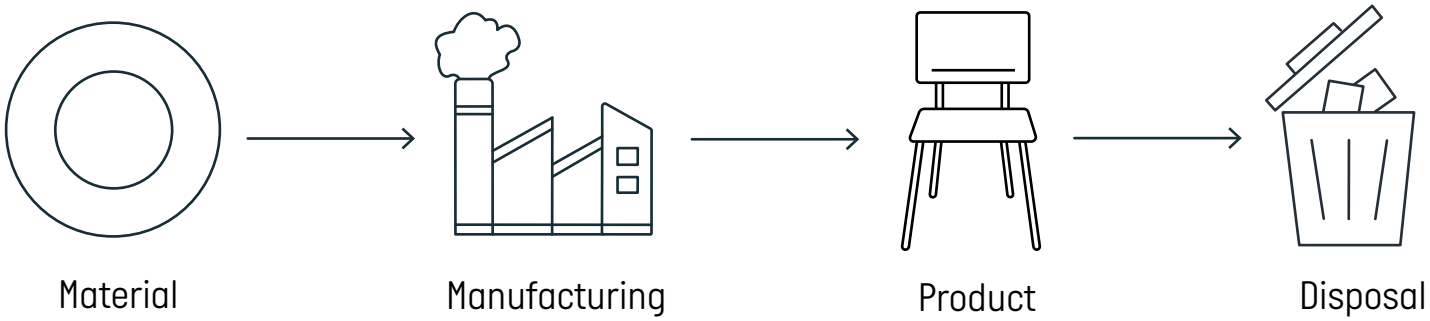
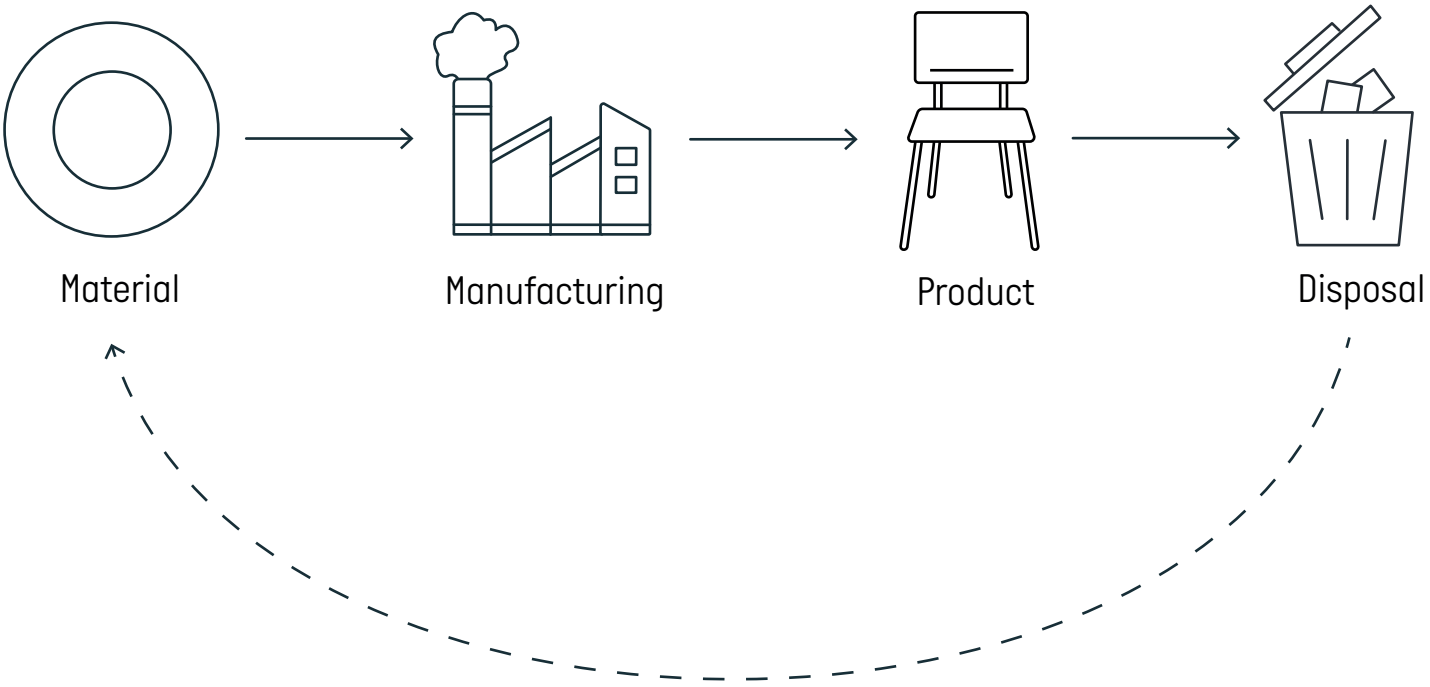
