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Note: The hydrogen demand for each process was based on the hydrogen required per ton of commodity coupled with a commodity demand projection based on Material Economics, 2019. For ammonia, a decrease in production due to more efficient use of fertilisers in agriculture was assumed. For steel, it was assumed that there are no reinvestments into coal-based blast furnaces from 2023 on and that 50 per cent of steel production would be met by direct reduced iron. Besides, it was assumed that refineries will be phased-out by 2050.