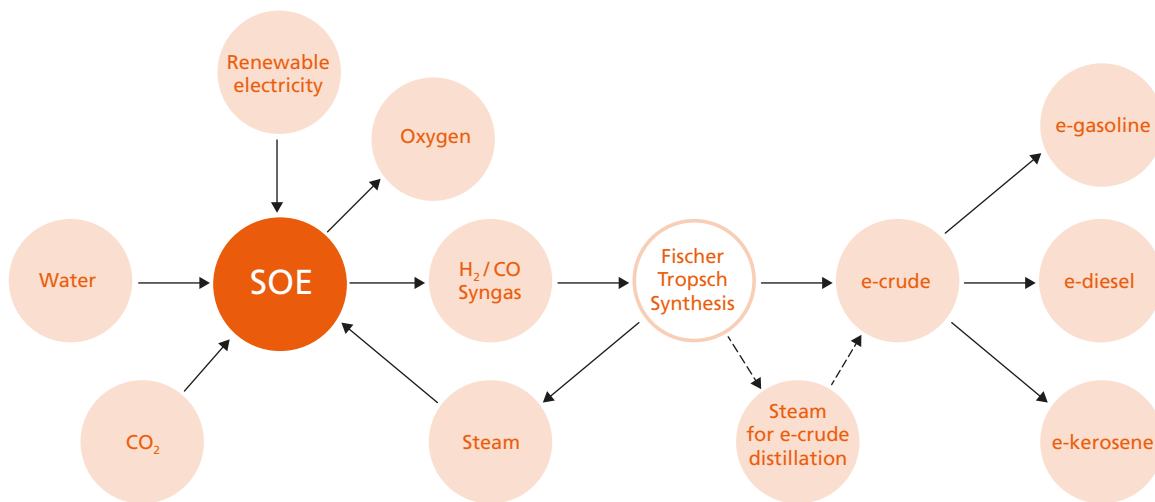
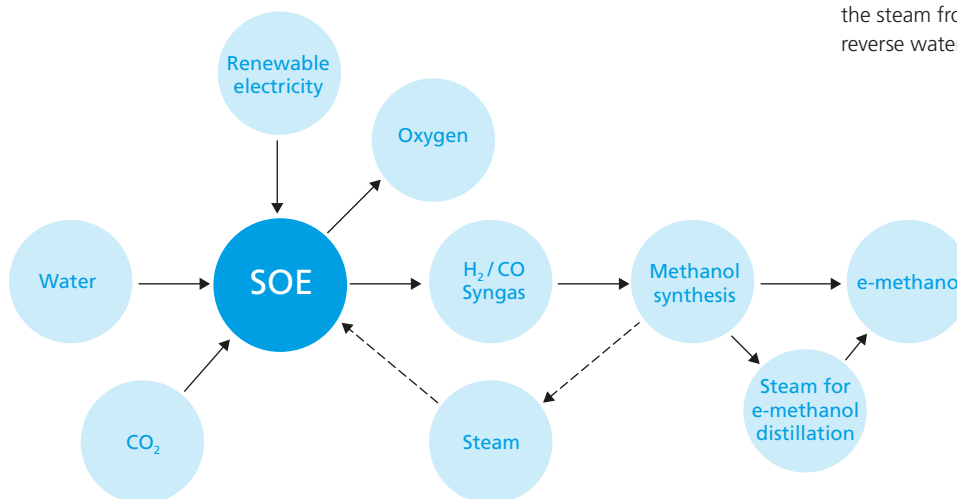


Solid Oxide Electrolysis for energy-efficient e-fuels production



If e-crude is shipped off-site, the steam from FTS can be used to feed the SOE. If e-crude is refined on-site, the steam may either be used for distillation or as SOE feed. If a PEM or alkaline electrolyser is used instead of SOE, the steam from FTS can be used to provide heat for the reverse water gas shift reaction.



Methanol distillation would generally occur on-site. Therefore the steam would be required for distillation and is not available as a feed for the SOE.