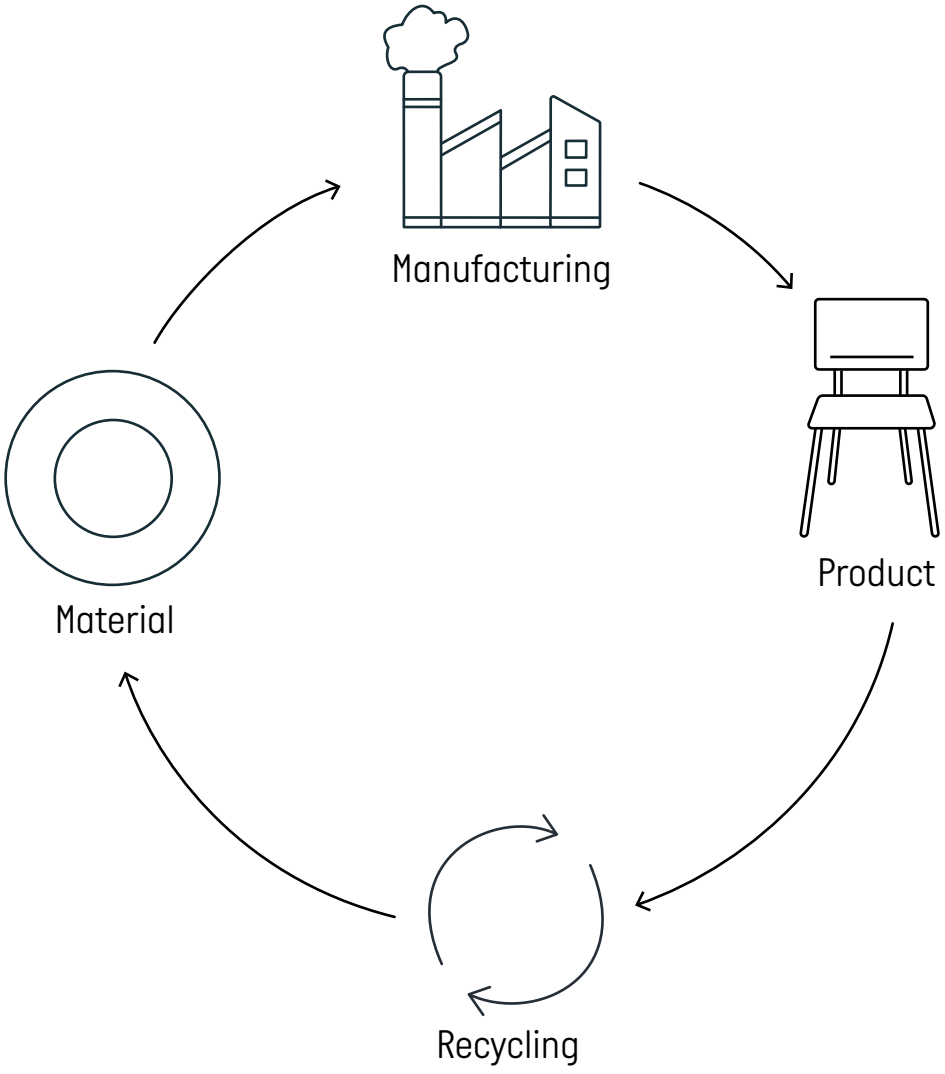
LINEAR ECONOMY



