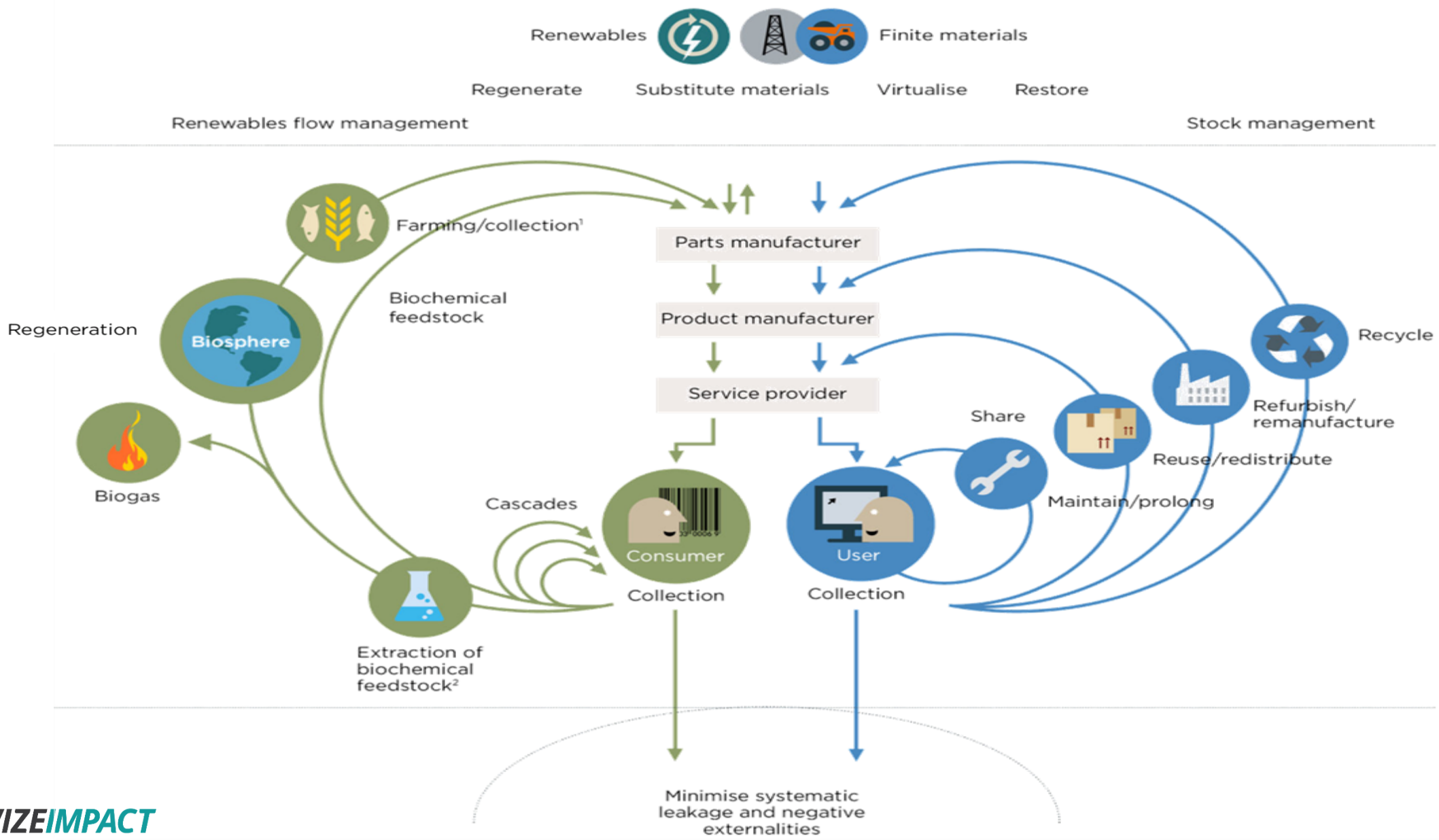
A Human-embeded Circular Economy to attain SDGs faster

