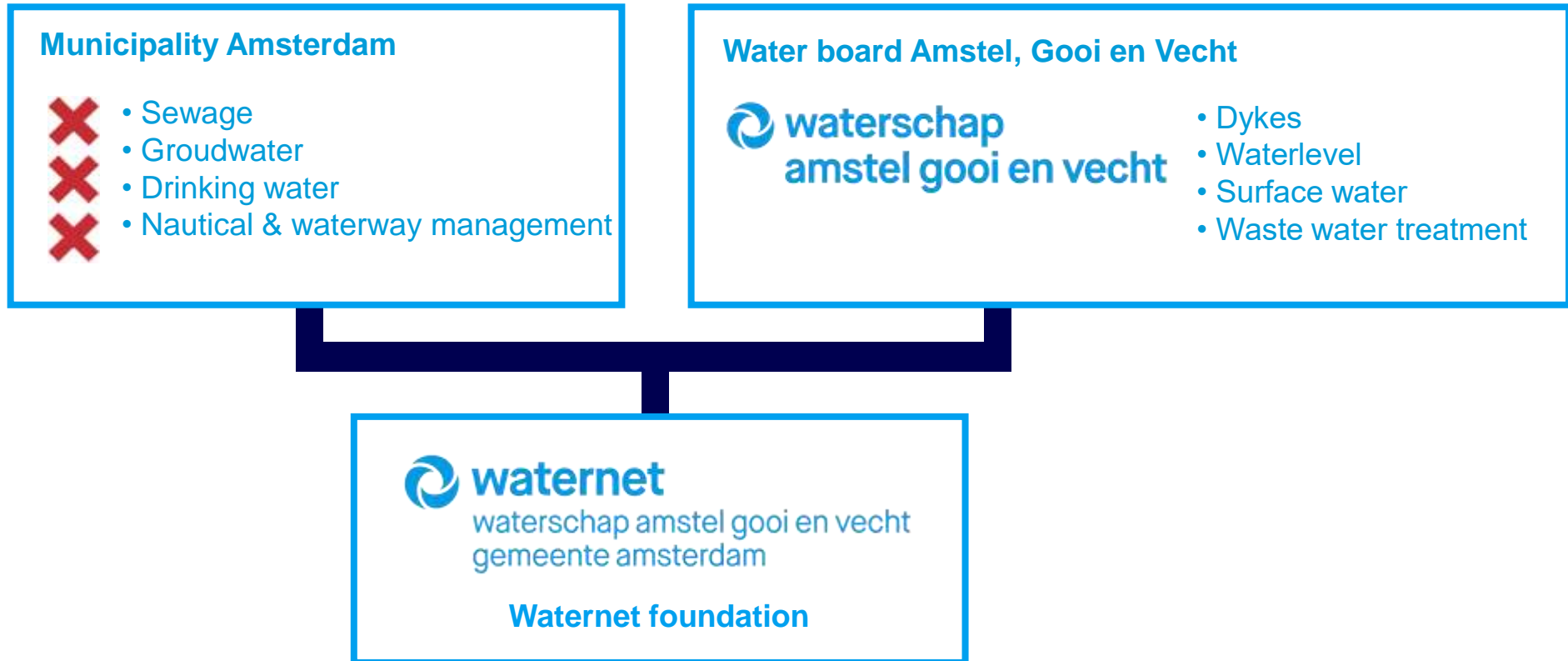


Waternet



Technische Universiteit Delft

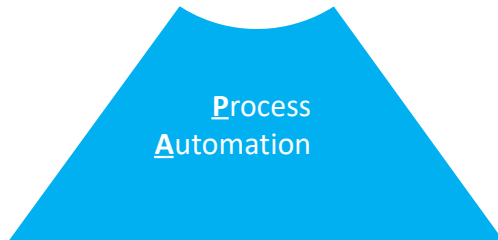
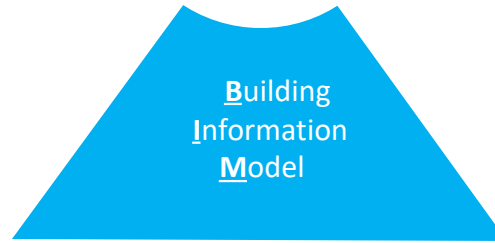
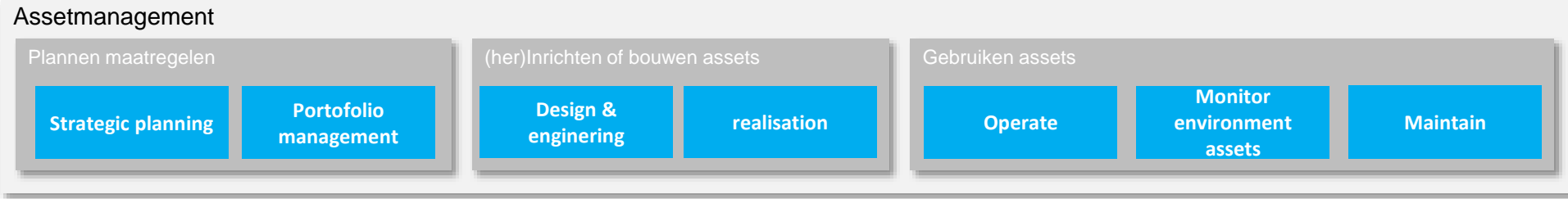
Clients



