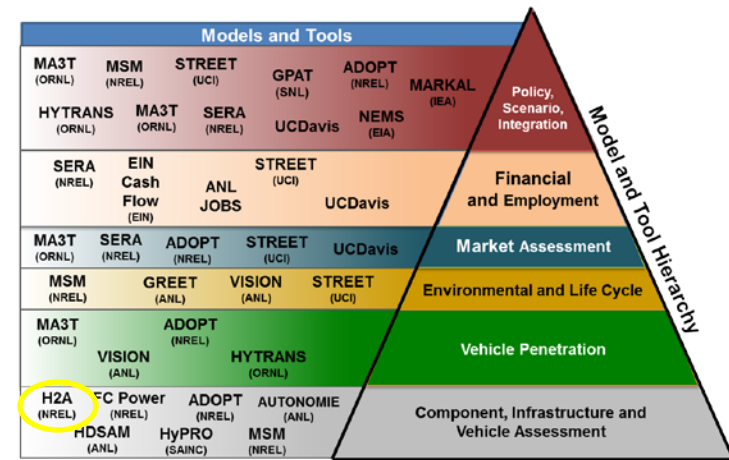


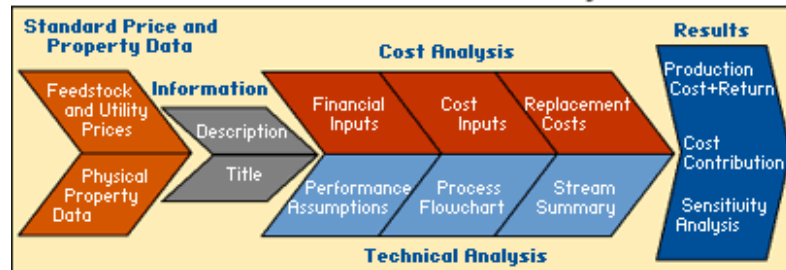
Hydrogen Analysis (H2A) Production Component Model (National Renewable Energy Laboratory)

Objectives

Improve the transparency and consistency of analyses, improve the understanding of the differences among analyses, and seek better validation of analysis by industry. Use a standard discounted cash flow rate of return analysis methodology to determine the hydrogen selling cost given a specified after-tax internal rate of return.



H2A Production Cash Flow Analysis Tool



Key Attributes & Strengths

Part of suite of H2A Models (*Production, Delivery Components, Delivery Scenario*). Allows users to change input assumptions for sensitivity analyses. *Production* model evaluates cost of hydrogen production from any primary energy source for central and forecourt production. All assumptions and calculations are transparent with key components and cost drivers easily identified.

