

AMBITION

Washington state is the global leader in the development of transformative sustainable aviation technologies and energies.

We will advance aviation’s global fight against climate change by leading the research, development, and deployment of sustainable aviation fuels, electrified, and hydrogen powered aviation.

These efforts will create technologies in critical demand across the globe, while growing the nation’s most trade-dependent economy, expanding Washington’s aerospace industry, and generating green-collar jobs for Washingtonians.

CLUSTER FOCUS AREA 1

Accelerating & expanding innovation project coordination & collaborations – quickening the pace of innovation

TARGET Year 1	Found Technology & Infrastructure/Market Innovation Groups Launch the update of the 2011 SAFN Report and create consensus roadmap to advance commercialization of biofuels and conduct & PNW H2 ecosystem assessment complete with gap analysis and corrective actions
TARGET Year 3	Five critical H2 ecosystem infrastructure projects launched to address creation, supply, utilization and safety & first electric charging station est. at WA airport
TARGET Year 5	Commercial volumes (5 million gal/yr+) of regionally produced SAF supplied to a WA airport. First hybrid/electric commercial flight in WA. Entry into service of two H2 air and/or ground vehicle platforms w/revenue generating services

CLUSTER FOCUS AREA 2

Reduce barriers, create incentives through targeted advocacy in support of sustainable technologies & energies

TARGET Year 1	Found Regulatory/Policy Innovation Group Actively engage in implementation of clean fuel standards to stabilize market volatility, attract investment, and ensure that a portion of the SAF developed in the state is available to the domestic market
TARGET Year 3	Establish policy partnerships with other sectors that will be dependent on developing low carbon fuels, and supporting infrastructure to create liquid and gaseous fuels and hybrid electric flight
TARGET Year 5	Incentives created for use of residual feedstocks, including municipal solid waste, forest and wood mill residuals, and agricultural wastes for liquid renewable fuel production.

CLUSTER FOCUS AREA 3

Support the next generation of diverse, technically trained aviation workers

TARGET Year 1	Found Workforce Innovation Group Launch Accelerator Program & graduate first cohort
TARGET Year 3	Continue partnering with AWB Institute and Career Connect WA to connect employers, labor, education, & gov’t and create and scale career connected learning for aviation and advanced manufacturing sectors
TARGET Year 5	Develop qualified talent in proximity to sustainable aviation technology & energy employers across the state, including training programs near feedstock cultivation and production facilities, harvesting biomass, biorefineries for SAF, and generation of hydrogen from hydro-electric dams



Cluster Strategy Intro



Get yours at www.strategytools.io

Cluster Strategy Intro by Christian Rangen is the intellectual property of Strategy Tools and is at your disposal under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License.

