



Energy efficiency through cooperation within the Swedish aluminium industry.

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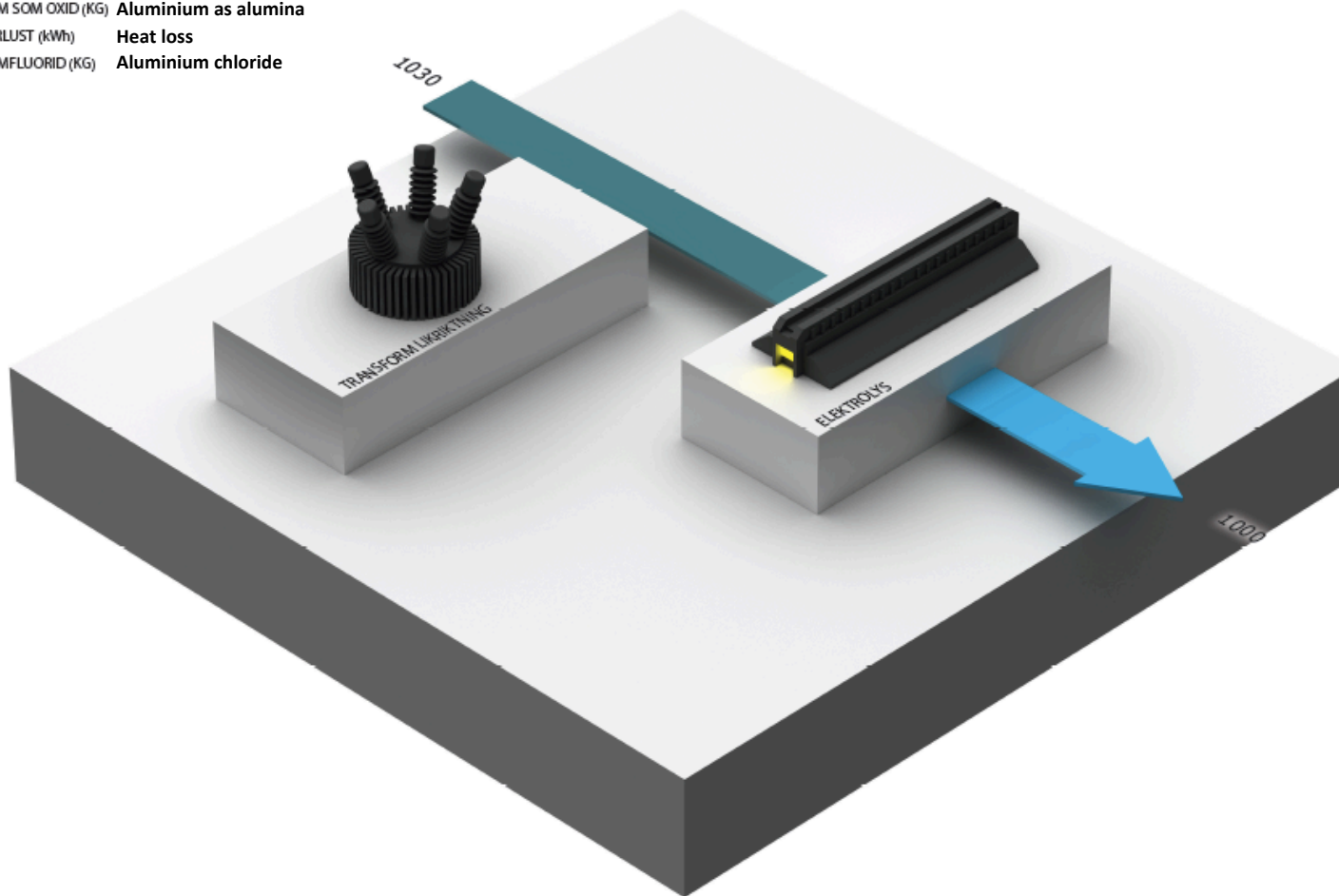


