Future outlook for hydrogen market size built-up in India - Tracking growth from 2022-2050

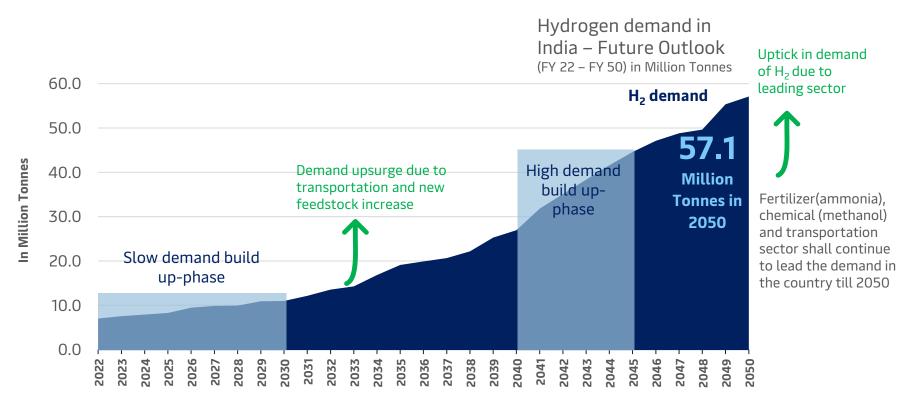
Part -12 (Hydrogen cost benchmarks, demand built-up, transport infra & market size evaluation for India)





Future market size of hydrogen by volume (in Million tonnes)

India is expected to witness a sharp increase in transportation sector as far as future demand is considered with decline in refineries demand. The break-up of demand as per volume is from 2022 to 2050 is depicted in the exhibit as below.

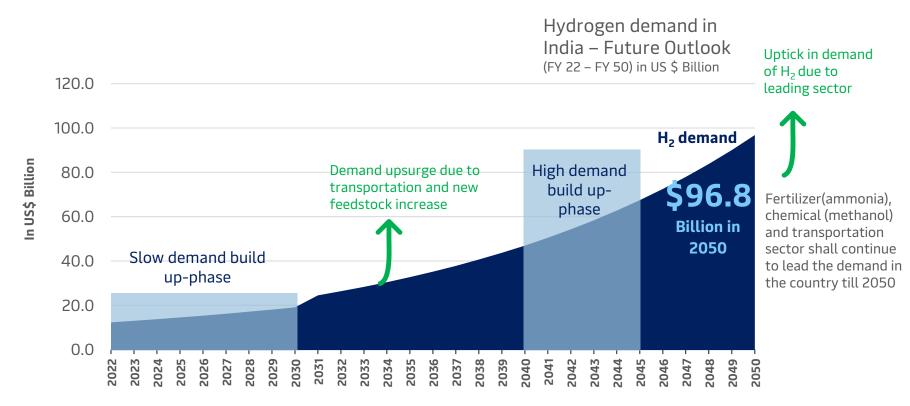


Source: eninrac research & analysis, D2I Model & Channel Checks



Future market size of hydrogen by volume (in US \$ Billion)

India is expected to witness a sharp increase in transportation sector as far as future demand is considered with decline in refineries demand. The break-up of demand as per value is from 2022 to 2050 is depicted in the exhibit as below.

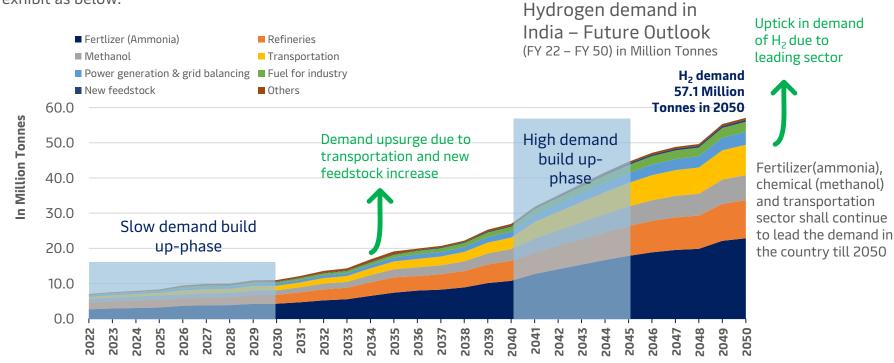


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Future market size of hydrogen by end use application in volume (in Million Tonnes)

