

JOBS Models

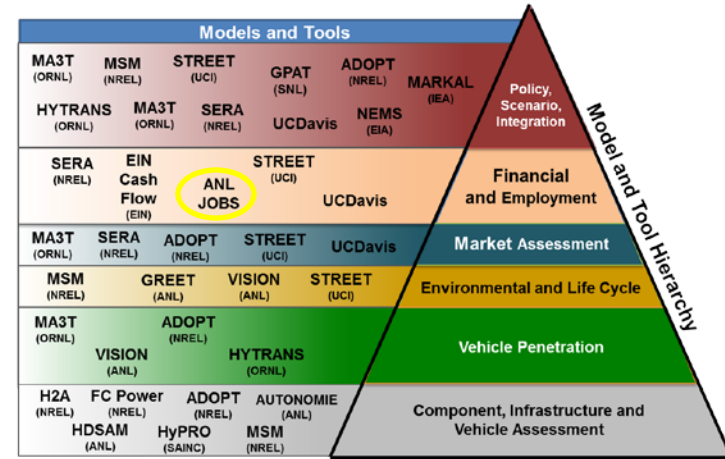
JOBS FC (Fuel Cells) & JOBS H2 (Hydrogen)
 (Argonne National Laboratory)

Objectives

The JOBS and economic impacts of Fuel Cells (JOBS FC) and JOBS and economic impacts of Hydrogen (JOBS H2) models estimate employment, earnings and economic output from the manufacture, installation and use of select types of fuel cells and hydrogen infrastructure.

Key Attributes & Strengths

The two JOBS models use input-output methodology to estimate economic impacts associated with expenditures on fuel cells and related infrastructure, and calculate the ripple effects of those impacts throughout the economy. Users can define a variety of scenarios with the models, either by specifying project-specific costs and operating parameters or by using defaults provided in the models. Both models have a flexible platform that permits users to analyze impacts at the state, regional or national level and to examine scenarios in which different types and sizes of the relevant technology (PEM, PAFC or MCFC fuel cells in JOBS FC or hydrogen fueling stations in JOBS H2) are produced inside or outside a region of interest.



Platform, Requirements & Availability

Version 1.1 of the JOBS FC model is a Microsoft Excel-based spreadsheet tool copyright by the University of Chicago–Argonne, LLC and is available at <http://jobsfc.es.anl.gov>. The model must be run in Microsoft Excel 2010 for full functionality. The JOBS H2 model is currently under development.