SVENSKT ALUMINIUM



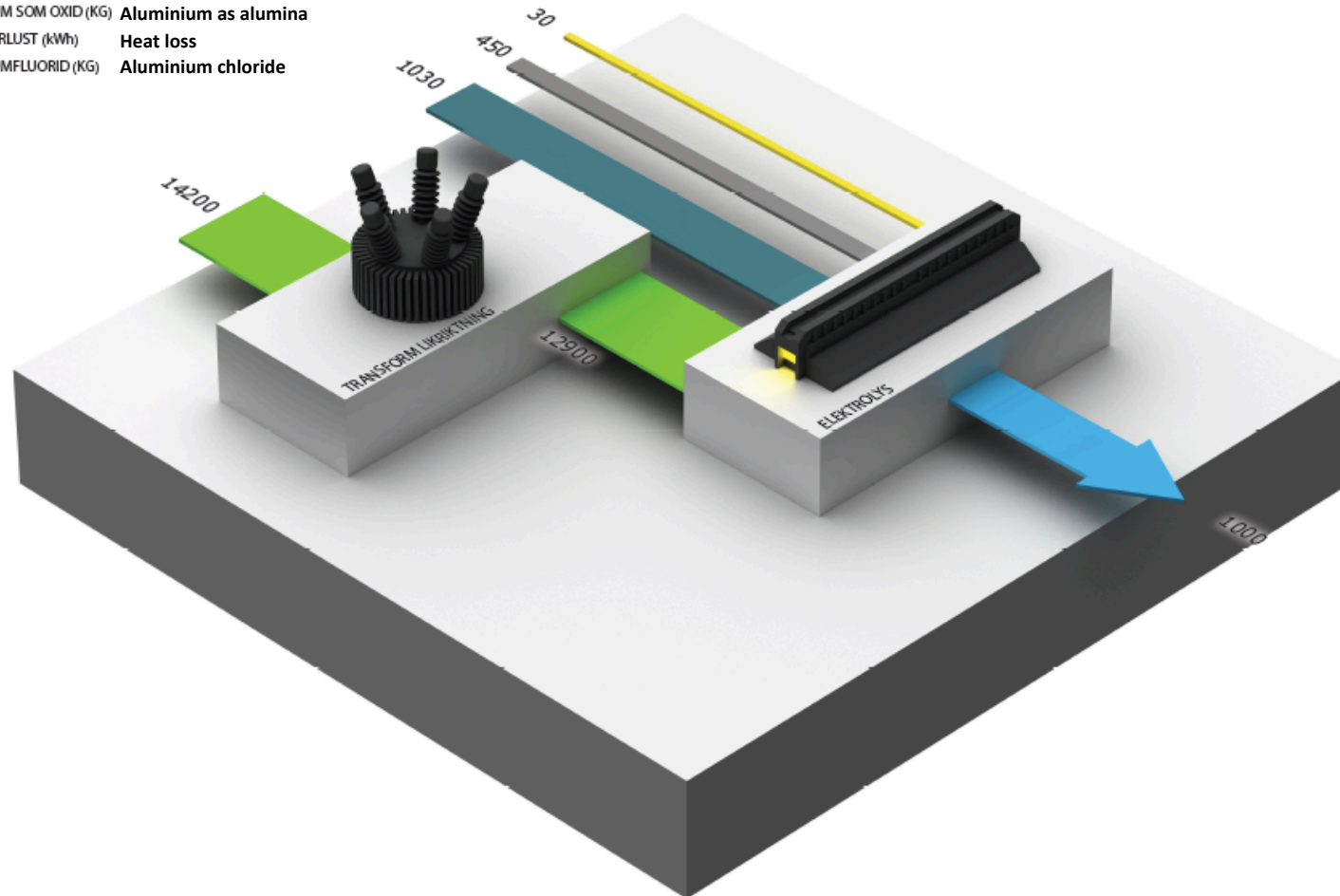
Primary production Electrolysis

	KOL (KG)	Carbon
	EL (kWh)	Electricity
	ALUMINIUM (KG)	Aluminium
	ALUMINIUM SOM OXID (KG)	Aluminium as alumina
	VÄRMEFÖRLUST (kWh)	Heat loss
	ALUMINIUMFLUORID (KG)	Aluminium chloride



