

## Laurent Maeder



- ❑ Co lead Circular Economy Transition
- ❑ 25 years of expertise in the field of innovation and sustainable development - textile industry and various industries in Europe and Asia
- ❑ International experience in project management, circular economy, factory audits and Cradle to Cradle certification.
- ❑ Lecturer at Sumas School - Master & Bachelor sustainable innovation and circular economy

# circular economy TRANSITION



**sanu durabilitas**  
**le think and do tank pour un avenir durable!**

[www.sanudurabilitas.ch](http://www.sanudurabilitas.ch)

**Impact Hub Switzerland**  
*Stronger together*

[www.impacthub.ch](http://www.impacthub.ch)









# A linear economy ...

## Materials use increase



	2011	2060
 Metals	8Gt	20Gt
 Fossil fuels	14Gt	24Gt
 Biomass	20Gt	37Gt
 Non-metallic minerals	37Gt	86Gt



Climat



Resources



Soils



Water



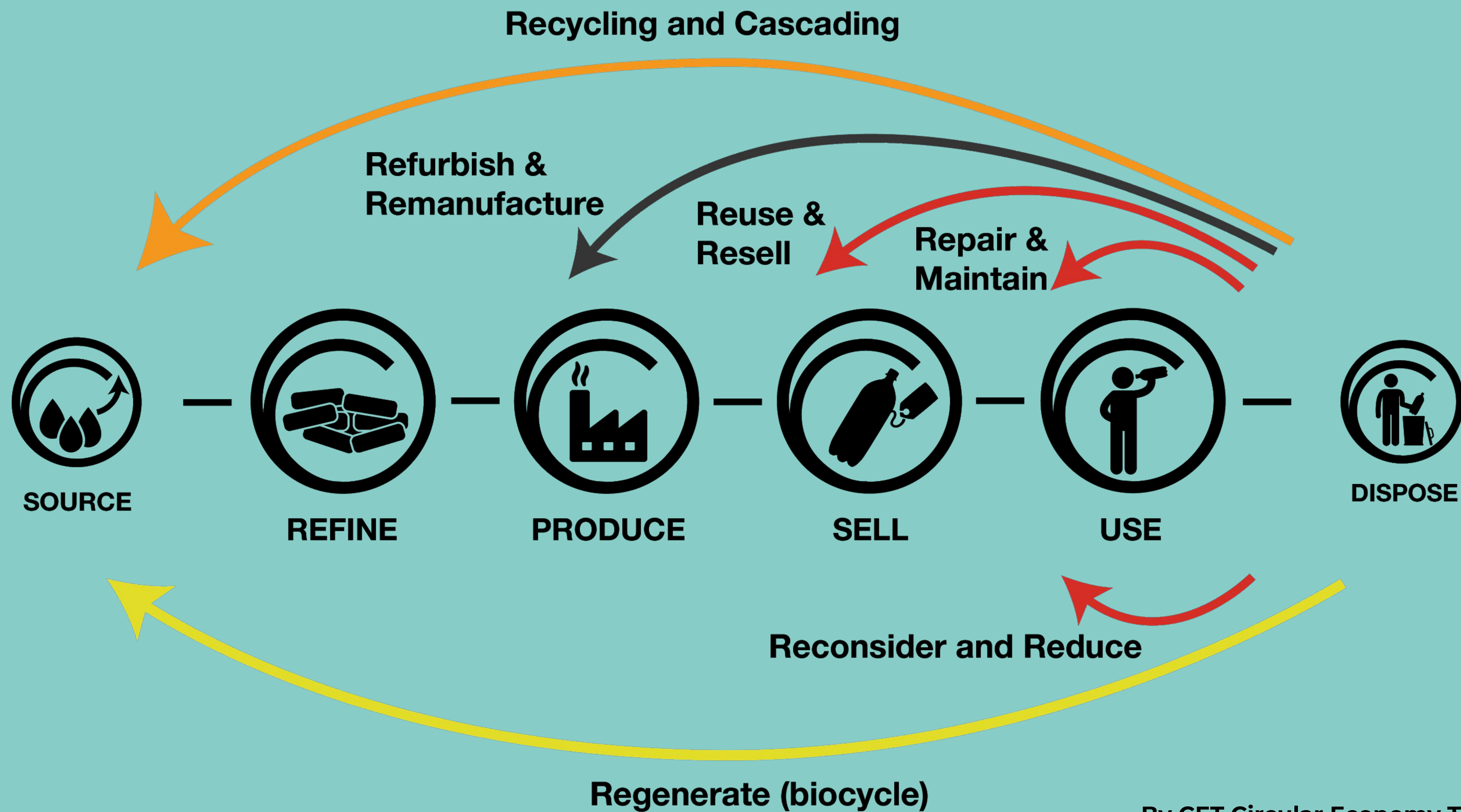
air



Waste



# Circular Economy



# value chain vs supply chain !



Use of non-toxic substances for human and the environment – safe materials and products design



