



Benefits and Applications of the **HAWAI‘I** CLEAN ENERGY PEIS



Distributed Renewable Energy



Utility-Scale Renewable Energy



Electrical Transmission and Distribution



Alternative Transportation Fuels and Modes



Energy Efficiency



ANALYSES THAT SUPPORT THE STATE'S RENEWABLE PORTFOLIO STANDARDS GOAL OF

100%
RENEWABLE ENERGY
BY 2045

Identifies permitting requirements, potential environmental impacts, and typical best management practices for 31 technologies and activities in five categories



HOW DOES THIS BENEFIT YOU?

GENERAL PUBLIC



PUBLIC PARTICIPATION

Learn about the types and magnitudes of potential environmental impacts



RELIABLE INFORMATION

A valuable collection of information in a single location, compiled by DOE experts



EDUCATIONAL RESOURCE

Reliable source for introducing students to the relationship between clean energy and the environment

ENERGY DEVELOPERS



COMPARATIVE IMPACTS

Scalable, comparisons of potential impacts for a range of clean technologies



SENSITIVE RESOURCES

Awareness of sensitive environmental resources or locations to either avoid or minimize impacts



PERMITTING INFORMATION

Collection of permitting requirements for each technology

REGULATORY AGENCIES & BODIES



FUTURE FEDERAL NEPA

New EISs and EAs can tier from Hawai'i PEIS



ENVIRONMENTAL ROADMAP

Use for reviews of permits or future EISs and EAs



PERMITTING INTERDEPENDENCIES

Agencies gain a sense of other agencies' requirements

POLICYMAKERS



INFORMED PLANNING

Broad perspective of impacts across a range of technologies and locations



INFORMED ZONING

Provides a sense of cumulative effects from multiple future proposals



IMPROVED OVERSIGHT

Broader perspective of regulatory agencies and potential for improvements