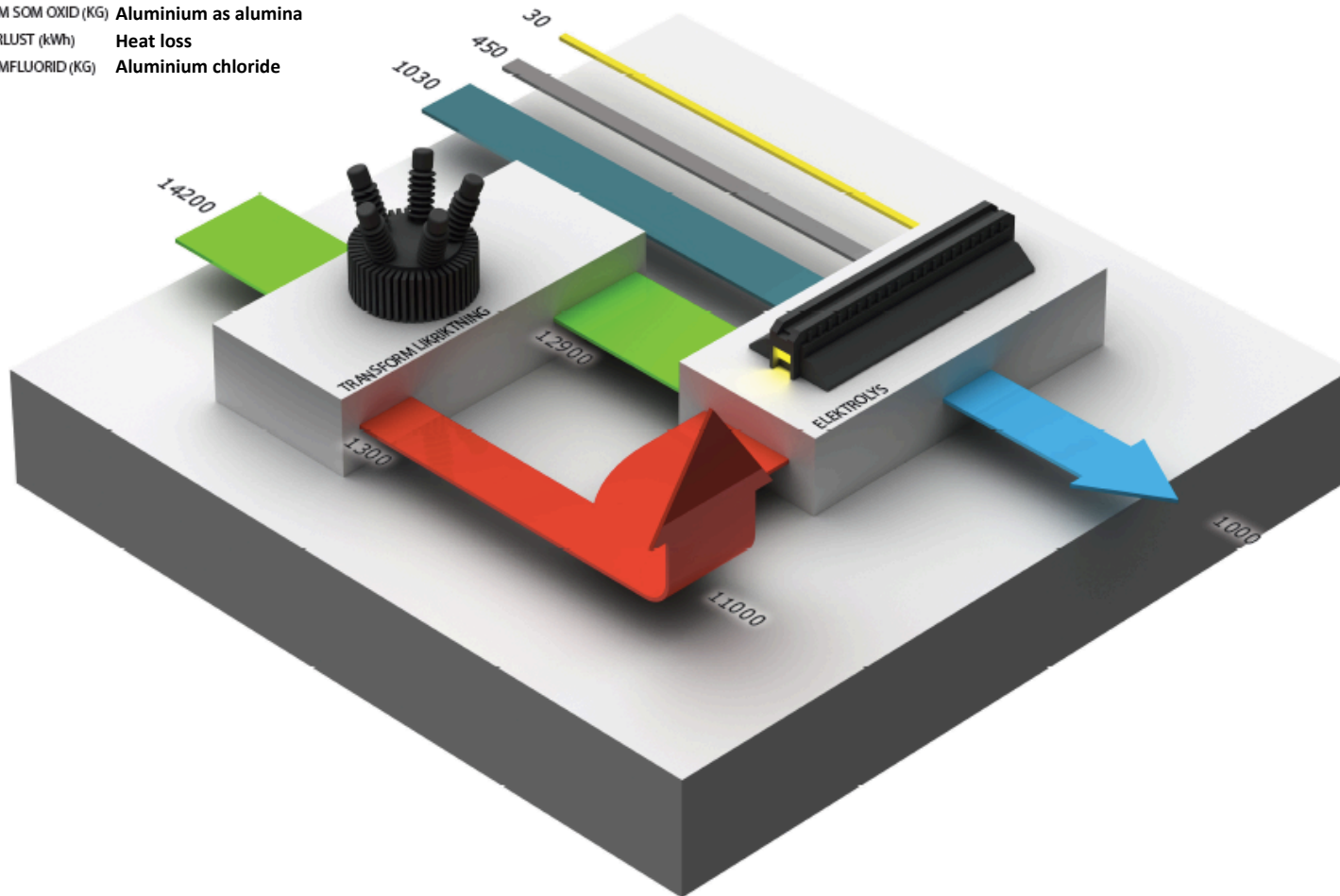
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