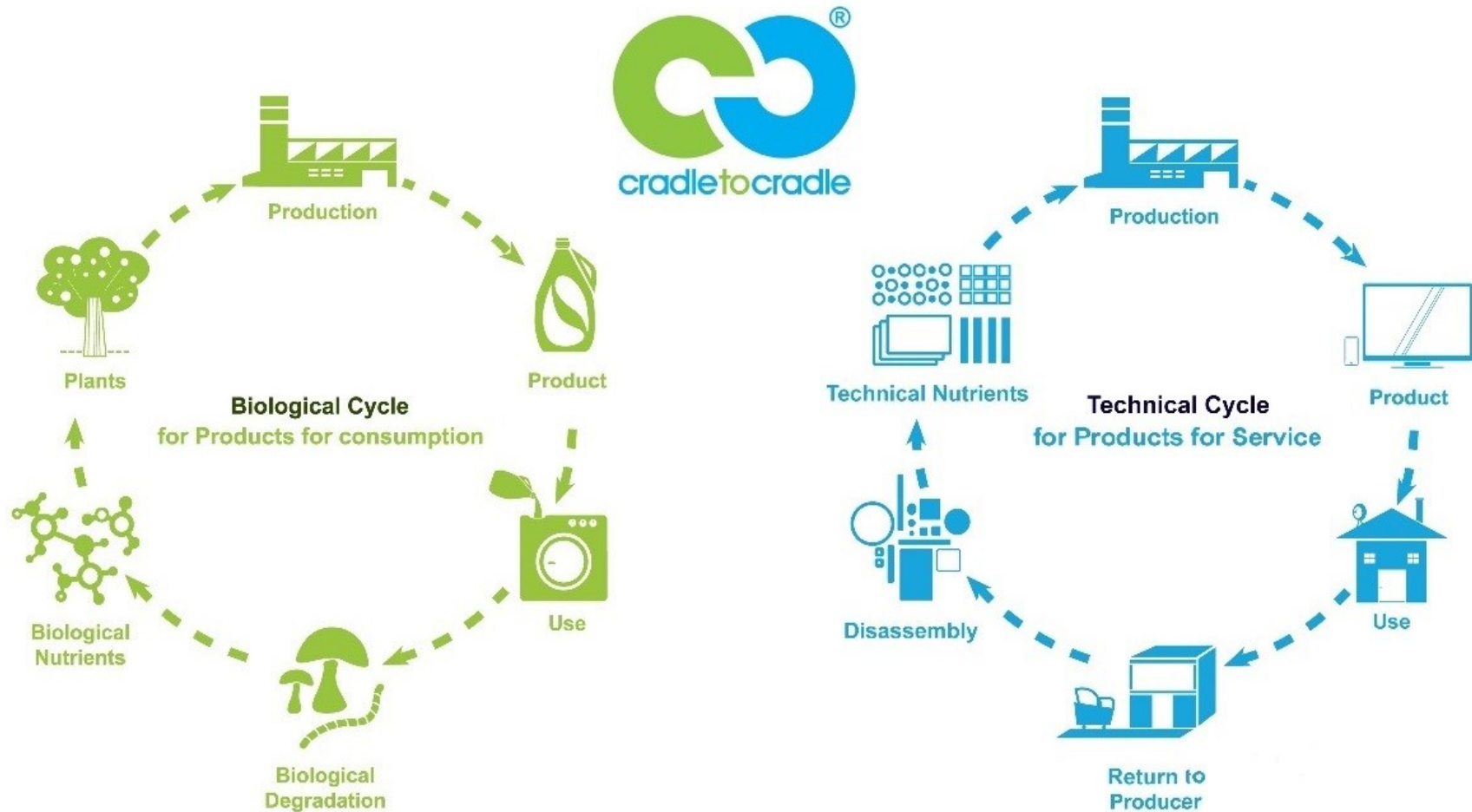


Biosphere

Technosphere



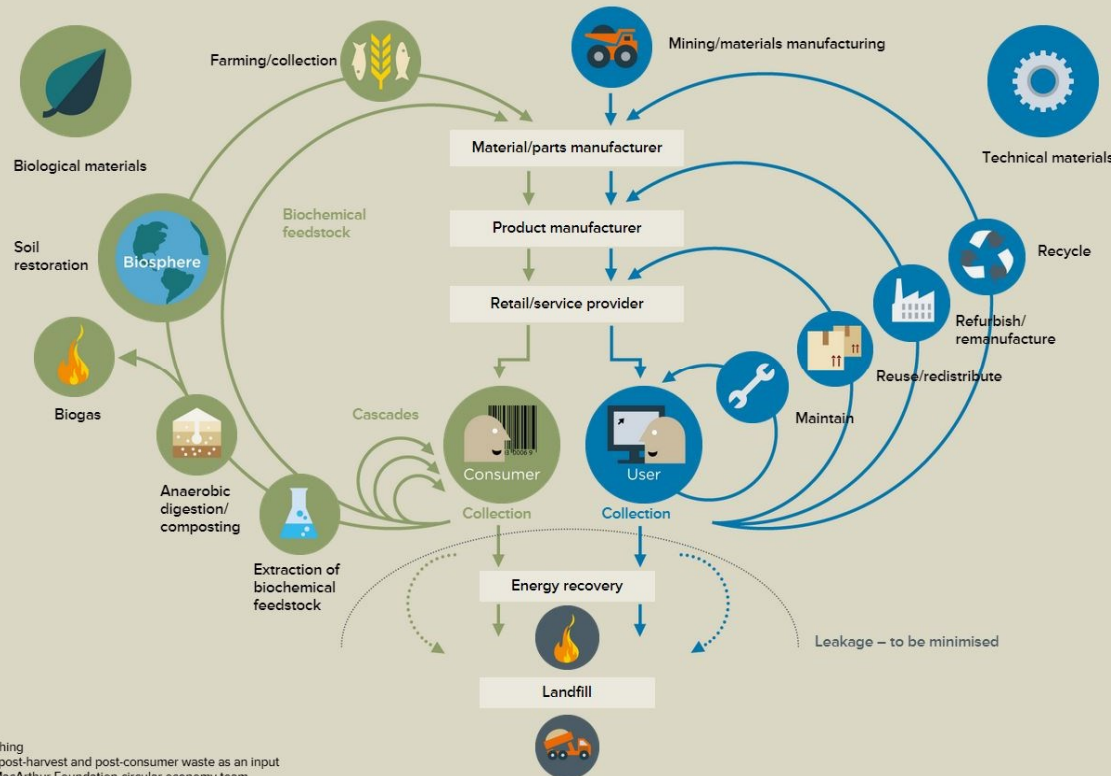
The “technosphere” should be structured in analogy to the biosphere