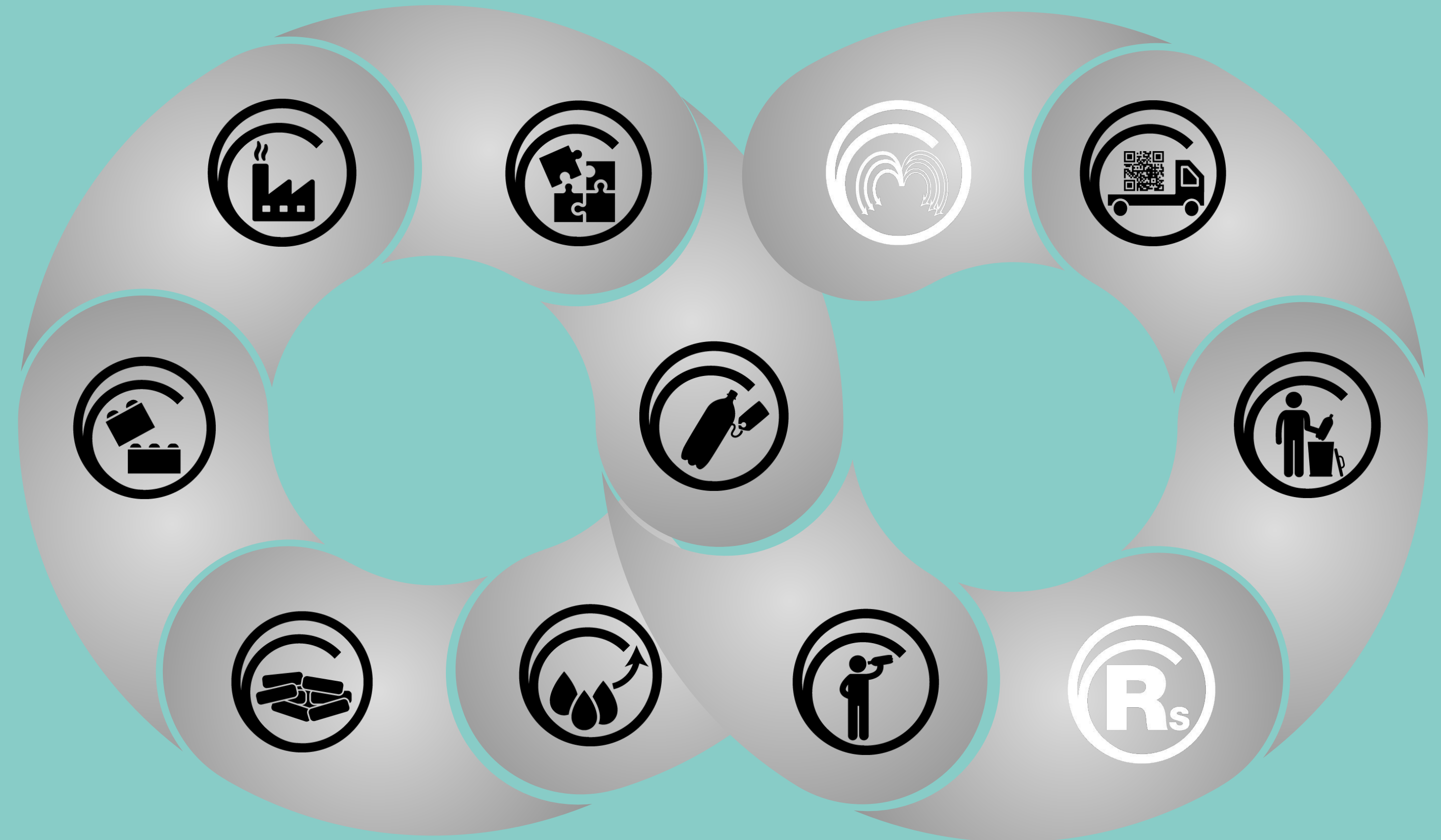
Energy efficiency and renewable energy



Management of environmental impacts



Social equity



Digital technologies such as artificial intelligence, the Internet of Things, blockchain or big data, create new possibilities in terms of product traceability and transparency.

However, it's important to ensure that the development of digital technologies does not come at the expense of other sustainability objectives such as the reduction of greenhouse gas emissions or the quality of jobs.