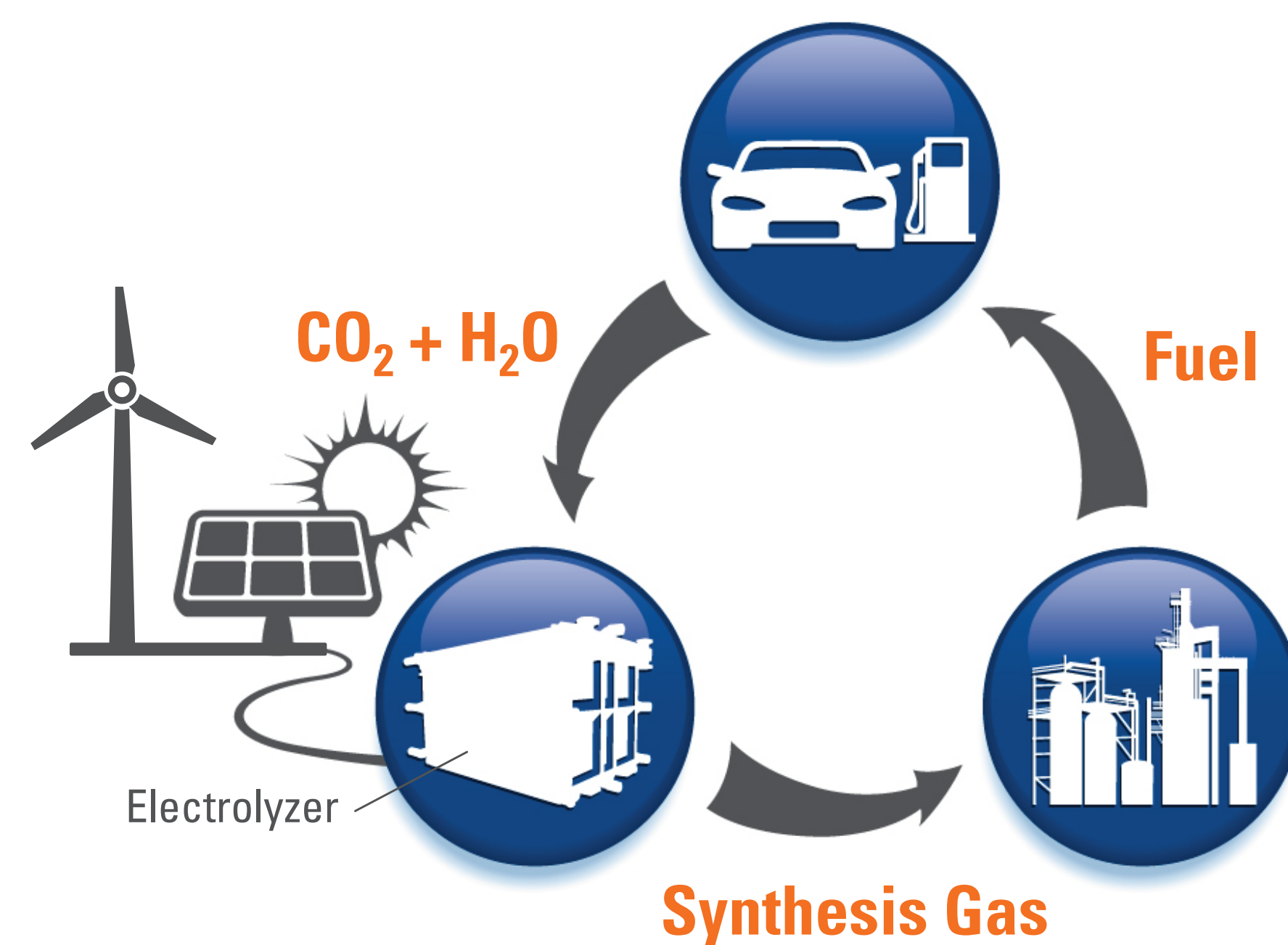


## SBIR: Conversion of CO<sub>2</sub>, Water and Renewable Energy to Transportation Fuels DE-SC0015940

### Key Advantages

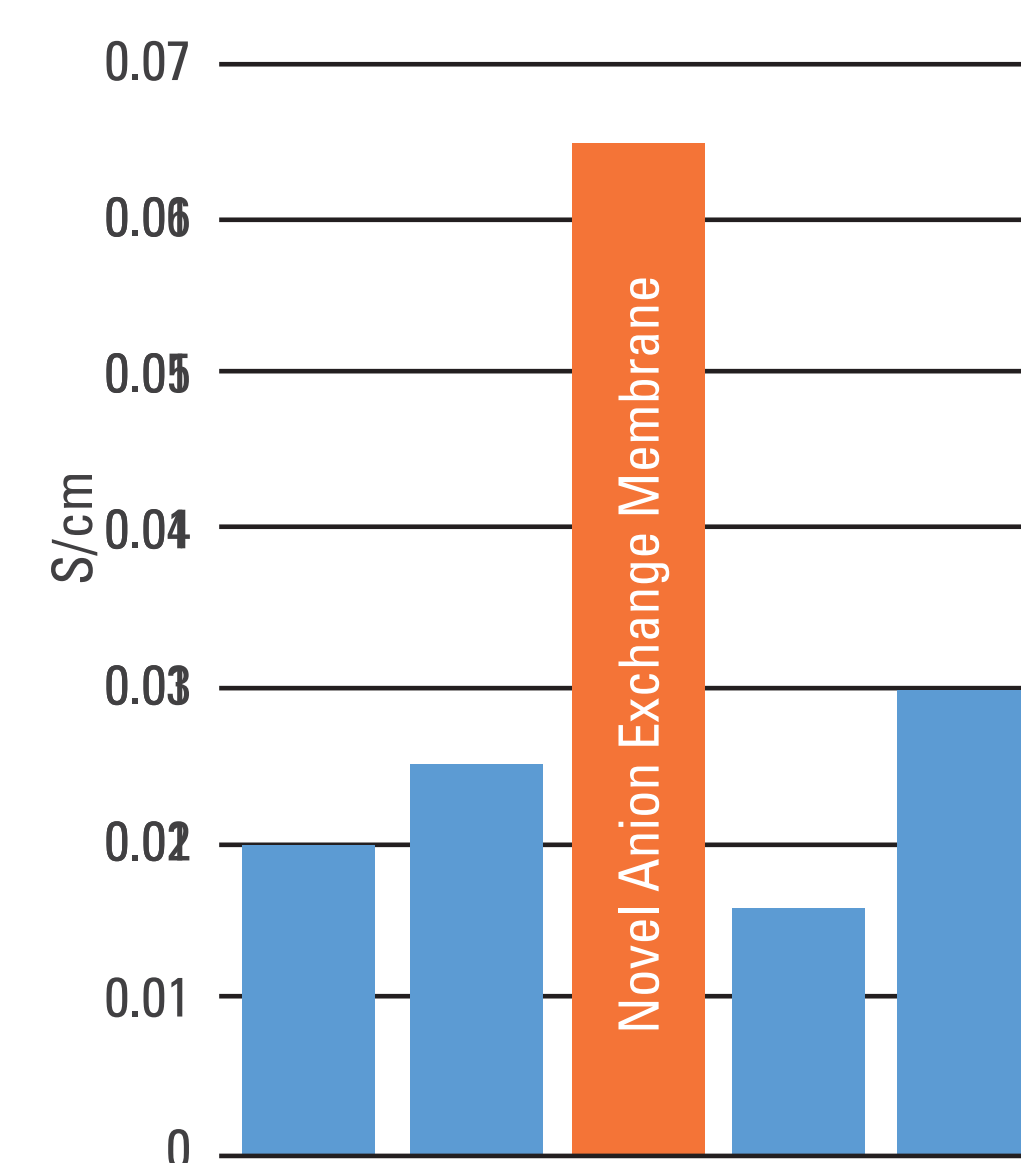
- Process makes real transportation fuels
- Size of equipment allows easy integration
- Very little water is needed
- Process leverages previous DOE investments
- Technology combines efforts of leading experts



