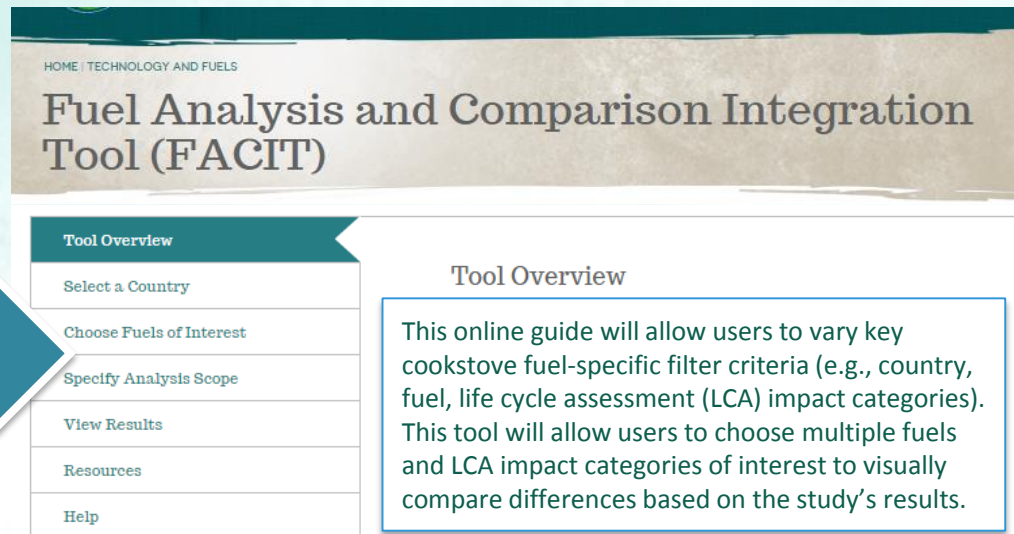
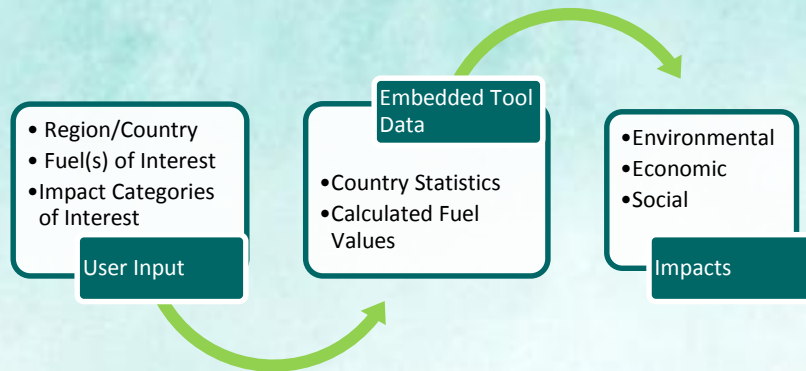


Analyze and Evaluate Impacts of Cooking Fuels



Answer Research Questions:

- ☐ How do fuel choices drive cookstove impacts?
- ☐ What is the relative change in impacts if shifting cookstove fuel types?
- ☐ What is the feasibility of scaling up fuel production and processing methods?
- ☐ What is the impact contribution of different life cycle stages (i.e. fuel production, processing, distribution, and use) for a specified fuel?

Evaluate, Prioritize, Improve:

- ☐ Feedstock choices;
- ☐ Production methods;
- ☐ Livelihood creation or enhancement; and
- ☐ Distribution logistics

Fuel Analysis and Comparison Integration Tool (FACIT)

