

Fossil resources (e.g. crude oil)



Fossil feedstocks (e.g. naphtha)



Conventional chemical pathway



Fossil-based

chemicals

Bio-based chemicals



Fossil-based

Bio-based final products



Biomass resources (e.g. waste and residues)



Biomass feedstocks (e.g. via fermentation, gasification)



New dedicated pathway



Novel bio-based chemicals



Novel final products