CIRCULAR ECONOMY 2.0

@AlexLemille

The Environment-Economy Nexus



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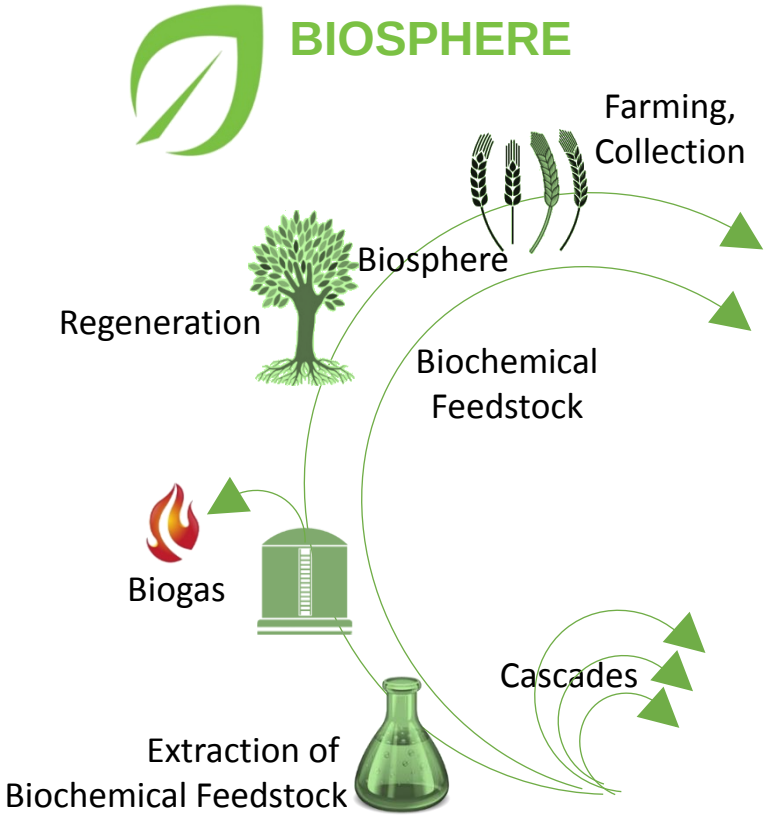
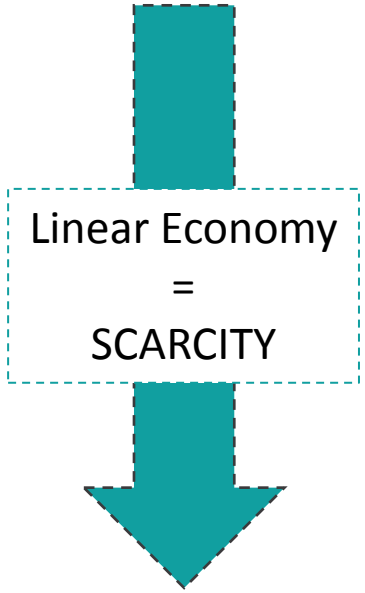
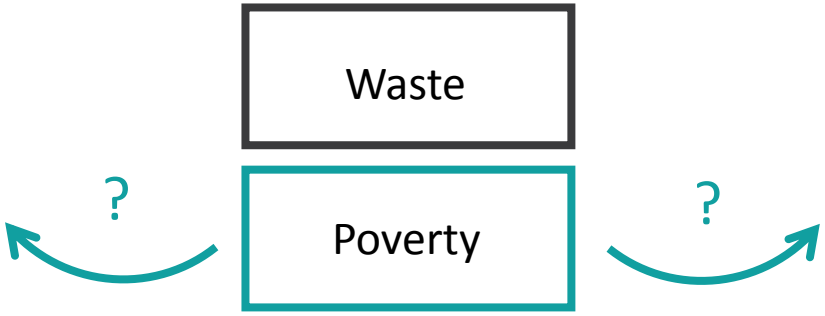
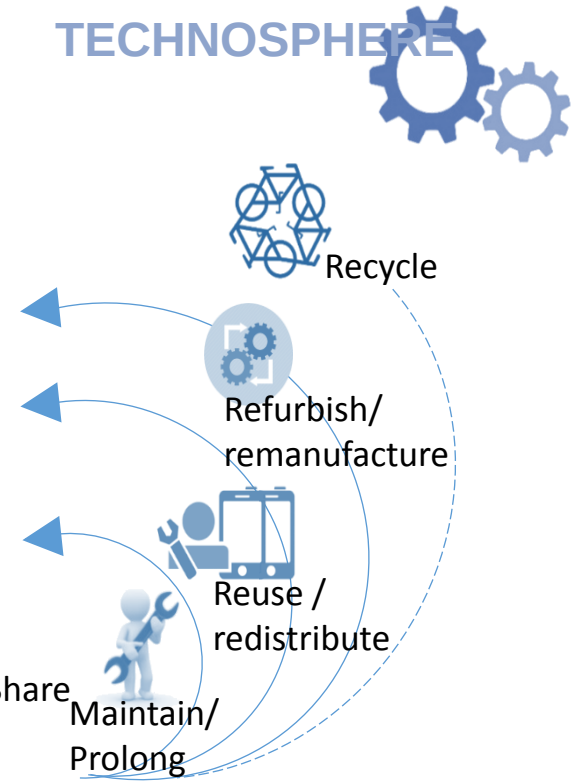
Social Dimension & Well-being