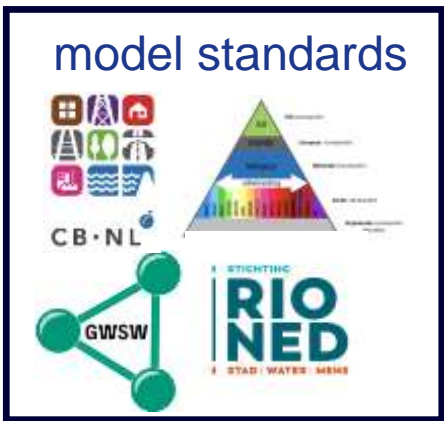


Structure in the data for the information products

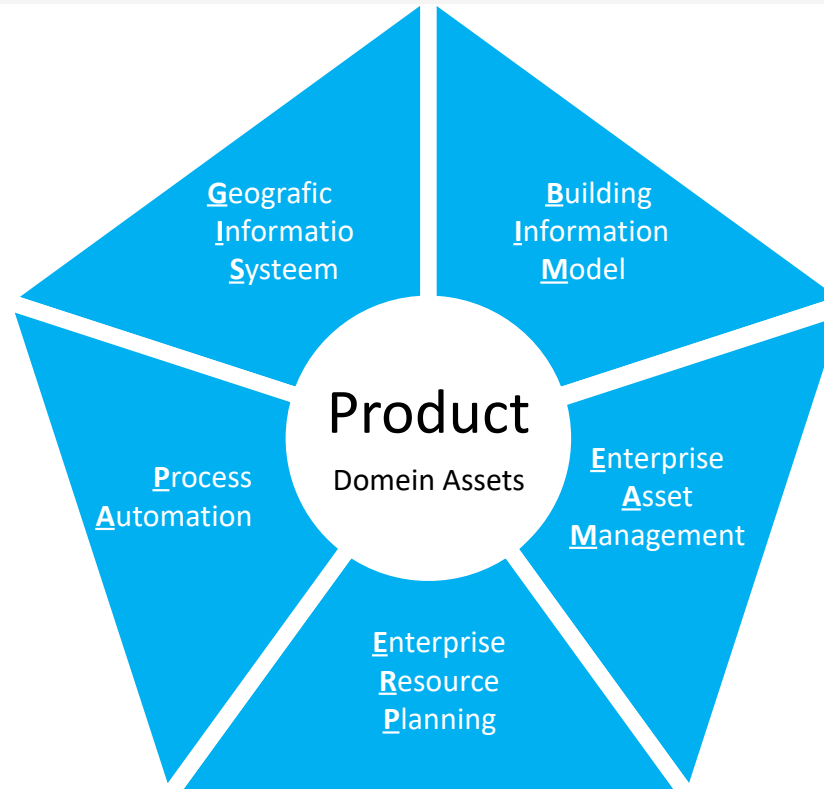
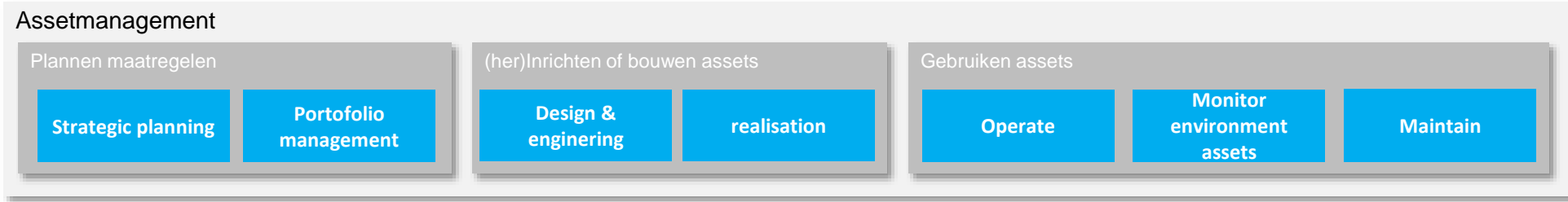
From structured data in our data sources