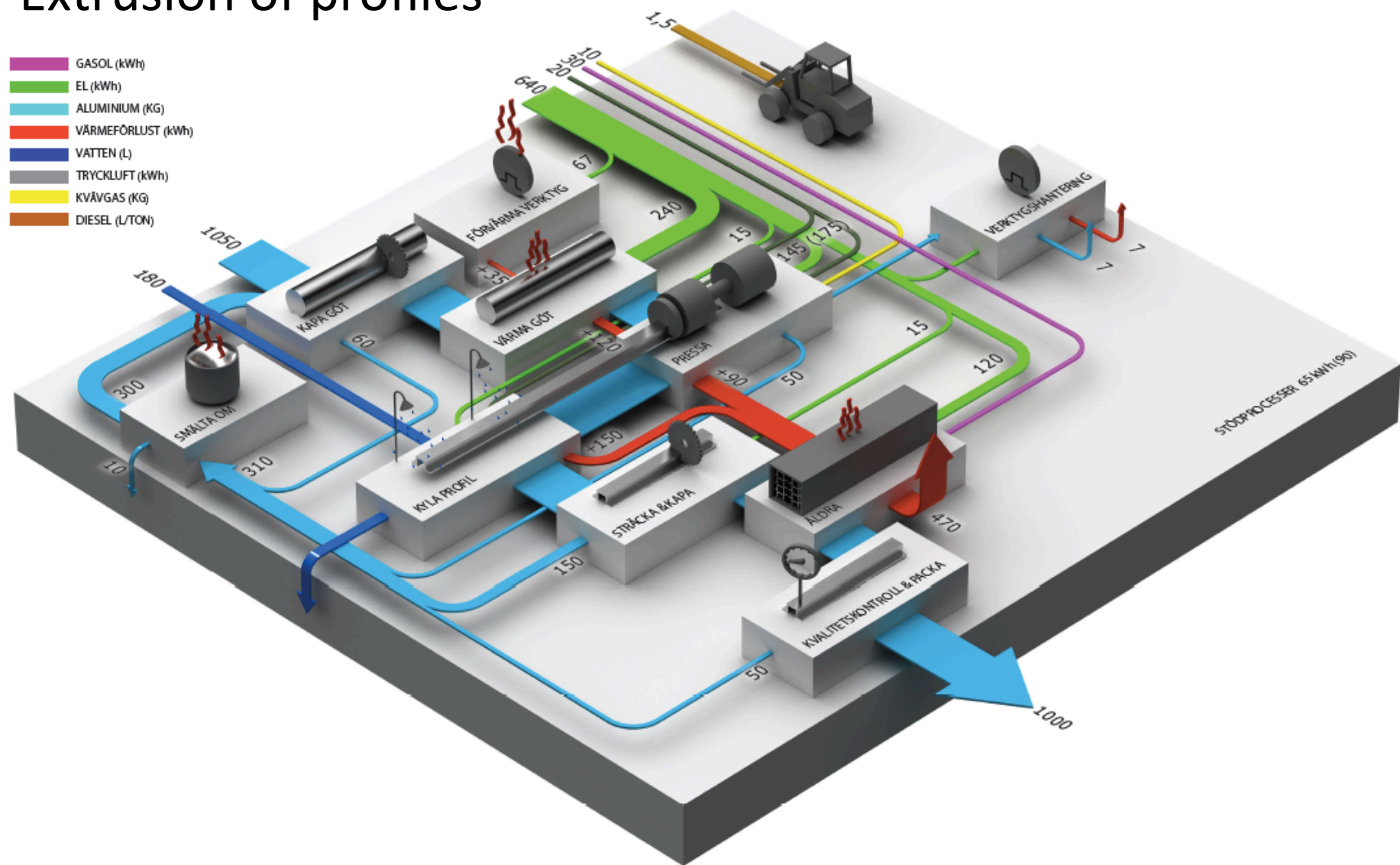


