

Hydrogen Demand and Resource Analysis (HyDRA) Model

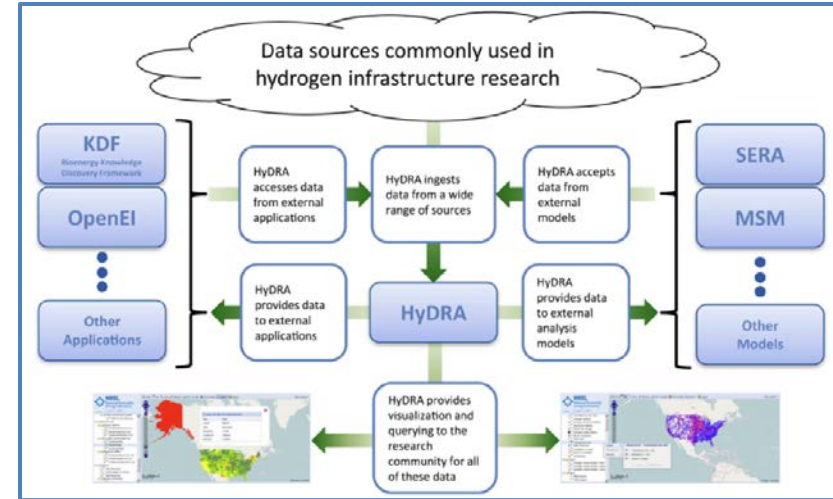
(National Renewable Energy Laboratory)

Objectives

To allow analysts, decision makers, and general users to view, download, and analyze hydrogen demand, resource, and infrastructure data spatially and dynamically.

Key Attributes & Strengths

HyDRA is an application that has the look, feel, and functionality of a traditional client-based GIS application. Users are able to create their own spatial datasets and upload them into the HyDRA application to create a completely customizable and dynamic analysis tool. HyDRA contains more than 100 datasets, including resource cost and availability, hydrogen production potential, hydrogen production cost, resource consumption, hydrogen demand, infrastructure, and results from integration with other hydrogen models.



Platform, Requirements & Availability

HyDRA exchanges data between different platforms and provides a user interface with customizable maps and querying and download capability. Freely available to the public from the website: <http://maps.nrel.gov/hydra>, but a user account needs to be created first before accessing the model.

