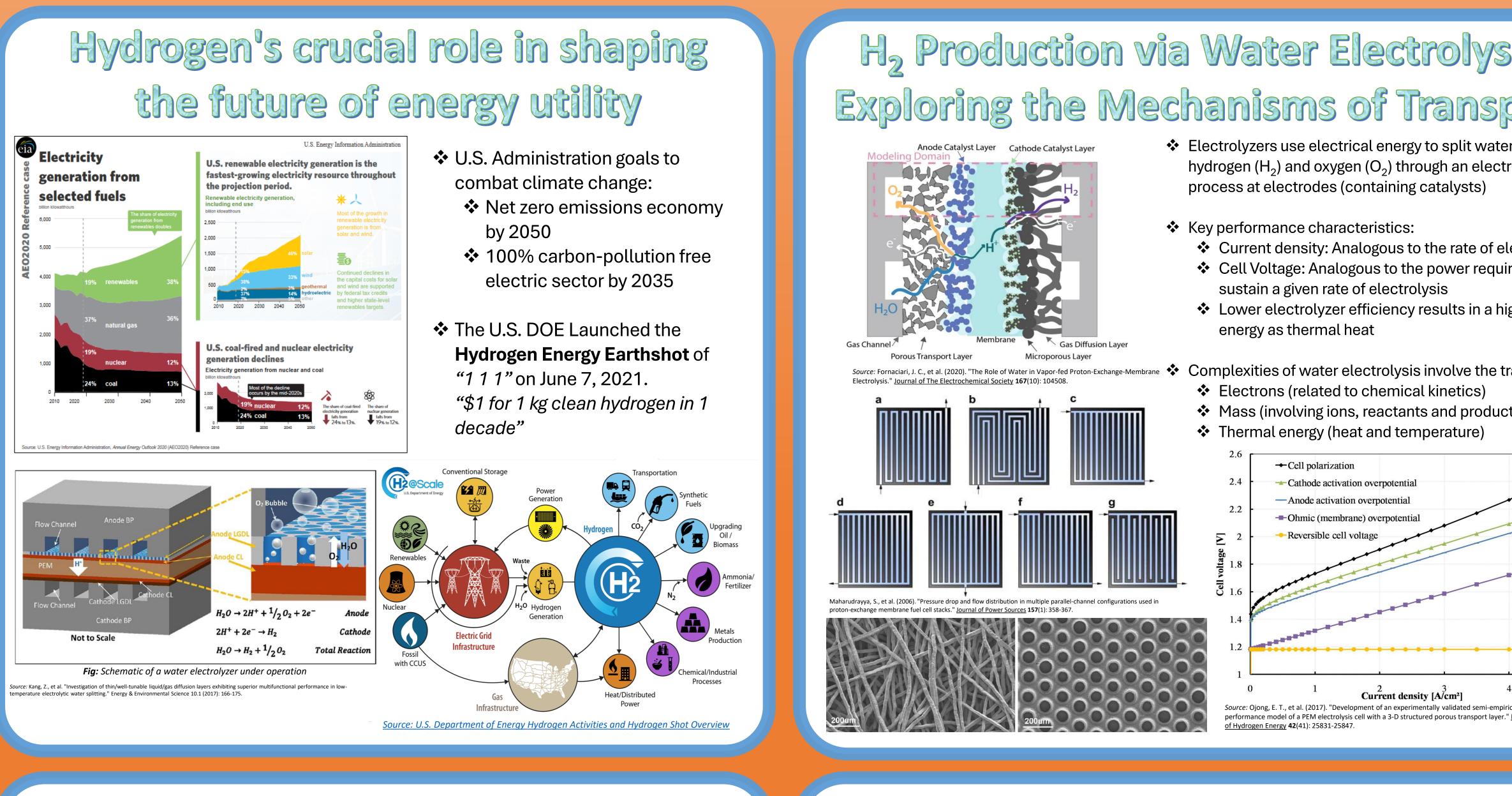


## **Understanding Efficient Hydrogen Production via** Water Electrolysis Anirban Roy, Dr. Douglas S. Aaron, Dr. Matthew M. Mench **Department of Mechanical Aerospace & Biomedical Engineering**



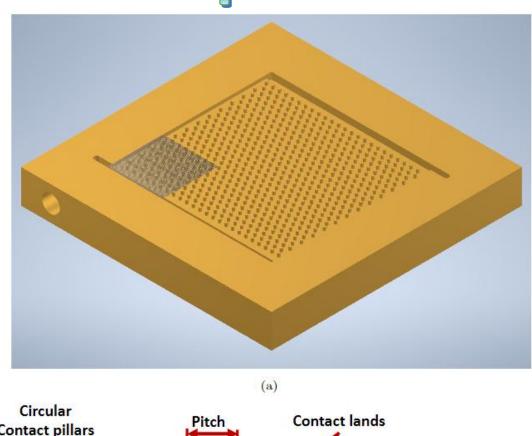
## Striving for Efficiency: Optimizing **Electrolyzer Design and Operations**

- Benefits of in-situ diagnostic techniques:
  - ✓ Enhanced understanding of system performance
  - ✓ The capability to investigate the impact of different parameters on performance
  - ✓ Facilitate in-depth analysis of system physics
  - ✓ Optimization of the system design and operating conditions

**Sponsors** 

8

**Collaborators:** 

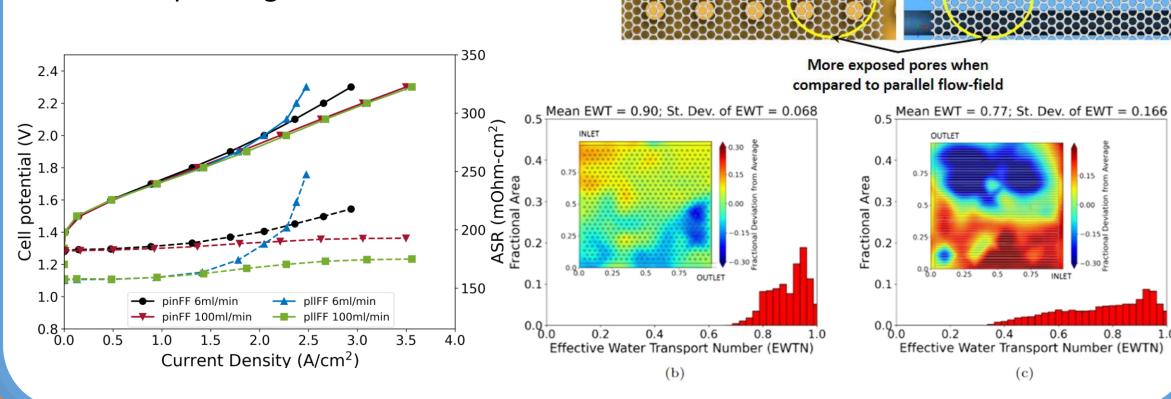


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