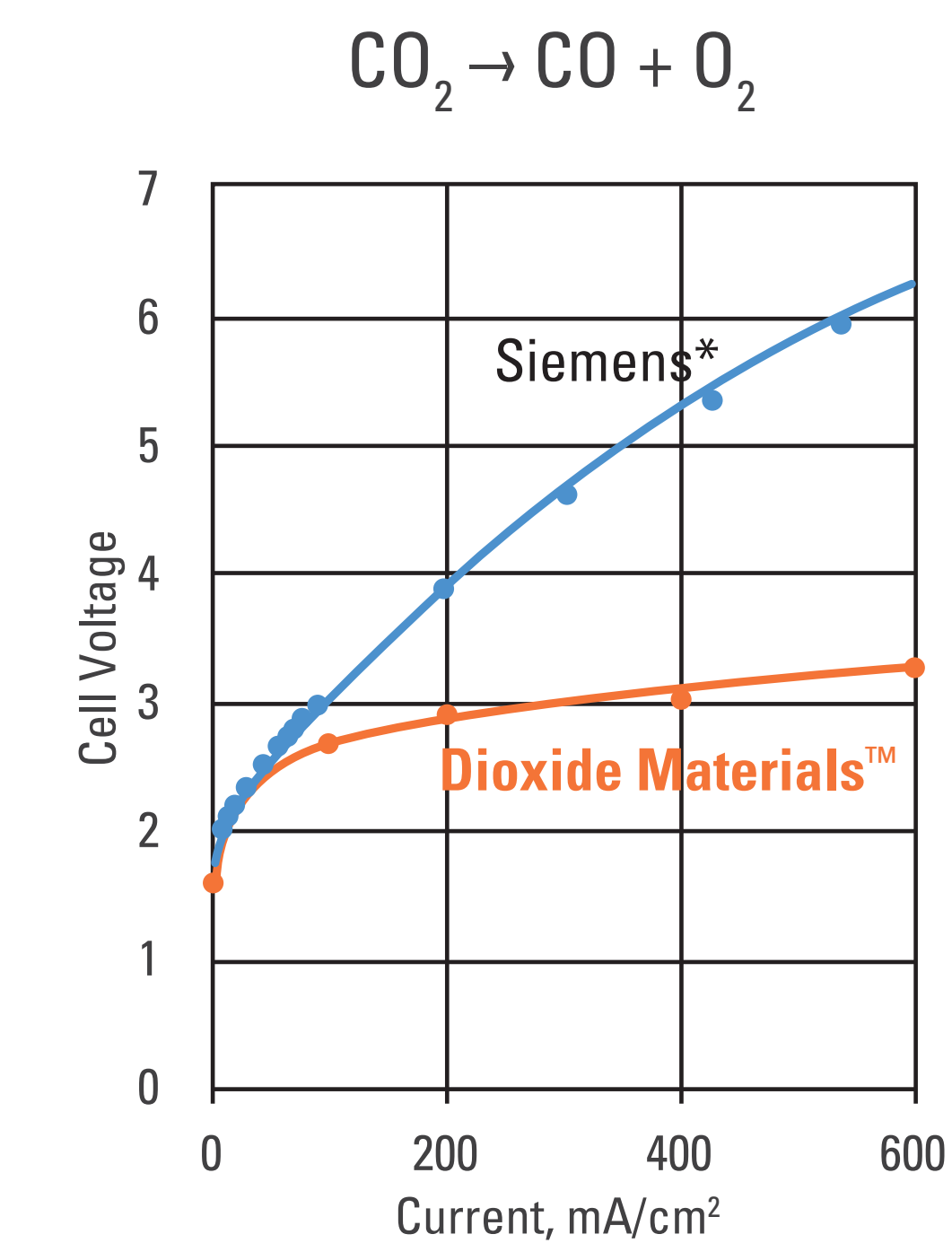
### Dioxide Materials Advantages

#### BETTER MATERIALS

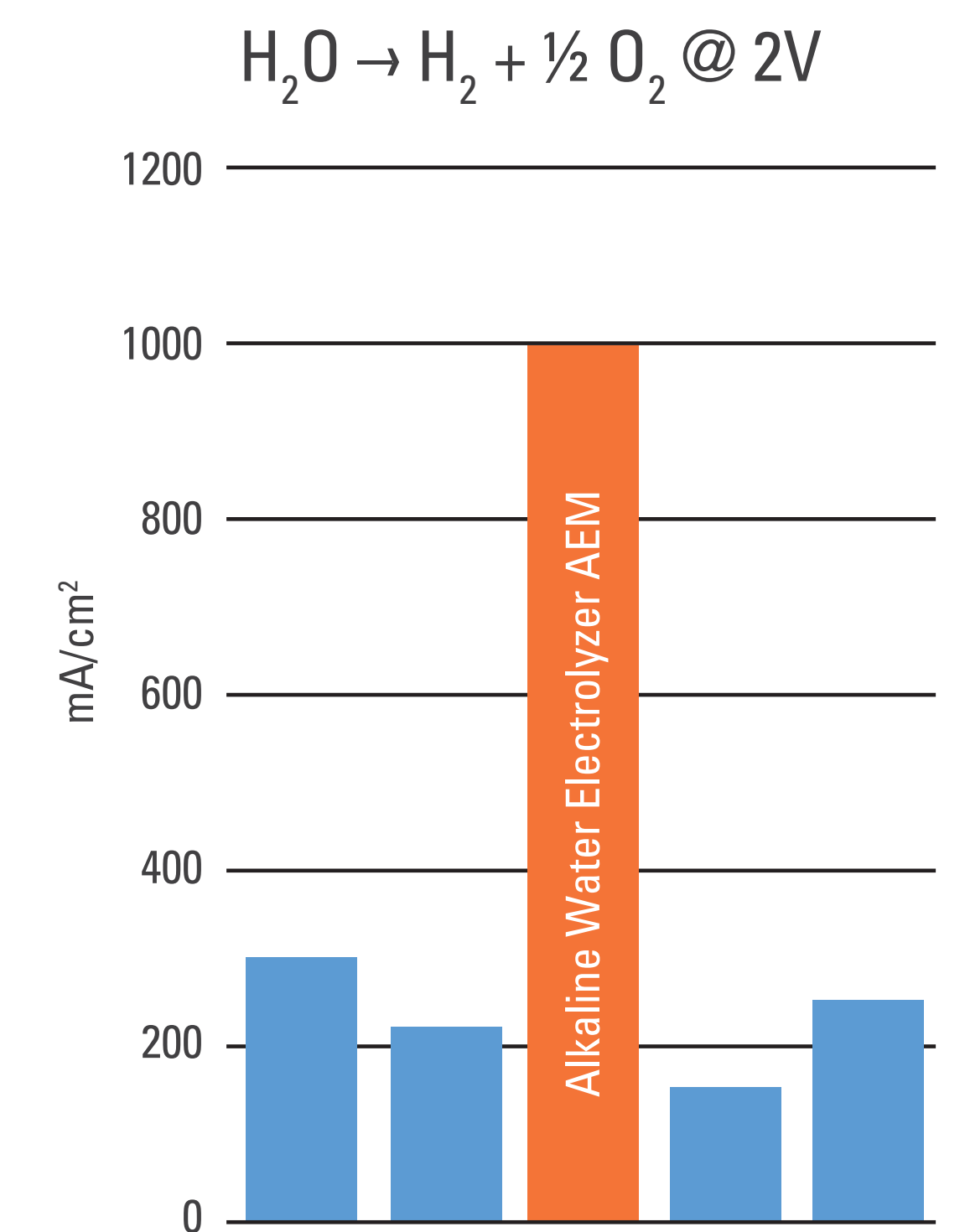
Conductivity Comparison



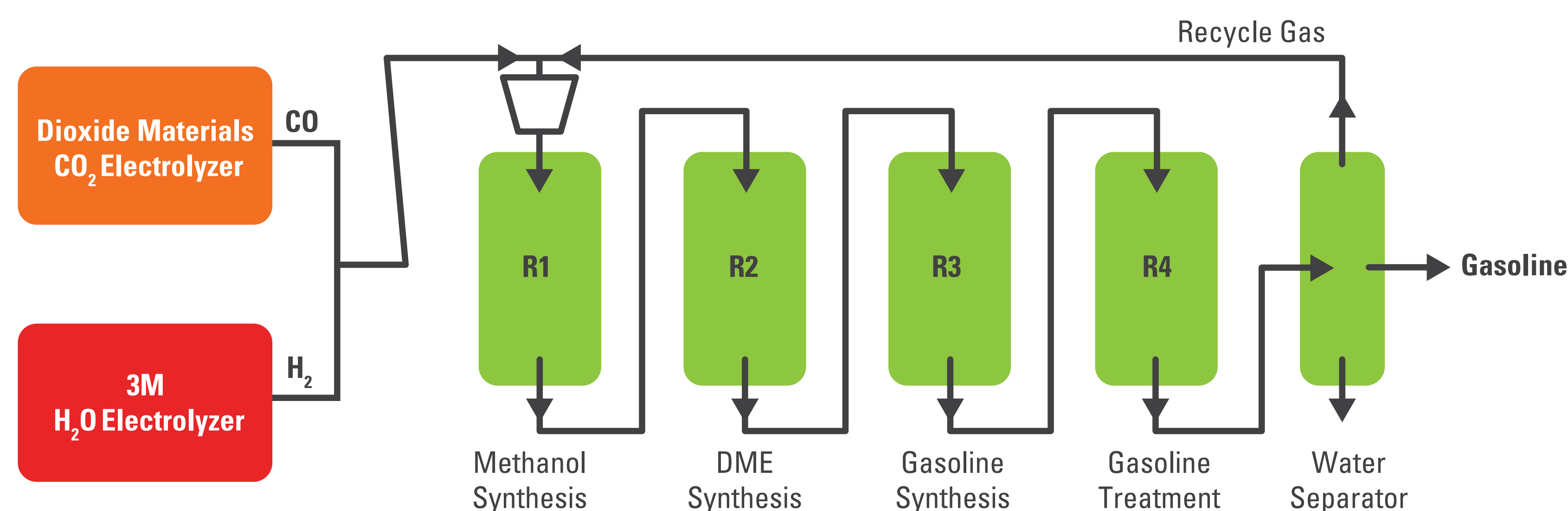
#### BETTER PERFORMANCE



\*G. Schmid, M. Fleischer, K. Wiesner, R. Krause, Electrochemical CO<sub>2</sub> Reduction [http://www.scoer-hae.ch/resources/Talks/08\\_Krause\\_Power\\_to\\_Value.pdf](http://www.scoer-hae.ch/resources/Talks/08_Krause_Power_to_Value.pdf)



### Optimized Process



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