

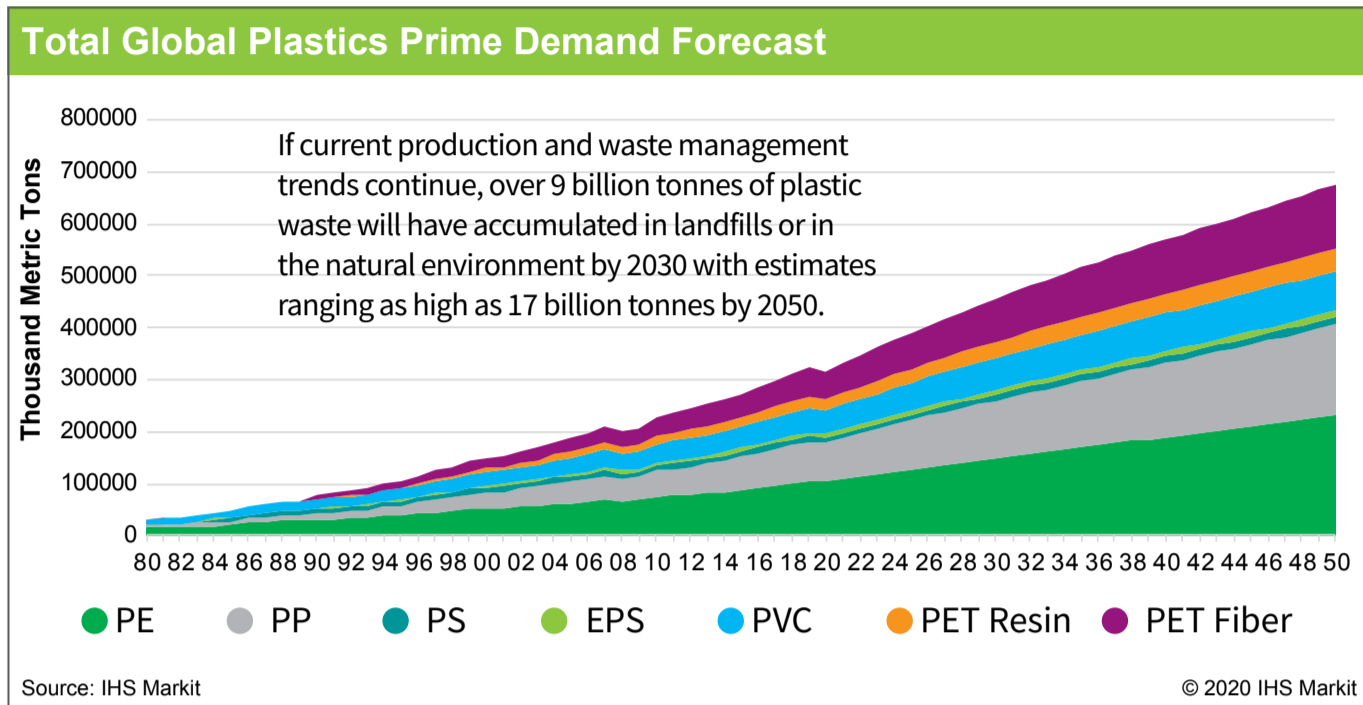
Petrochemical industry adapting to a new normal

Plastics value chain transitions from a linear to circular economy structure



The global plastics market continues to grow, increasing risk for environmental impact.

Transition to circular plastics model becomes primary driver for petrochemicals



Why now?

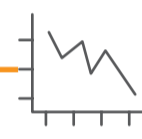
The transition to circularity remains a global priority even with new challenges



Pandemic



Oil industry crisis



Economic downturn



Climate change is leading many oil companies to decarbonize their energy portfolios

Accounting for greenhouse gas (GHG) emissions throughout the value chain is being demanded

Disruptive forces could potentially reshape the consumption of plastics

Plastics consumption impacts chemical industries, downstream manufacturing and supply chains