What is the circular economy?

THE CIRCULAR ECONOMY AN INDUSTRIAL SYSTEM THAT IS RESTORATIVE BY DESIGN



Principle 1: Preserve and enhance natural capital

...by controlling finite stocks and balancing renewable resource flows.

Principle 2: Optimise resource yields

...by circulating products, components, and materials at the highest utility at all times in both technical and biological cycles

Principle 3: Foster system effectiveness

...by revealing and designing out negative externalities

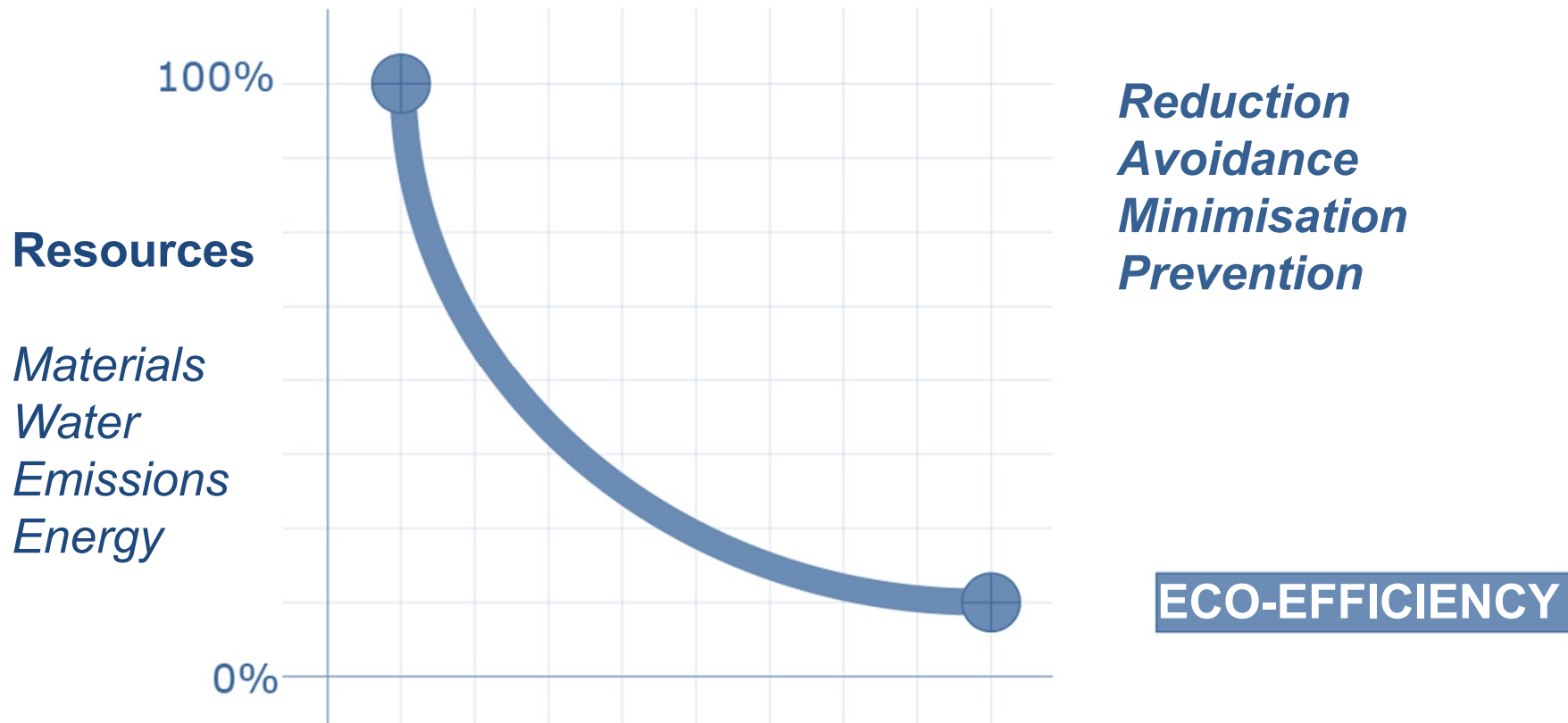
The circular economy provides multiple value creation mechanisms that are decoupled from the consumption of finite resources. In a true circular economy, consumption happens only in effective bio cycles; elsewhere use replaces consumption.

Source: Ellen McArthur Foundation



Cradle to Grave

Target is Zero Harmfulness





Cradle to Cradle®

All-encompassing quality and usefulness

