

India's approach Green Hydrogen

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WRI

Why green hydrogen is a must for India?



**Energy
import reduction?
>\$160 Billion**



**450 GW (2030)?
5X
Current
92 GW**



**India: Clean Energy
Leader?
Third Largest Emitter
3.6 G.t eq**

Green Hydrogen will help reduce >\$160 Billion & growing imports

Many input materials for chemical production are also imported

Import Figures

Crude Oil



- USD 112 Billion
- 227 Million Tons

Natural Gas / LNG



- USD 9.6 Billion
- 27 Billion SCM

Coal



- USD 23.6 Billion
- 243 Million Tons

Petroleum Products*



- USD 16.2 Billion
- 32.5 Million Tons

Ammonia



- USD 775 Million
- 2.6 Million Tons

Hydrogen potential



* India exports around 65 MT of petroleum products (\$36 Billion USD)