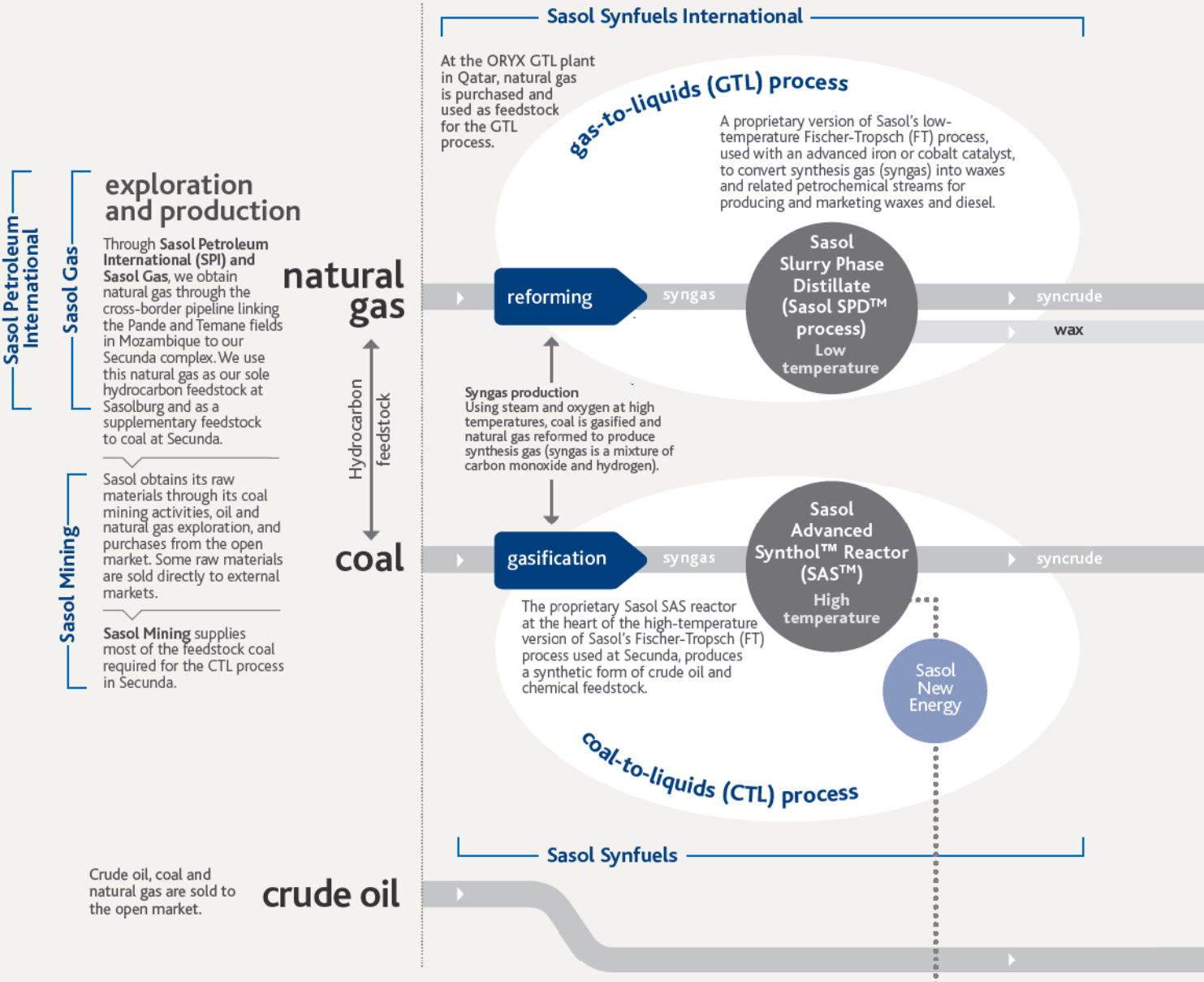
our business model and integrated value chain

what sets us apart

Our integrated value chain, which applies largely to our South African operations, involves aligning our diverse and interdependent businesses. At the heart of our integrated value chain, which sets us apart from our competitors, is our ability to develop and commercialise technology at scale to produce bulk fuel and chemical co-products.