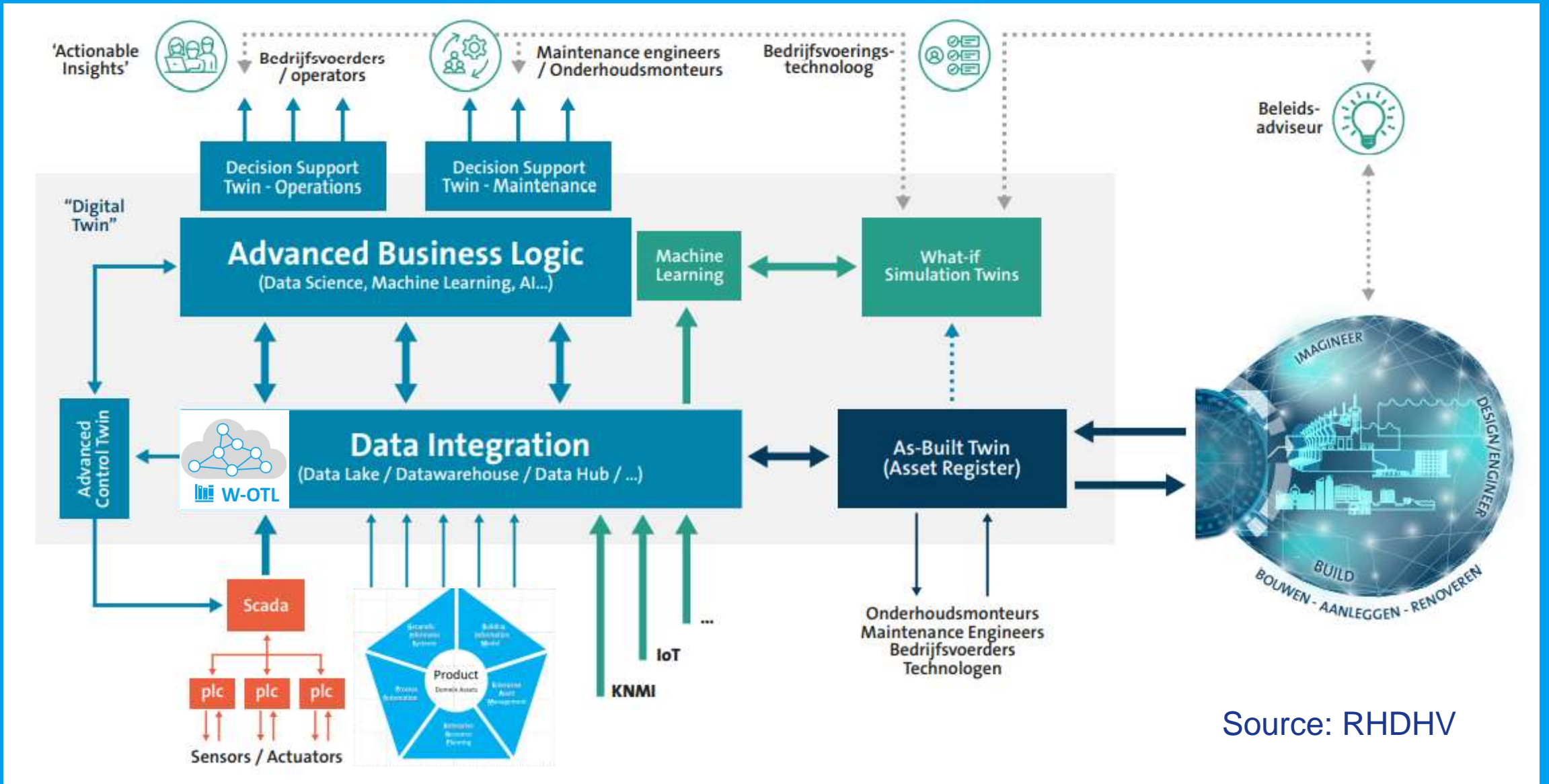
Systemen & databronnen



to processes where informed integral decisions are made for the accomplishment of our objectives