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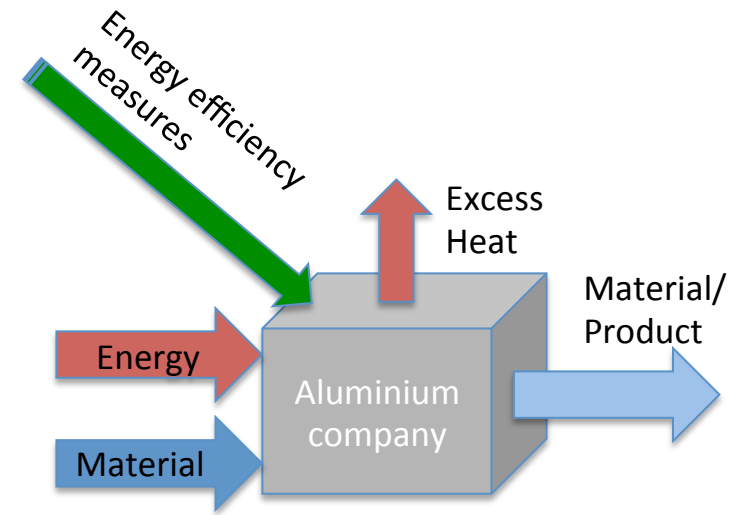
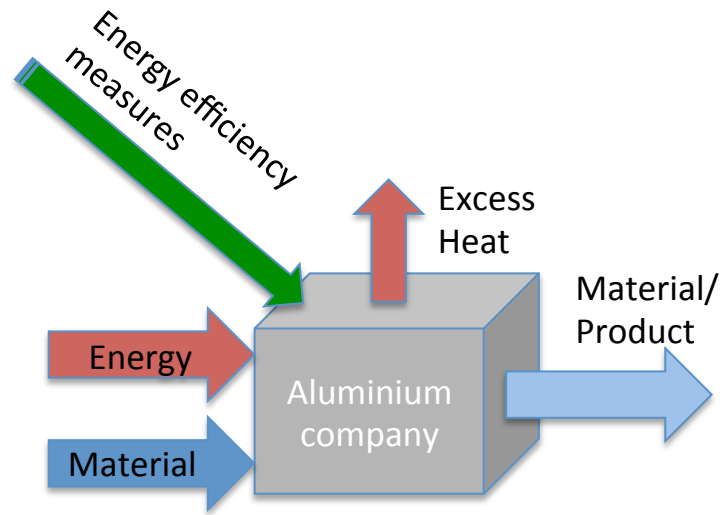
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Extrusion of profiles