Source: A. Lemille, adapted from the "Butterfly Diagram" of the Ellen MacArthur Foundation

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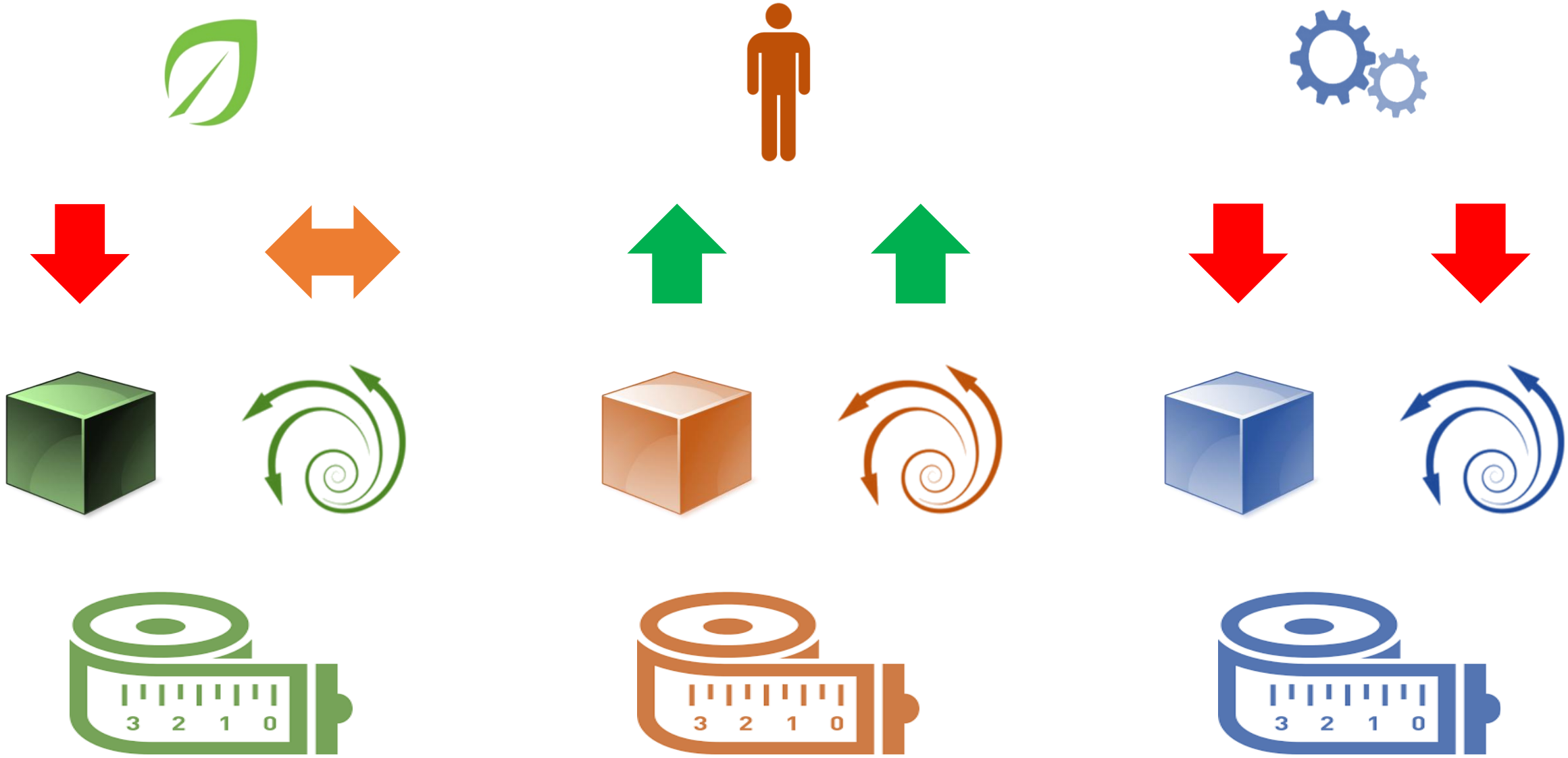
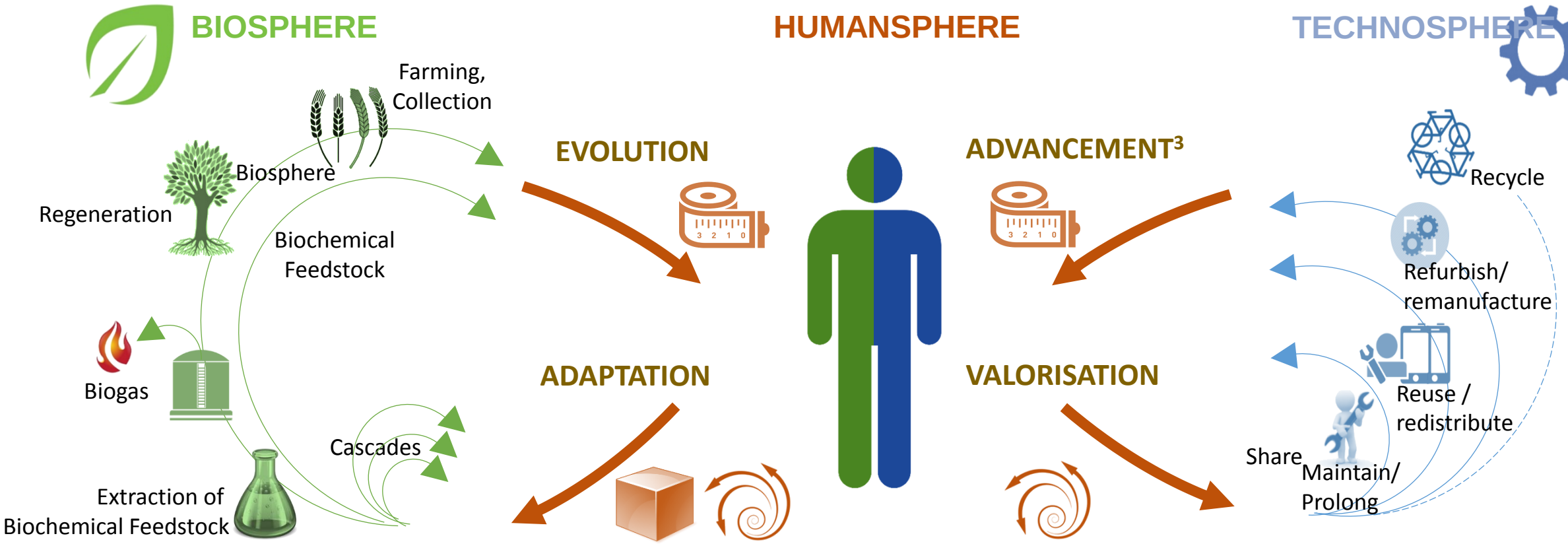
Stocks & Flows based Concept



Inserting a Humansphere



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HUMAN-AS-A-RESOURCE

REGENERATIVE ACTIVITIES

HUMAN-AS-A-SERVICE

REGENERATIVE JOBS

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Humansphere Examples

Manpowered Extension, Ghana
>30 yrs of prolonging life (Suame Cluster)
200,000 people – 12,000 businesses

Humans replacing bees, China
Hand Polinisation of fruit tree flowers
Maoxian region, Sichuan, China

Tax scarce resources?