The Integrated Digital Twin Dream



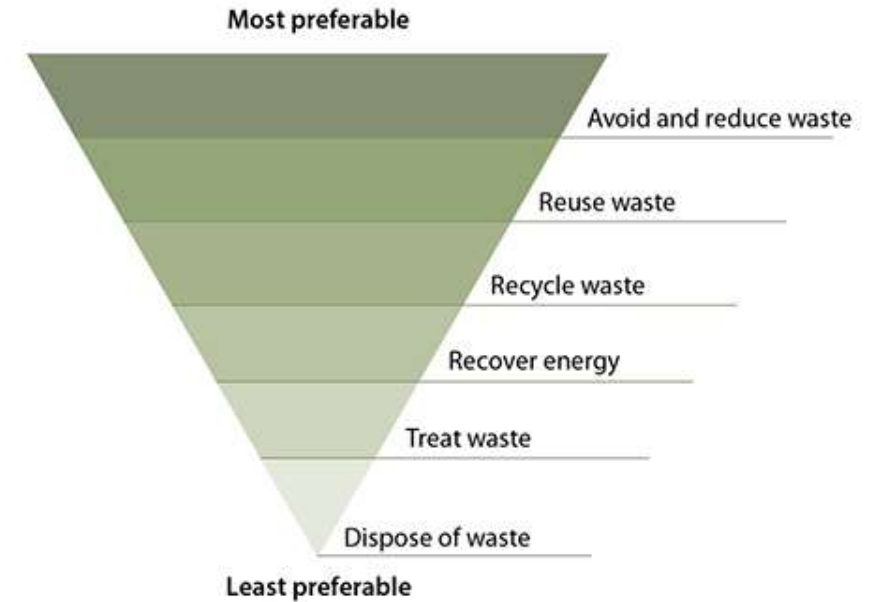
Source: RHDHV



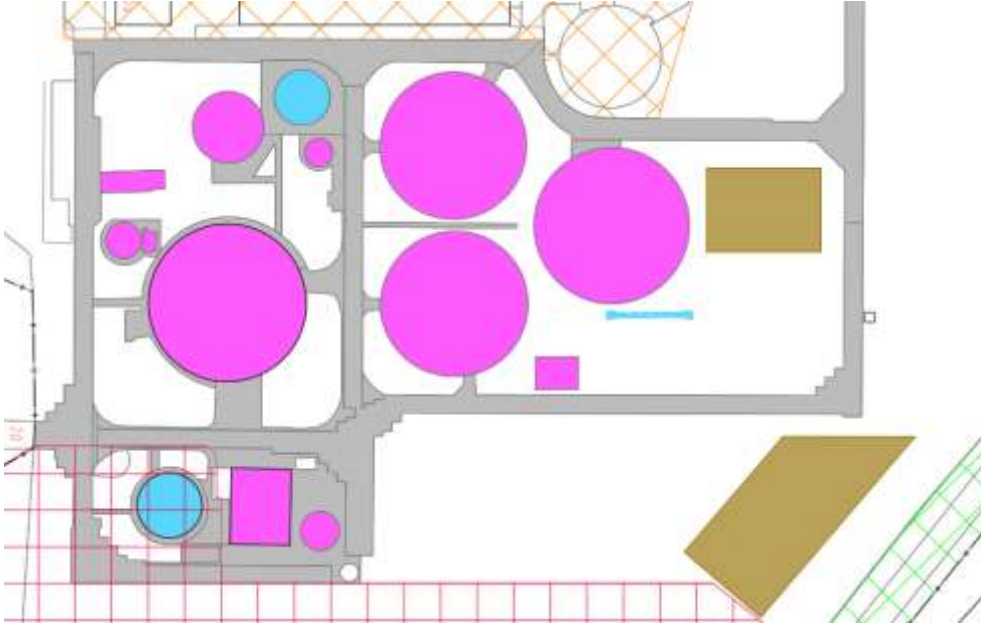
moving towards
the digital twin for
Circular Asset Management