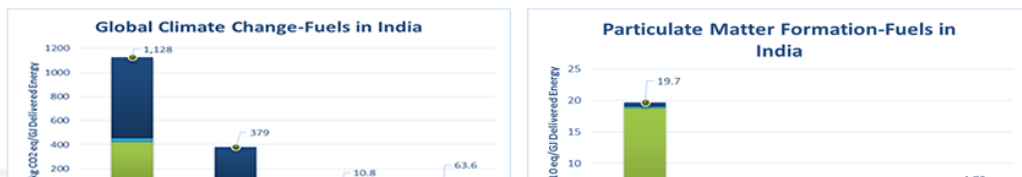
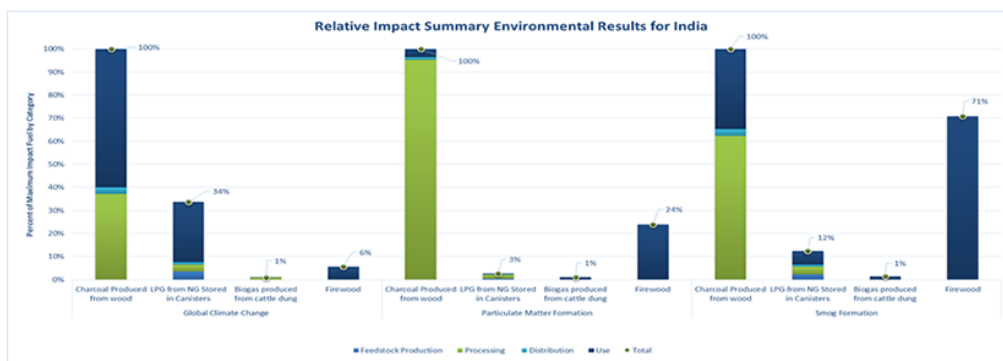
TOOL
OVERVIEWSELECT A
COUNTRYCHOOSE FUELS
OF INTERESTSPECIFY ANALYSIS
SCOPEVIEW
RESULTS

RESOURCES

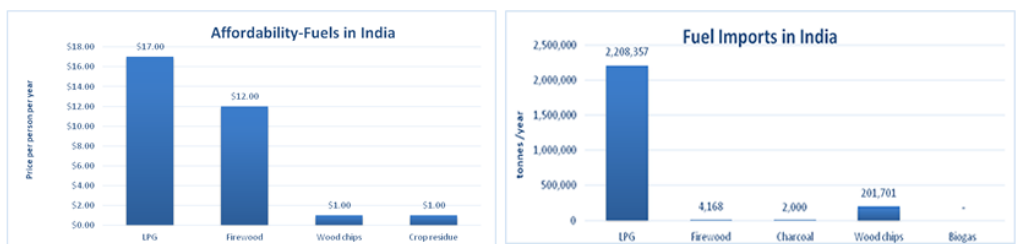
HELP

Customize Results

Environmental Results



Economic Results



Social & Gender Considerations

Fuel Types	Environment	Economic	Social
Wood, Wood chips, Charcoal, Briquettes, Pellets, Ethanol from sugarcane and sawdust, LPG from natural gas and crude oil, biogas from dung	Global Climate Change Potential	Trade – Imports, Exports	Perceived and Actual Safety of HH Members
	Cumulative Energy Demand	Production and consumption per year	Time Savings in the HH
	Net Energy Demand	Fuel Use	Income Earning Opportunities
	Water Input	Affordability	Reliability of Acquiring the Fuel
	Black Carbon	Life Cycle Costs	Challenges for Distributing or Using the Fuels
	PM Formation Potential		Government Policies
			Potential Increase of Skills for Women

Key Audiences



Fuel Producers/ Enterprises

- Ability to evaluate fuel options using different criteria
 - Geographic regions
 - Distribution channels
 - Resource availability



Policy Makers

- Ability to evaluate fuel options based on policy priorities
 - Availability
 - Quality
 - Safety
 - Sustainability
 - Livelihood opportunities



Regional Market Managers

- Develop a more evidence-based Alliance strategy
- Be equipped with quantified information to share about challenges and opportunities across fuel types
- With ministries to prioritize and allocate resources
- With local enterprises



Investors

- Identify barriers to further investment
- Understand the business case for entering and supporting fuels cooking sector



Consumers

- Ability to make informed decisions about fuel use
 - Availability
 - Affordability
 - Accessibility
 - Awareness



Researchers

- Understand opportunities to improve harvesting, processes or conversion, distribution
- Exchange best practices and scale them

The tool will enable each group to evaluate and compare how their fuel choices drive various impacts