“Sustainability: a new paradigm for plastics”

- Plastics have changed the world, but some uses of plastic are under scrutiny.
- Plastic waste problem has reached the public domain, the leakage of plastic waste into the environment needs to be reduced.
- Consumer preferences and public opinion drive change and spur new regulation.
- Industry is responding to public concern with initiatives on a broad and global scale.
- How to close the loop? Full circularity needs more than mechanical recycling: chemical regeneration and thermal conversion technologies.
- Plastic waste is in effect an unused but valuable feedstock with opportunities for ‘plastics-to-fuels’ and ‘plastics-to-chemicals’ routes.
- Beyond plastic waste: climate change concerns will force the chemical industry to reduce its carbon footprint and look at full carbon cycle, including CCU.
- ‘Going circular’ will reduce primary demand, but is also a business opportunity!