Sustaining our integrated business model

Greenhouse gas (GHG) emissions

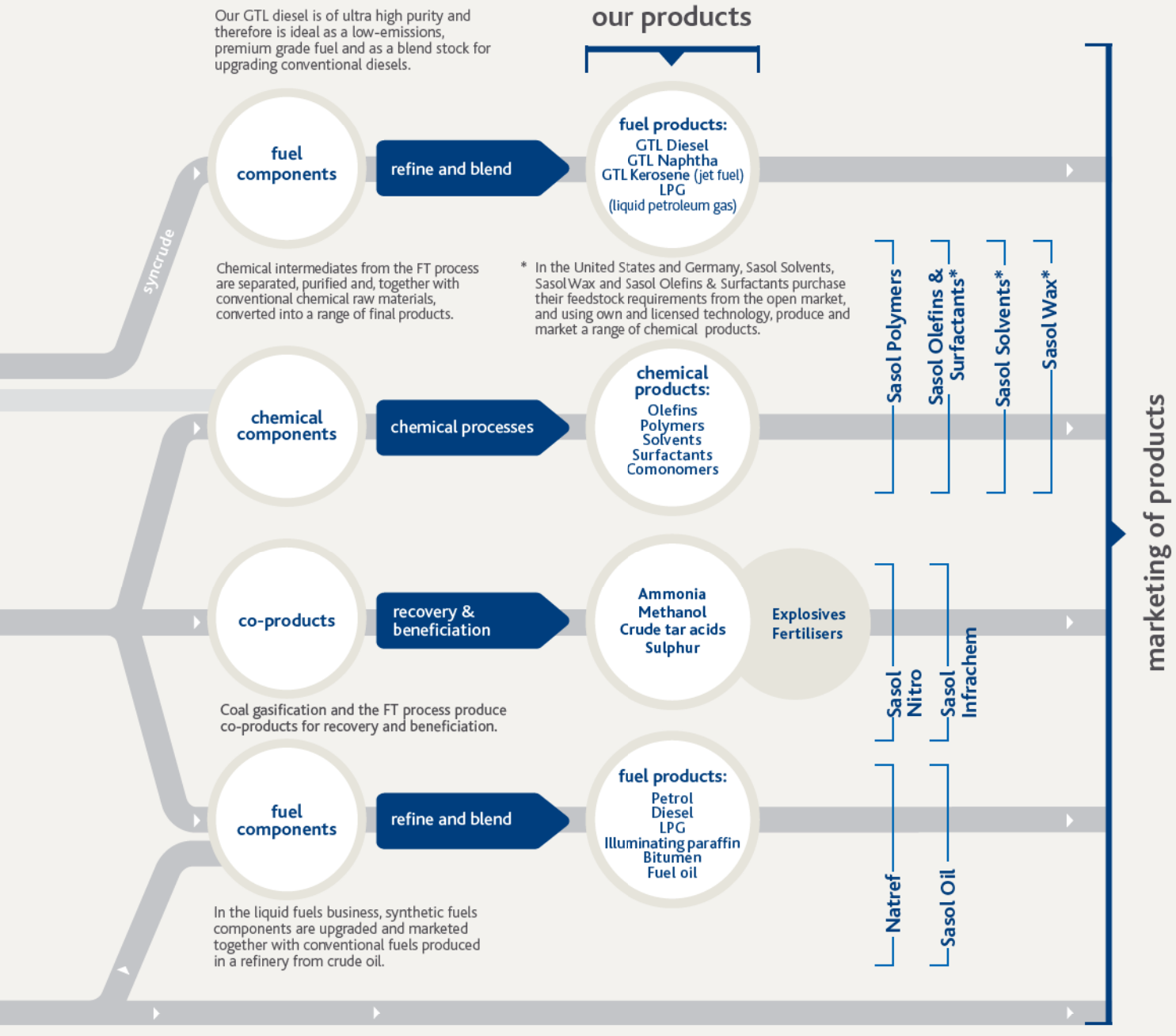
Coal is an important part of the world's energy mix, and Sasol will continue to produce transportation fuels from coal and gas. We are committed to substantially reducing our carbon emissions by developing more efficient production processes and investigating carbon capture and storage solutions.

Water

Technological advancements in effluent recycling, cooling, pre-treatment of water for steam generation and solids handling are paving the way for significantly improved zero liquid effluent discharge designs, which are being developed irrespective of water availability or pricing.

New Energy

Sasol New Energy (SNE) was created to focus on new technologies that can be integrated with our core technologies to reduce our GHG footprint. As part of our commitment to reduce carbon dioxide in our operations, SNE is looking into renewable and lower-carbon energy options such as solar, biofuels and biomass, as well as nuclear, hydro and natural gas.



Corporate governance

Sound corporate governance structures and processes are applied at Sasol and are considered by the board to be pivotal to delivering sustainable growth in the interest of all stakeholders.

Innovation

In downstream chemical process technology, we have developed several proprietary processes for recovering and processing a range of solvents, waxes and phenolics for the world market. We have also developed and patented several base-metal catalysts for our FT synthesis processes. We have been innovative in coal exploration and mining, where Sasol Mining (sometimes in partnership with technology suppliers) has developed a number of cost-saving innovations to enhance production.

Research

Besides the research and development and new product formulation and testing work we do at Sasolburg, through Sasol Technology's fuel research group, we conduct further fundamental research at the Sasol Advanced Fuels Laboratory (SAFL), in collaboration with the University of Cape Town, and the Sasol Fuels Application Centre (SFAC).