Humans assisting, Germany
Mercedes S-Class requires too many customisations for robots only

Drop labour tax?

Hand-repaired, Sweden
Prolonging life via repairs
VAT drop: from 25% to 12%

”Humans are Underrated”, USA
Missed Tesla Model 3 targets due to lack of human versatility

Recover human energy?

Paid to Cycle, The Netherlands
Cyclists could be paid up to €60 per month + related avoided costs

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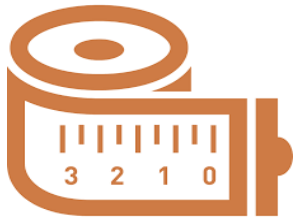
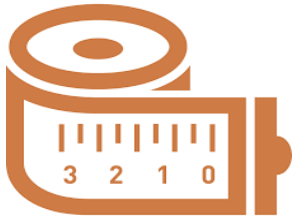
Optimizing Circular Value (#OCV)





EVOLUTION

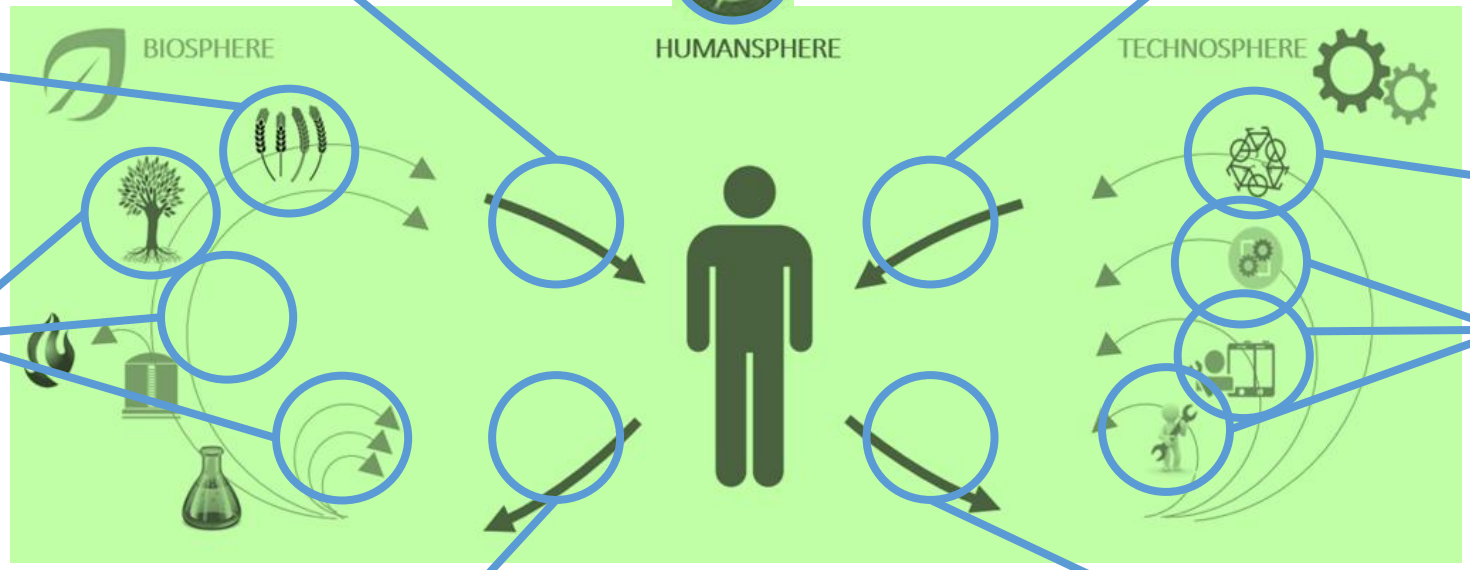
ADVANCEMENT[3]

