

# Oregon Renewable Energy Siting Assessment (ORESAs) Overview

January 2021



# ORESA Project

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The ORESA project is funded through a \$1.1 million U.S. **Department of Defense Office of Economic Adjustment (DOD-OEA)** grant awarded to the Oregon Department of Energy, working with the Department of Land Conservation & Development and Oregon State University's Institute for Natural Resources.

# ORESA: Goals and Objectives

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## DOD Goals

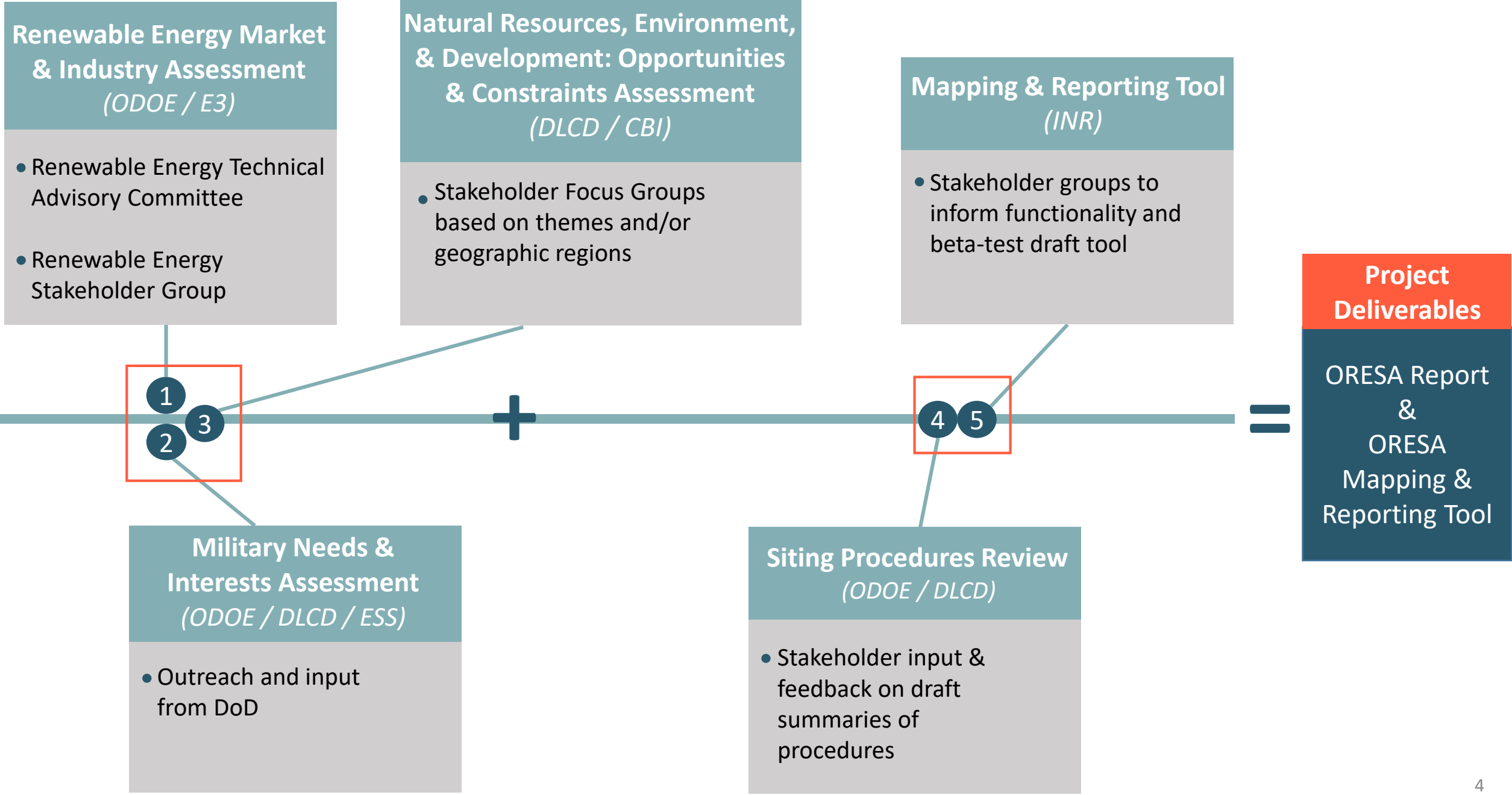
to support military compatibility through coordination with local, regional, and state agencies and raise awareness about the military through the ORESA project.

