



Project ASCENT 93 SAF Global Supply Chain Development



WASHINGTON STATE
UNIVERSITY

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Summary

The project aims to develop tools for analyzing the country-level supply chain, collect data from stakeholders, and build training capacities in SAF-related topics. PhD students have created a generalizable framework to assess SAF opportunities within a country, which has been validated through stakeholder participation.

Motivation and Objectives

- Work with regional partners to design and analyze SAF supply chains in Latin America
- Create graduate programs on the design and analysis of SAF production and supply chains.

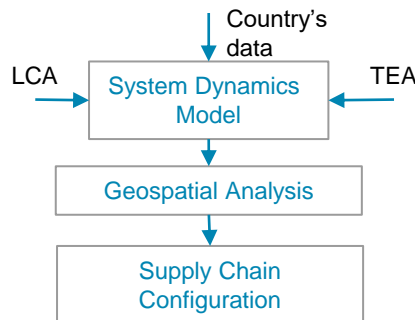
Results and Discussion

Decision-making tools to support stakeholders in evaluating options (ATJ, HEFA, GFT, and Pyrolysis) and advancing the SAF industry

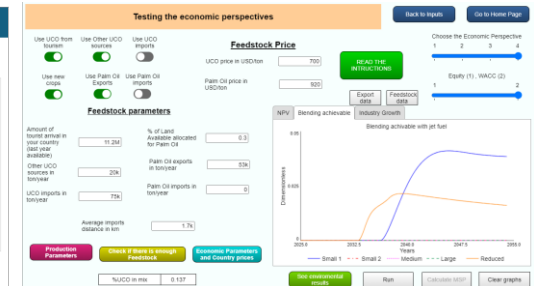
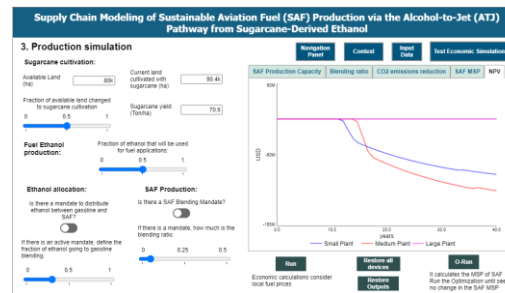
- **Production:** capacity, blending, land use, and co-products
- **Financial:** MSP, Effect of policies, Growth over time
- **Environmental:** emissions reduction
- **Social:** food security, employment development

Methods and Materials

- Develop tools for supply chain analysis

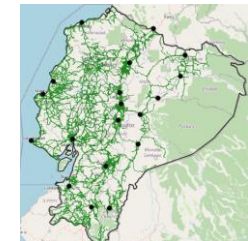


- Develop a **Master Program in Sustainable Aviation Fuel Production** (Submitted for WSU Senate approval, Target Starting date: Fall 2026)
Certificates: SAF Production Technologies, SAF Law, Policies and Systems View, SAF Fuel and Combustion



Geospatial analysis

- Location of facilities
- Supply chain configuration



Conclusions and Next Steps

Valuable tools have been created for analyzing the SAF supply chain dynamics, identifying strategies, and encouraging investment in SAF projects. Next steps: Publishing the tools

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