

# Green Hydrogen Supply Chain



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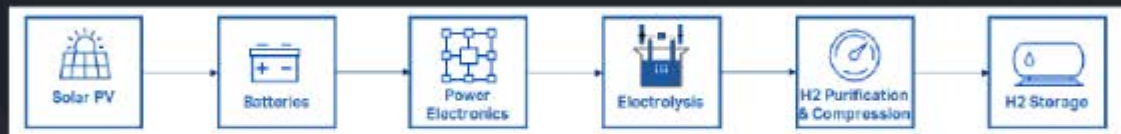
## Green Hydrogen Supply Chain

### Overview



#### Opportunity

- Wide range of components across Green Hydrogen supply chain
- Substantial forecasted demand in the UAE through Masdar JV
- Opportunity to become regional and global supplier



- Modules
- Cells
- Wafers
- Ingot

- Anode
- Cathode
- Electrolyte
- Cells

- Transformers
- Rectifiers

- PEM & Alkaline
- Membrane
- Anode
- Cathode
- Plates
- Stacks
- Assembly

- Compressors
- PSA
- Membranes

- Fiber
- Wrapped
- HP tanks
- Steel MP Tanks

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ADNOC Demand Outlook for Green Hydrogen Supply Chain



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## ADNOC Demand Outlook for Green Hydrogen Supply Chain

### Size of the Opportunity

Global Hydrogen demand is forecasted to reach 850 GW by 2050. ADNOC, along with Mubadala and TAQA, announced the goal to double the capacity of Masdar's renewable energy and green hydrogen from 23 GW to 50 GW by 2030.

1 MW Electrolysis Plant CAPEX Breakdown (Roughly \$1MM Est. Today)