Becoming circular

- By 2030 half of our resources is no longer virgin materials
- So, we need to get this from either the market, or reuse our own resources.
- Started doing this with a Wastewater Treatment Plant



Destruction & repurpose of wwtp

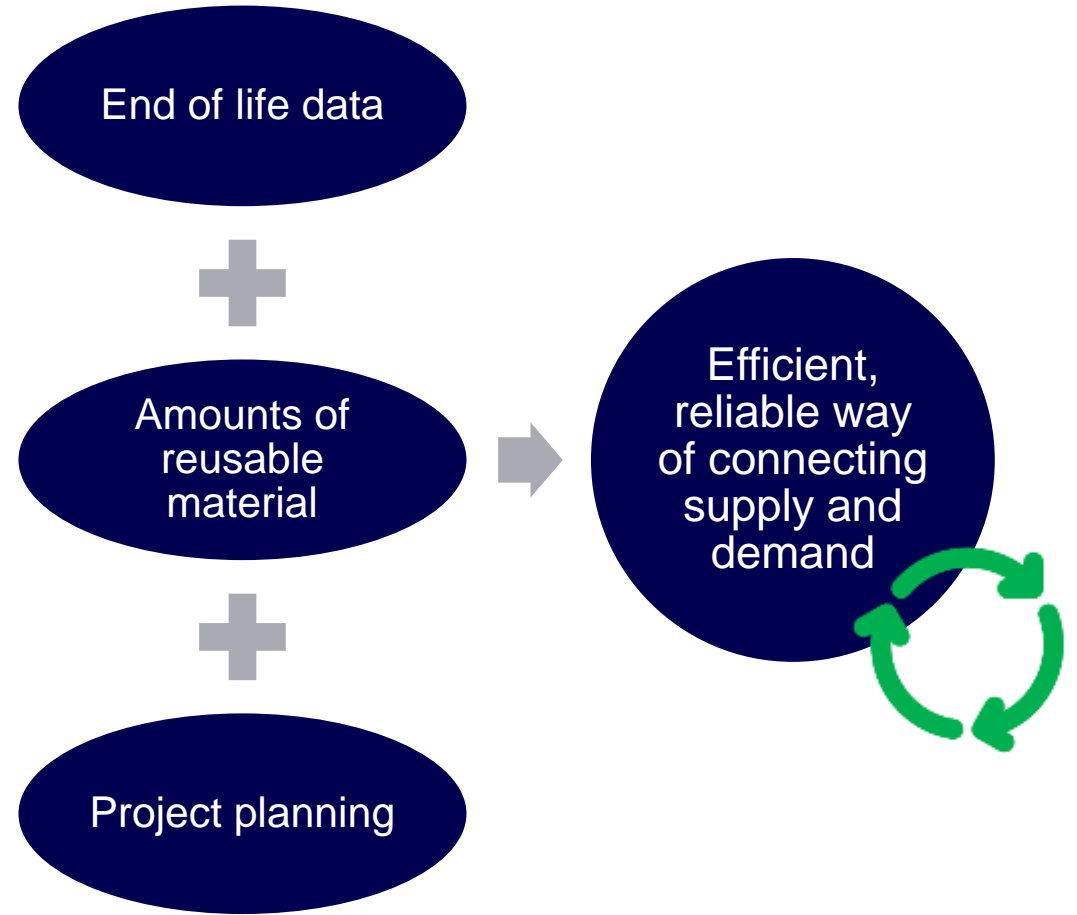


Calculating amounts of reusable materials:

- Takes time
- End up with rough estimations
- Not easily put on the market



Underground pipe network digital twin



Question's

“It’s really hard to design products by focus groups. A lot of times, people don’t know what they want until you show it to them.”

— Steve Jobs

“Change is the law of life, and those who look only to the past or present are certain to miss the future.”

— John F. Kennedy



“If I had asked people what they wanted, They would have said faster horses.”

— Henry Ford

How do you look at data? Or the information shown?

The story behind the data is perhaps more important than the data itself.

Or

rather, the reason why we miss certain data may be more significant than the data itself.

Abraham Wald, mathematician

