

## Support for SB 5447 / HB 1505 Promoting Washington's Alternative Jet Fuels Industry

Please support [Senate Bill 5447](#) and [House Bill 1505](#) promoting Washington's alternative jet fuel industry. This legislation is critical to expanding the supply of Sustainable Aviation Fuels (SAF) to grow the clean energy sector, decarbonize aviation, and create family-wage manufacturing jobs in Washington.

The aerospace industry is aggressively developing new technologies to meet its net-zero emissions goal by 2050.<sup>1</sup> Aviation is one of the most challenging sectors to decarbonize. While alternative pathways for reducing on-road transportation-sourced emissions are becoming increasingly available, there are few viable, near-term options for reducing aviation emissions. "Drop-in" SAF fuels - useable in existing jet engines - will provide benefits now and into the future.

With a broad array of sustainable feedstocks, clean electricity, and a robust aerospace industry, Washington can be a national leader in SAF production. However, SAF remains considerably more expensive than conventional jet fuel, and existing policies favor investment in on-road fuels. SB 5447/HB1505 will accelerate the production of SAF at a commercial scale, helping make SAF less expensive and more available and enabling Washington to enhance its positioning as a world leader in aviation decarbonization.

The legislation will implement key recommendations from the Washington State University Sustainable Aviation Biofuels Work Group December 2022 Final Report.<sup>2</sup> Using sustainable aviation fuels can significantly reduce greenhouse gas emissions and improve air quality for the residents of Washington. This bill will provide incentives that will encourage businesses and organizations to invest in sustainable aviation fuels, creating family-wage jobs and stimulating economic growth in the State.

According to Ecology's 2018 inventory, aviation emissions comprise nearly 10% of Washington's total greenhouse gas emissions. Over time this percentage is set to increase due to the anticipated growth of the aviation sector, combined with measures to reduce emissions from other transportation sectors that can more readily be electrified and rapidly transition to lower-emission technologies such as EVs.

Adopting sustainable aviation fuels is necessary to achieve a cleaner, healthier, and more sustainable future. **We urge you to support Senate Bill 5447 / HB1505 and take a leadership role in promoting sustainable aviation in the State of Washington.**

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<sup>1</sup> <https://www.airlines.org/news/major-u-s-airlines-commit-to-net-zero-carbon-emissions-by-2050/>

<sup>2</sup> <https://s3.wp.wsu.edu/uploads/sites/2180/2022/12/2022-12-01-SABWG-REPORT.pdf>

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