



## Project A01

# Sustainable Aviation Fuel Development: Law, Policy and the Blender's Tax Credit

### Penn State

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PM: Nathan Brown, FAA

Cost Share Partner(s): Penn State

March 2022 Quad Chart

### Objectives:

1. Understand law and policy drivers related to SAF in the United States.
2. Engage with stakeholders as needed
3. Research carbon capture and sequestration
4. Work on soil carbon questions

### Project Benefits:

Continue developing understanding of law and policy related to SAF; engage with stakeholders; better understand carbon capture and sequestration and potential opportunities from soil organic carbon

### Research Approach:

Research law & policy drivers related to SAF at federal, state, regional levels and beyond; develop white papers, publications to share with team members and beyond

Work with team members to identify potential stakeholders; facilitate discussions as needed

Work with ASCENT 01 team members to frame research on carbon sequestration and soil organic carbon; conduct literature review and develop research plan

### Major Accomplishments (to date):

Drafted white papers summarizing SAF-related laws/policies in CA, OR, WA, TN, HI; federal

Published paper in Frontiers in Energy: "Regulatory/ Policy Analysis of Production, Development and Use of SAF in the U.S."

### Future Work / Schedule:

Finalize new contract (spring 2022)

Research key legal questions (2022-spring 2023)

Frame research on technical subjects (beginning summer 2022)