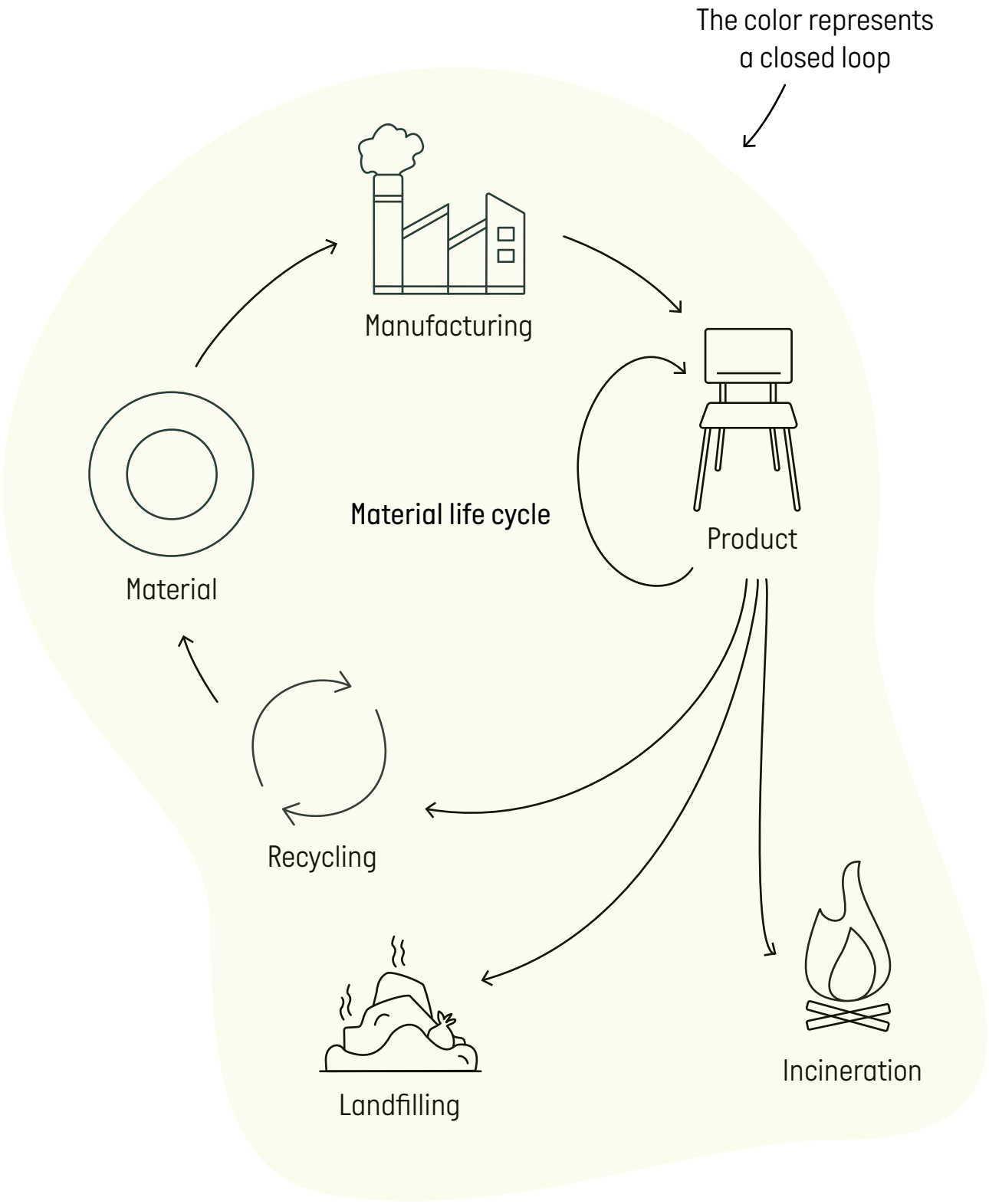
WHAT IF?