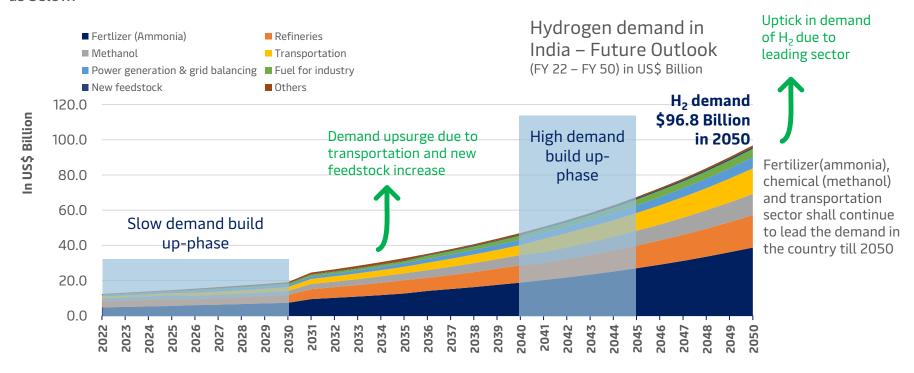
India is expected to witness a sharp increase in transportation sector as far as future demand is considered with decline in refineries demand. Apart from transportation the growth segment shall be chemical and new feedstock generating across value chain. The break-up of demand as per volume for end use applications is from 2022 to 2050 is depicted in the exhibit as below.





Future market size of hydrogen by end use application in value (in US \$ Billion)

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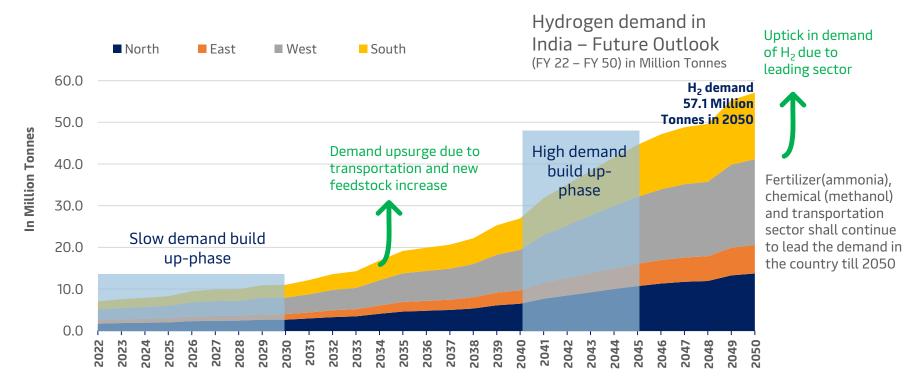


Source: eninrac research & analysis, D2I Model & Channel Checks



Future market size of hydrogen by region by volume (in Million Tonnes)

India is divided into 4 regions broadly and namely western, eastern, northern and southern and in future as well the demand centers are likely to be dominated by western and southern regions. But northern region shall catch up with southern region in terms of demand by 2050. The demand as per region in volume is depicted as below

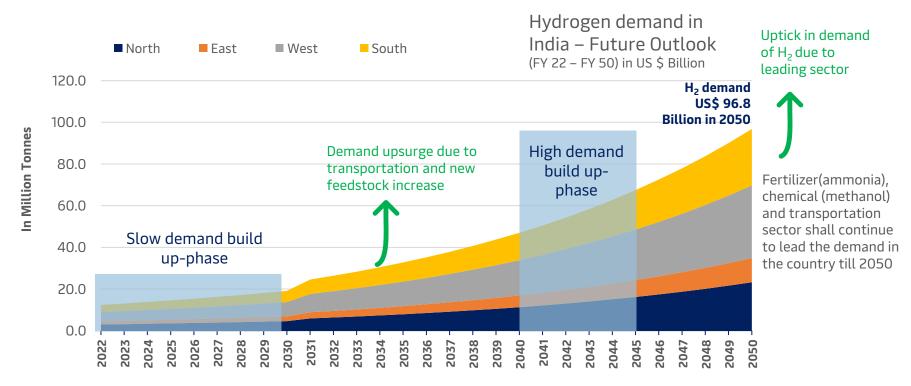


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