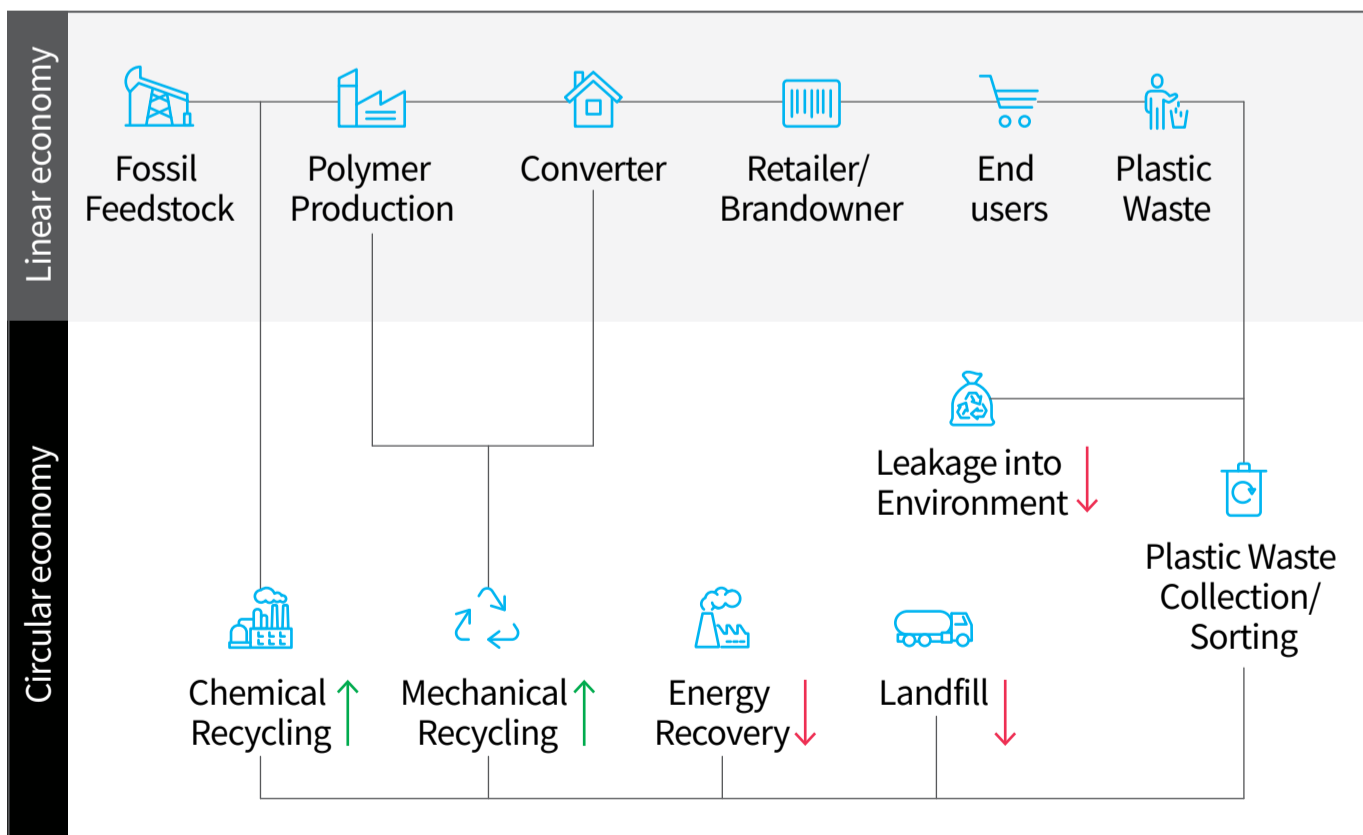
Increasing disclosure of GHG emission data, targets and scenario stress testing

Yet the petrochemical industry is not aligned on disclosure, metrics, or valuation

Unmanaged plastics waste threatens the very “license to operate” for the chemical industry

At a time oil companies looking to diversify via petrochemicals

Policy makers and stakeholders along the entire value chain are driving a transformation of the plastic economy from linear to circular; sub-scale technology, inadequate infrastructure and constrained logistics all impede progress



How will this transformation evolve and what is the impact on your business?

New study

IHS Markit Changing Course: Plastics, carbon and the transition to circularity

Reconfigure your strategy around the risk and opportunities as the plastics value chain transitions from a linear to circular infrastructure

- Develop a plan how to adapt different regions in the face of current and emerging legislation
- Determine what role carbon valuation have on your economics of production
- Define risk around primary resin demand
- Set expectations on recycled resin in terms of supply and fit for use

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