

# THE OCEAN IS OPEN FOR BUSINESS.

## USE MARINECADASTRE.GOV TO MAKE SENSE OF IT ALL.

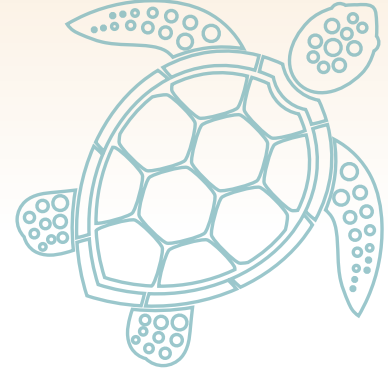
Cables, shipping channels, wind farms, oil and gas leasing. Whales, marine protected areas, sand mining. The ocean is a busy place, much busier than most people realize. MarineCadastr.e.gov is a powerful resource, providing the information people need to make sound decisions.

### Top Ten Things to Know about MarineCadastr.e.gov.

1. **How it is used.** Conflict avoidance. Project siting. Permitting. Project planning. Outreach. Impact assessments. With over 300 layers from numerous sources, MarineCadastr.e.gov provides direct access to the best available ocean data.
2. **It's a game changer.** Before MarineCadastr.e.gov, there was no central resource for visualizing and sharing authoritative ocean data.
3. **Mission support.** This system bolsters the blue economy by promoting the wise use of natural resources and providing businesses with the data and information they need. Using the same data allows businesses, government, and nonprofits to work together more seamlessly. It also supports the White House Digital Government Strategy and Open Data Policy to make data available to the largest possible number of users on a wide variety of platforms.
4. **Duplication of effort—NOT.** MarineCadastr.e.gov reduces redundancy, decreases data acquisition costs, and promotes interoperability. Data are shared in real time with other partners, including Data.gov, regional ocean data portals, and other data sharing platforms, such as the National Geoplatorm and ArcGIS Online.
5. **Data types.** A wide variety is included. Most popular are jurisdictional boundaries, vessel traffic patterns, and marine habitat and energy infrastructure locations. Coverage includes 200 nautical miles (to the country's exclusive economic zone, or EEZ).
6. **It's a partnership project.** While data come from many sources, the site is managed and maintained by NOAA and the Bureau of Ocean Energy Management. The effort began in 2007.
7. **Users.** All professions with an interest in the ocean space, including wind energy, aquaculture, state and federal regulatory agencies, non-governmental organizations, and regional ocean partnerships.
8. **The name is obscure but appropriate.** A "cadastre" is a property record and contains information at the parcel level about legal boundaries, usage, rights, and restrictions. This information forms the foundation of this system, though it has evolved to include much more.
9. **More than data.** The "more" refers to the additional resources found on MarineCadastr.e.gov. These resources include how-to guides and technical support; user stories; environmental studies and ocean laws; and the ability to create custom maps.
10. **Newest upgrade: the Ocean Reporting Tool.** This tool helps industry find optimal sites and increase permitting efficiency. Users can draw in their area of interest and get a quick and comprehensive report.

## Near-Term Goals

- To encourage all businesses and permitting organizations to rely on authoritative spatial data, such as the data provided by MarineCadastre.gov, for decision making.
- To lower costs for consumers by providing data to as wide an audience as possible, and by providing it in the various formats as required by the different user groups.



## MARINECADASTRE.GOV IN ACTION

### Making Data Easier to Use

The U.S. Coast Guard's ocean vessel traffic data represents one of the most popular data sets, but it is large and cumbersome to use. MarineCadastre.gov reformats the raw data to address this issue, saving users hundreds of hours and about \$40,000 each year.

### Reducing Whale Fatalities

Near the California coast, marine sanctuaries are important feeding and breeding grounds for several species of large and endangered whales. Partners used ship tracking data provided through MarineCadastre.gov to alter shipping lanes near sanctuaries, which reduces the likelihood of whale strikes.

### Supporting Offshore Renewable Energy Siting

Estimates say there is enough offshore wind energy potential to provide four times more power than the country currently uses. The Mid-Atlantic is a hot spot for active renewable energy leases. MarineCadastre.gov supplies the Mid-Atlantic Ocean Data Portal with their most popular data set, the BOEM Active Renewable Energy Lease Areas layer. This data-sharing service makes data cheaper and more accessible for a wide audience.

### Saving Time. Saving Money. Expanding Use.

Many regions have their own data portals, and most use MarineCadastre.gov to get at least some of their data. These regional systems can ingest data directly into their portals, and are therefore able to serve the most updated data available to their audience. This process saves the regional teams time and money, since they are not searching for or creating the data themselves.