CIRCULAR ECONOMY

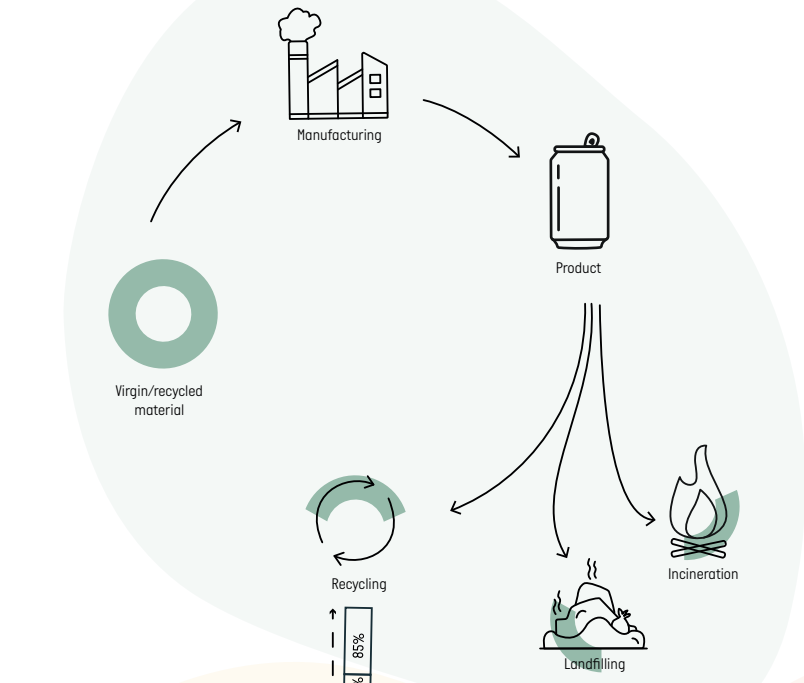


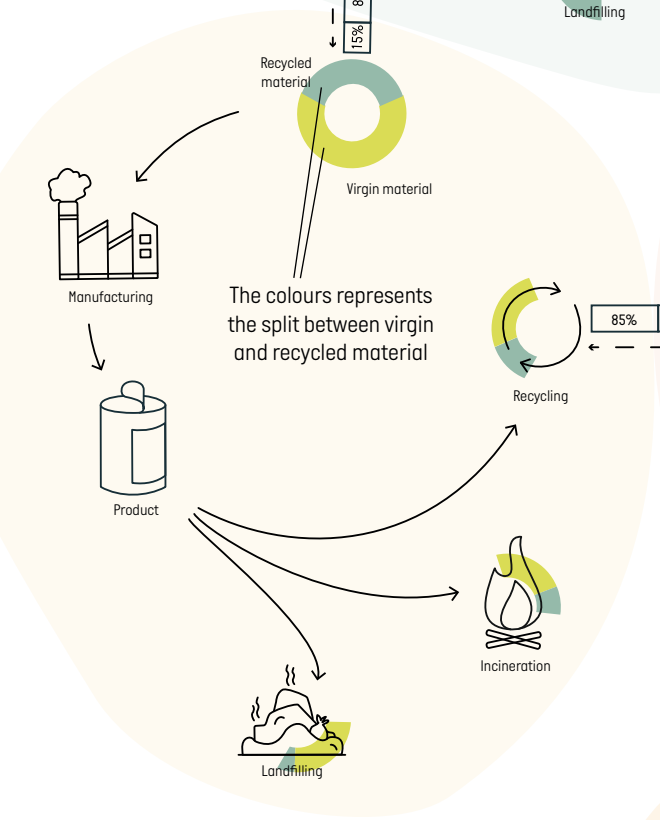
CIRCULAR FOOTPRINT FORMULA

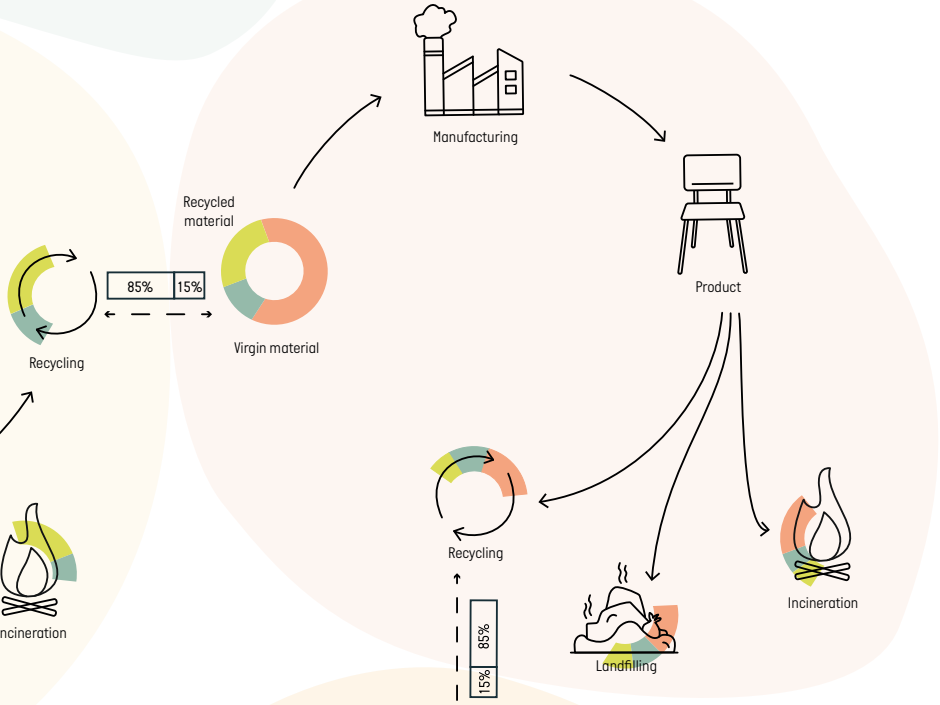


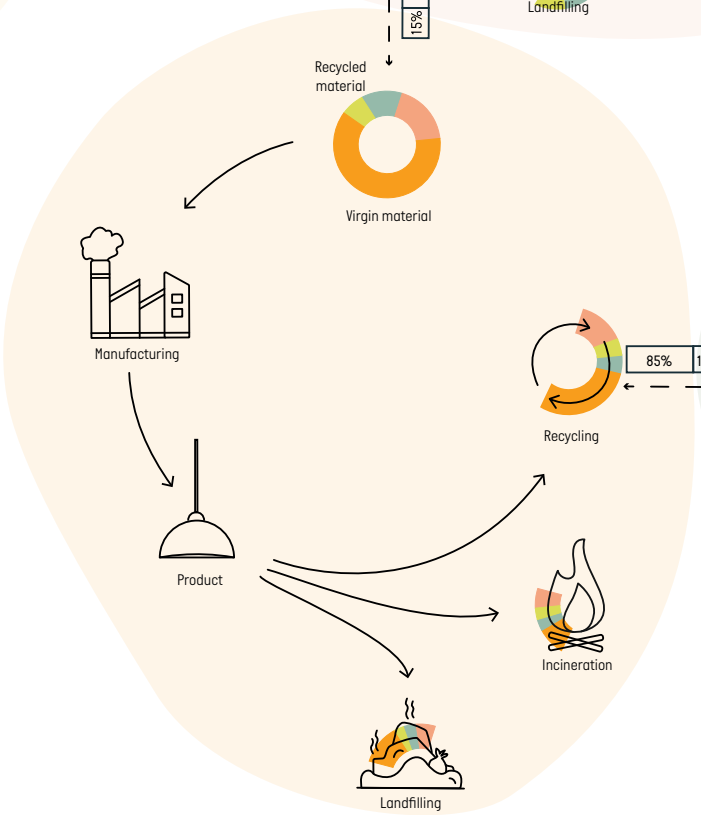
ALUMINIUM

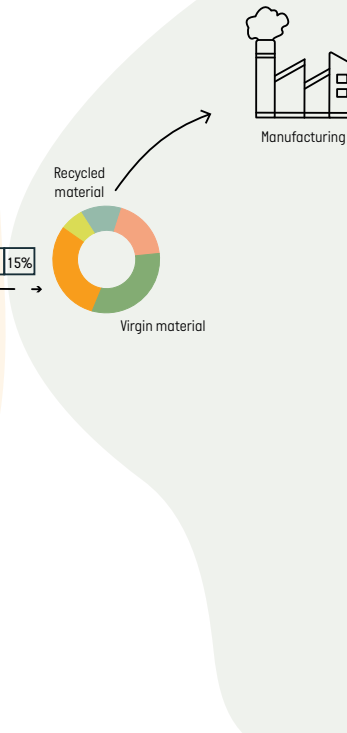
Material life cycle of aluminium











Disclaimer: The scales are imaginary

The A-factor

The A factor in the Circular Footprint Formula (CFF) is defined as allocation factor of burdens and benefits (which we call credits in our illustration) between supplier and user of recycled materials.

This ensures a fair and consistent calculation of emissions and resources across recycling loops.