Abundant energies

Improved life & health

Improved human development

Regenerated lands



Recycling phased out

Decoupled bio-nutrients

Decoupled tech-nutrients

Valued human roles

Valued manpower

Reused resources

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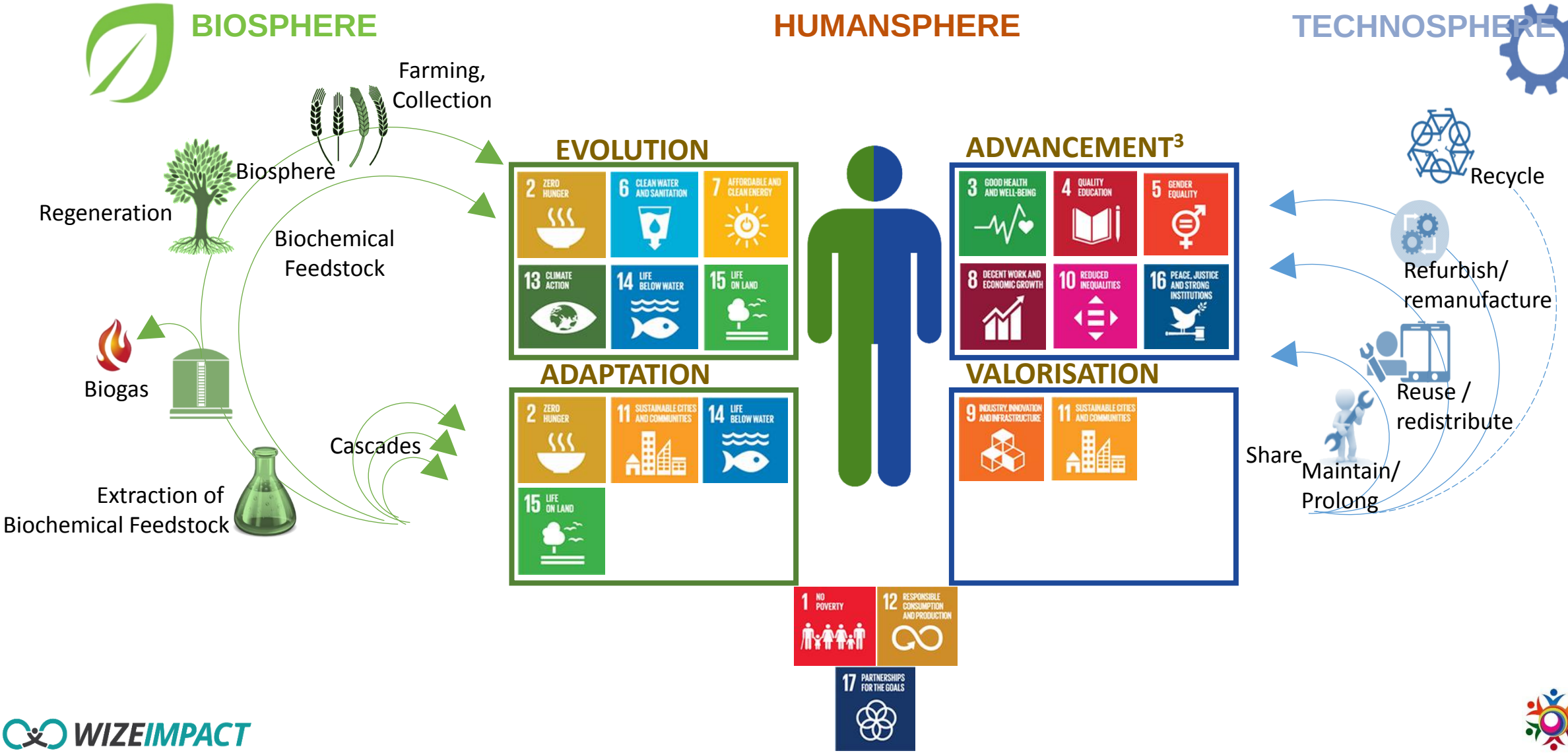
Faster Attainment of SDGs



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Thank You

SUSTAINABLE DEVELOPMENT GOALS

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