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Abstract for Green Hydrogen Project

In this research poster, we will attempt to answer the following interrogative: What are the economic viability and scalability prospects of integrating green hydrogen production into existing power systems? A comparative analysis across different regions. This is accomplished by providing an explanation of what green hydrogen is and then explaining the status of green hydrogen on global, country, and state levels. Next, we dive into the challenges and economics posed by implementing hydrogen technology into our current energy systems. Finally, it ends with a forecast of the future of green hydrogen.