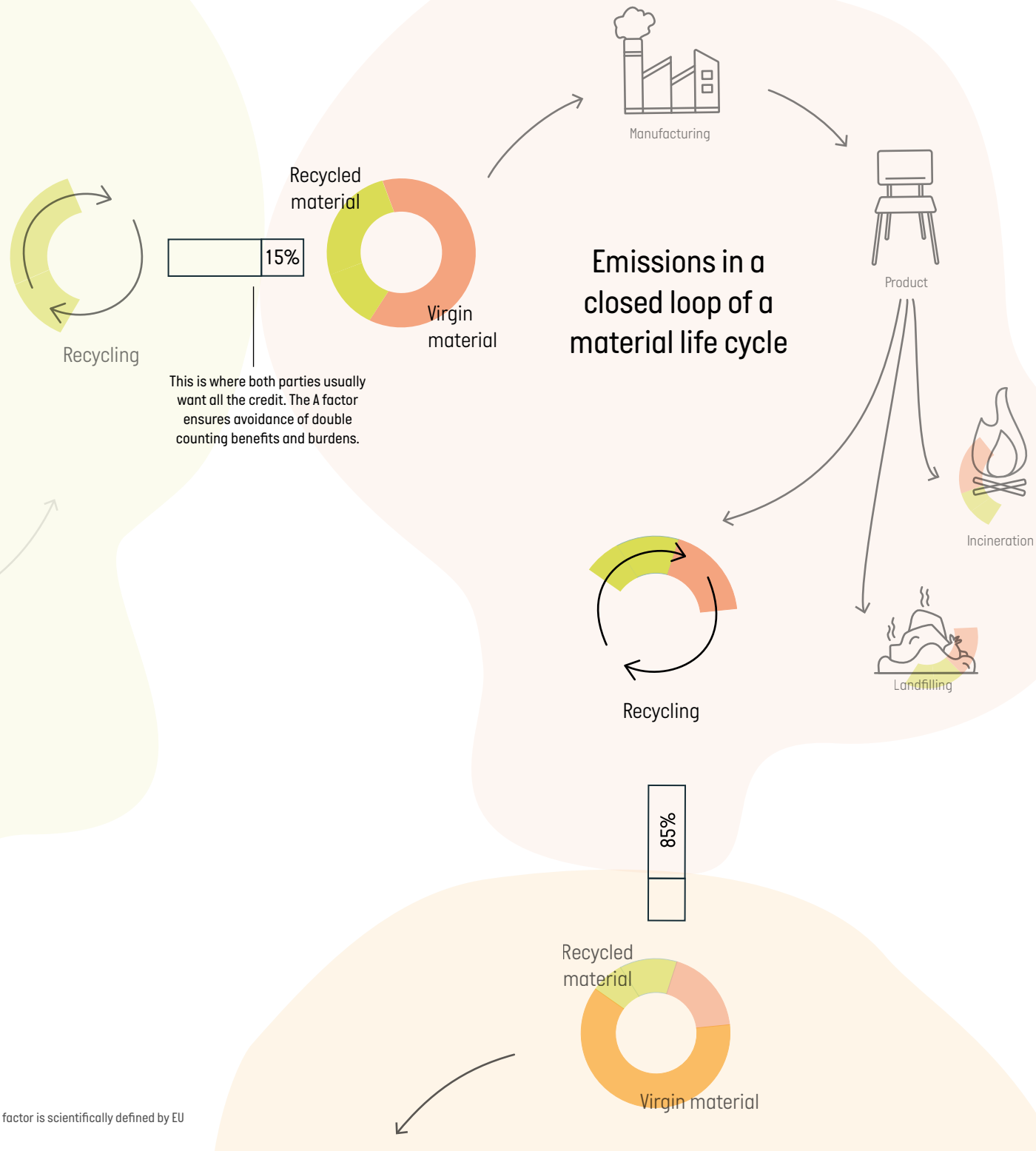
*The A factor is scientifically defined by EU

CIRCULAR FOOTPRINT FORMULA

Material life cycle of aluminium

The A-factor for metals is 0.2* (or 20%). This means that one gets most credit for ensuring that the metal is recycled at End of Life (1-A = 0,8 or 80%), then you get for using recycled materials. This is because metal has quite effective recycle chains so it is more important to focus on ensuring that the metal is not lost to incineration or landfilling at End of Life, but instead is disassembled and picked up for recycling.

Subsequently when you calculate the CFF formula with 0.2, you get an allocation of emissions that is 20% from recycled aluminium and 80% from recycling the aluminium at End of Life.



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