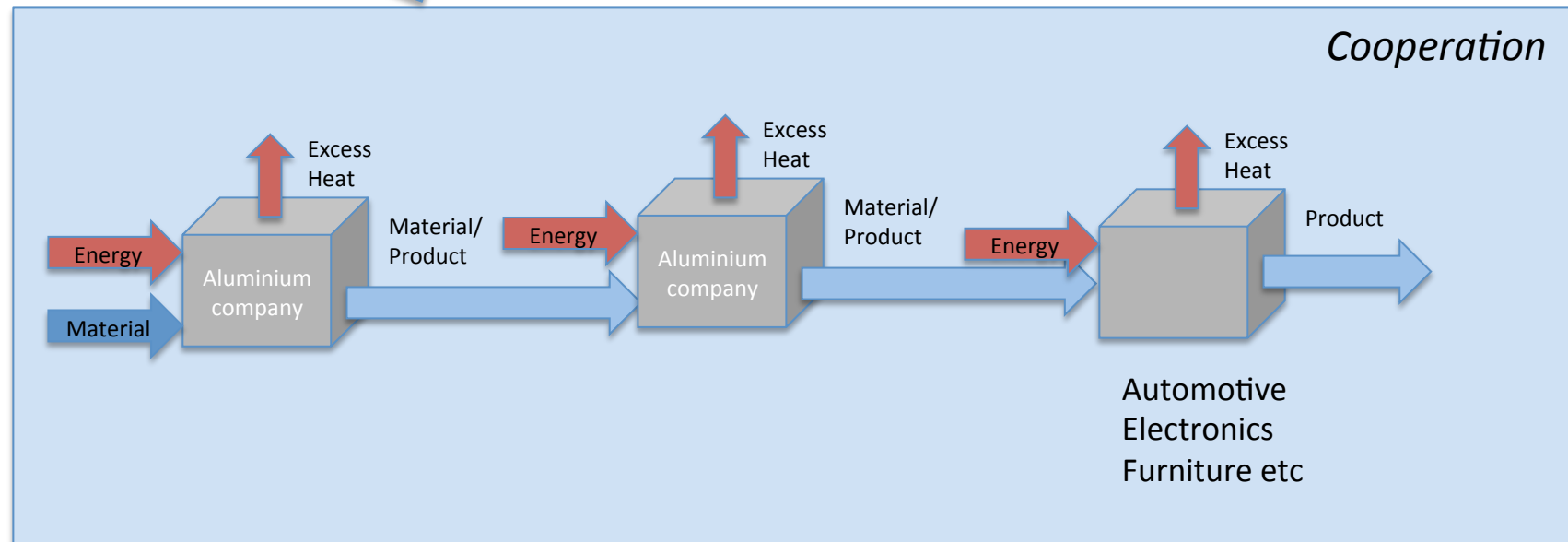


Energy efficiency in individual companies



Energy efficiency in the value chains of Aluminium industry

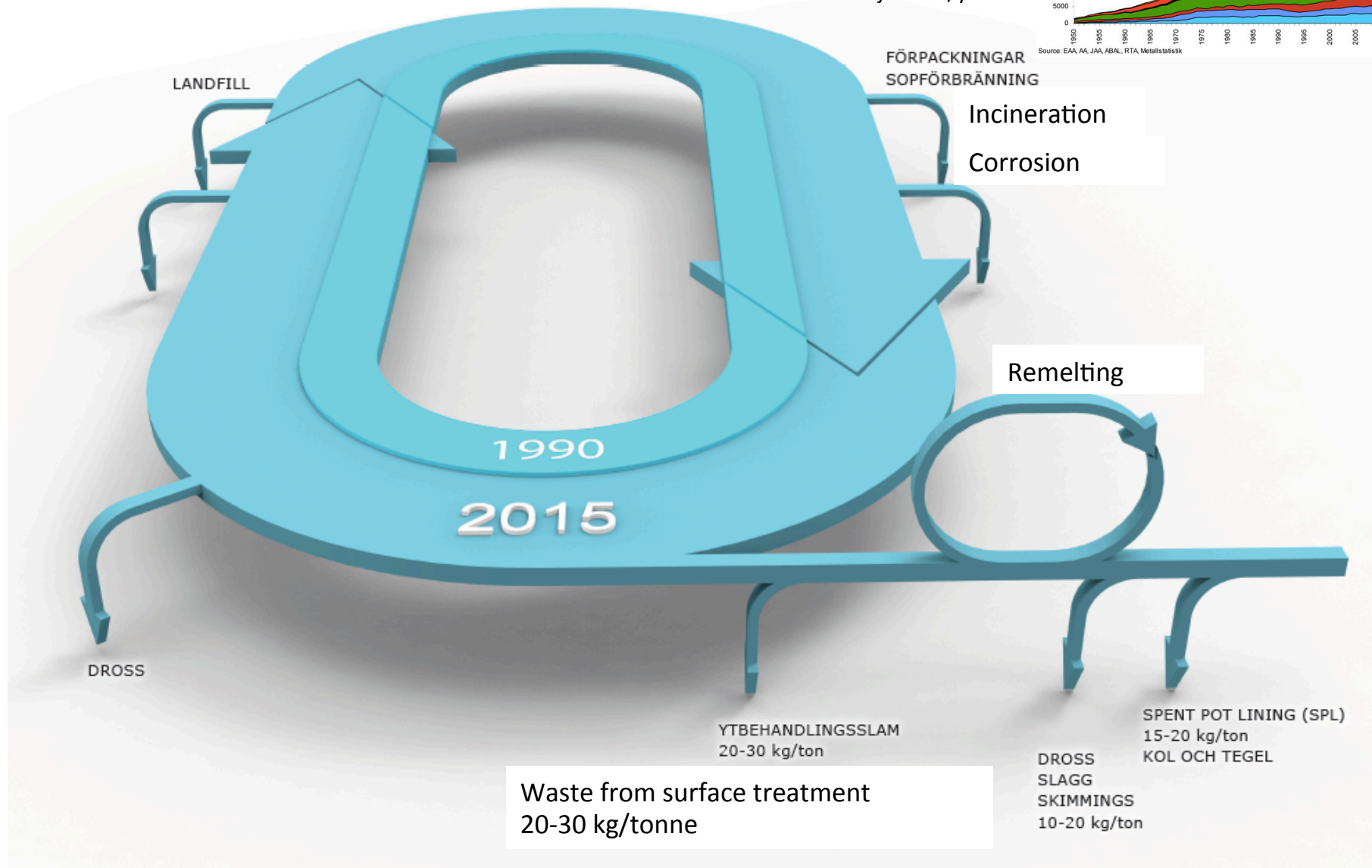
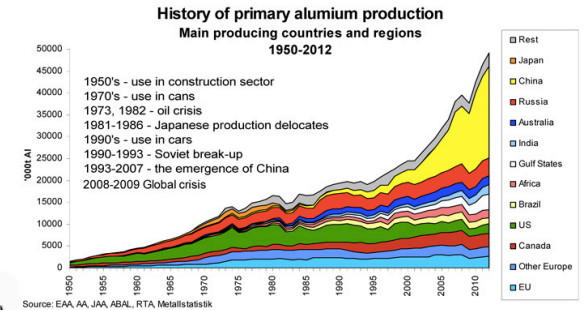
Energy efficiency measures



The Aluminium loop

World production
Accumulated since 1950
Still in use 75% =
Out from the loop

50 milj tonne/year
1200 milj tonne
900 milj tonne
300 milj tonne →
10 milj tonne/year



Thank You!

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