



FACT SHEET: SASOLBURG GREEN HYDROGEN PILOT

We are first movers towards the development of a hydrogen mobility ecosystem in South Africa – pioneering both of (1) the development of sustainable production pathways and (2) sustainable applications of hydrogen to decarbonise hard-to-abate sectors such as the mining and heavy-duty transport sectors.

1 Largest expected green H₂ production in Africa by 2024

Our ~3.37 MW own build Single Axis Tracking Solar Farm is comprised of:

- 5040 x 670W Bifacial Monocrystalline PV Panels,
- 30 x 100kW Solar Inverters, and
- 2 x 1750kVA Solar Rated Transformers

Covering a land area of 5 ha in Sasolburg, equivalent to ~340 typical residential solar installations

3.37 MW Solar completed rapidly from idea generation to operation in 18 months

~3.37 MW own build solar farm

powering

150 kg/day green hydrogen production

To be scaled to 3.5 tons/day with 69 MW Msenge Wind Farm



2 Sasol is working with partners to progress a proof-of-concept of linking hydrogen production to mobility as one of its applications



Memorandum of Cooperation (MOC) announcement between Sasol, Anglo American Platinum, and BMW Group South Africa at the SAGHS held on the 16th of October 2023



Sasol is part of the Rhyrbow Consortium, aimed at scaling the deployment of commercial fuel cell electric vehicles (FCEV) with Sasol as a potential hydrogen supplier.



Sasol, Toyota South Africa (TSAM) and Air Products South Africa (APSA) unveiled a hydrogen mobility proof of concept at the Smarter Mobility Africa (SMA) Summit in October 2023