## Project Goals

to create relevant educational tools for stakeholders, agencies, local governments, and policy makers about renewable energy development, military training and operational areas, economic/community benefits, land use considerations, natural, cultural, and environmental resources, and other regulatory requirements.

## Project Objectives

to baseline data, information, and perspectives to create a transparent, consistent collection of trusted, accurate information in Oregon, without recommendations or endorsements, and note where information may be imprecise or uncertain.



# ORESA Project: 5 Components

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1

**Renewable Energy Market & Industry Assessment** (Led by ODOE and supported by Consulting Firm – E3: Energy and Environmental Economics)

- Collect data and model the future opportunity for development of renewable energy generation and transmission infrastructure in Oregon. Develop cost-optimized, renewable energy build-out scenarios for Oregon over the next 15 years. Build an understanding of the challenges and opportunities that exist in the renewable development community in Oregon and identify gaps that could be addressed for Oregon to meet its long-term energy goals.

## STATUS

- E3 hosting preliminary results webinar today
- *Coming soon:* E3 working on draft assessment report

# ORESA Project: 5 Components

2

**Military Needs & Interests Assessment** (Co-led by ODOE and DLCD and supported by Consulting Firm – Epsilon System Solutions (ESS))

- Collect data and information about current and future military assets, uses, needs, and case studies. Analyze data, protocols, and policies regarding military training and operating areas, including current and anticipated future uses. Note any constraints and opportunities between renewable energy development and military uses.

**STATUS**

- ESS research and feedback from Military entities
- *Coming soon:* ESS working on draft assessment report

# ORESA Project: 5 Components

3

Natural Resources, Environment, and Development: Opportunities & Constraints Assessment (Led by DLCD and supported by Consulting Firm Conservation Biology Institute (CBI))

- Collect data and information regarding the presence of natural, cultural, and environmental resources, as well as, jurisdictional protections, development constraints, and commercial interests. Collect data and information regarding community and economic opportunities with renewable energy development. Build an understanding of renewable energy opportunities and constraints, including regulatory structures and protections vested with Tribal governments and local, state, and federal agencies.

STATUS

- CBI hosted [webinar series](#) and recordings available [online](#)
- *Coming soon:* CBI working on draft assessment report

# ORESA Project: 5 Components

4

## Siting Procedures Review (co-led by ODOE and DLCD)

- Review and analysis of siting regulations, permitting, and project review processes as they relate to notification, identification, and evaluation of potential impacts. Develop summary of siting regulations and process review with feedback from stakeholders. Identify best practices in tools and strategies for engagement and improved coordination.

STATUS

- ODOE and DLCD Staff research and drafting summaries
- *Future Stakeholder Engagement:* Feedback on draft summaries after assessment phase



# ORESA Project: 5 Components

5

## Mapping and Reporting Tool (led by INR)

- Develop a mapping and reporting tool, housed on [Oregon Explorer](#), with data and information about renewable energy; military training and operational areas; economic development opportunities; land use considerations; natural, cultural, and environmental resources; and other regulatory requirements. The tool should build a more comprehensive understanding of renewable energy and transmission development and support proactive coordination with stakeholders, agencies, local governments, and policymakers in the state. Development of the tool will involve stakeholders to help define use cases and reporting functionality.

### STATUS

- INR coordinating data with consultants; drafted and posted [summary of mapping and reporting tool](#) objectives online
- *Future Stakeholder Engagement:* Convene user groups to inform tool development after assessment phase

## Renewable Energy Market & Industry Assessment (ODOE / E3)

- Renewable Energy Technical Advisory Committee
- Renewable Energy Stakeholder Group

## Natural Resources, Environment, & Development: Opportunities & Constraints Assessment (DLCD / CBI)

- Stakeholder Focus Groups based on themes and/or geographic regions

## Mapping & Reporting Tool (INR)

- Stakeholder groups to inform functionality and beta-test draft tool

## Project Deliverables

ORESAs Report &  
ORESAs Mapping &  
Reporting Tool

1

2

3

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4

5

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## Military Needs & Interests Assessment (ODOE / DLCD / ESS)

- Outreach and input from DoD

## Siting Procedures Review (ODOE / DLCD)

- Stakeholder input & feedback on draft summaries of procedures

# Stay in touch!

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Learn more about the ORESA project & stakeholder engagement:

<https://www.oregon.gov/energy/energy-oregon/Pages/ORESAspx>

Sign up for email updates on the ORESA project:

<http://web.energy.oregon.gov/cn/a6n53/subscribe>



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