

THE CRITICALITY FOR A CIRCULAR ECONOMY

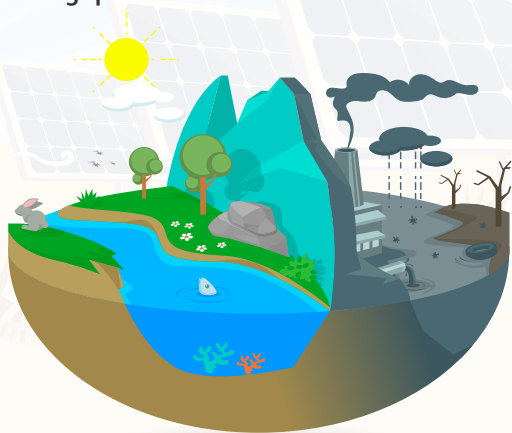


1.7 EARTHS

Needed to replenish the resources consumed and absorb the pollution currently generated

At this rate, three Earths will be needed by 2050

Traditional business practices will contribute to a global gap of



8 BILLION TONS

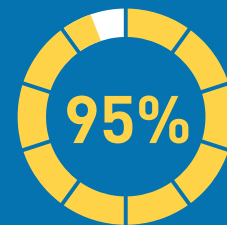
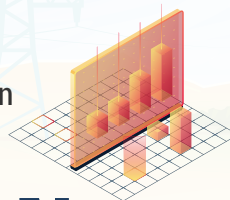
between the supply and demand of natural resources by 2030

IN 2016

45 MILLION TONS

of e-waste were generated, with an uncaptured raw material value of

\$55 BILLION



of most plastic packaging value is lost after its initial use
– an annual loss of

\$80-120 BILLION



COMPONENTS OF A CIRCULAR ECONOMY



Aims to eradicate waste by sustaining, recovering and regenerating resources.



Replacing ownership models with usage services, such as selling driving time instead of selling cars



Using technology to maximize the use of underused assets like hotel rooms and vehicles



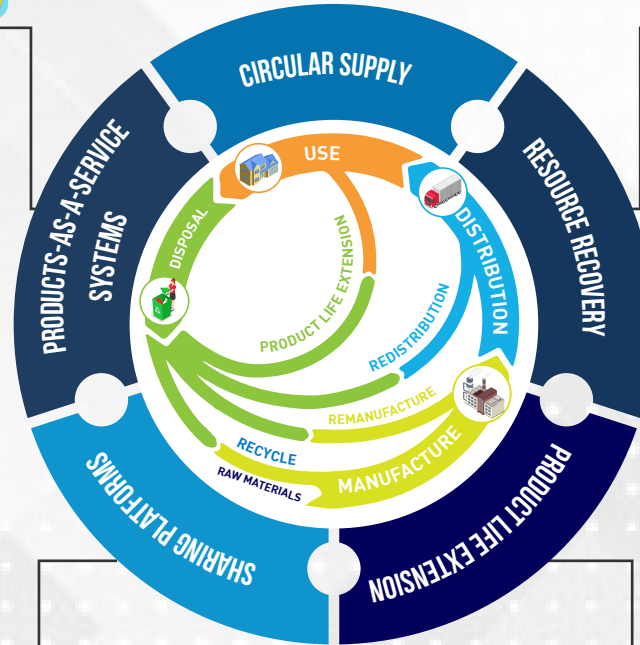
Use recycled materials repeatedly, thus saving costs and bringing predictability to the supply chain



Recycle waste into raw materials, diverting waste from final disposal



Re-manufacturing used products to give them a longer life



CIRCULAR ECONOMY UNLOCKING AN ECONOMIC TROVE



ADVANCES IN DIGITAL TECHNOLOGIES UNDERPIN THE EMERGENCE OF THE CIRCULAR ECONOMY

Rise of the circular economy is expected to unlock

\$4.5 TRILLION

new economic growth by 2030 Potentially, could increase to

\$25 TRILLION BY 2050

KEY DRIVERS

Global recognition of
resource depletion



Cultural shifts demanding
greater sustainability



Pressure on companies to
increase operational
efficiencies



Advancements in digital
technologies



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