

# ETIP Ocean Workshop: Environmental Toolkits for Consenting Ocean Energy

October 13 and 14 2021



**MARINE ENERGY**  
ENVIRONMENTAL TOOLKIT FOR PERMITTING AND LICENSING

# Project Background

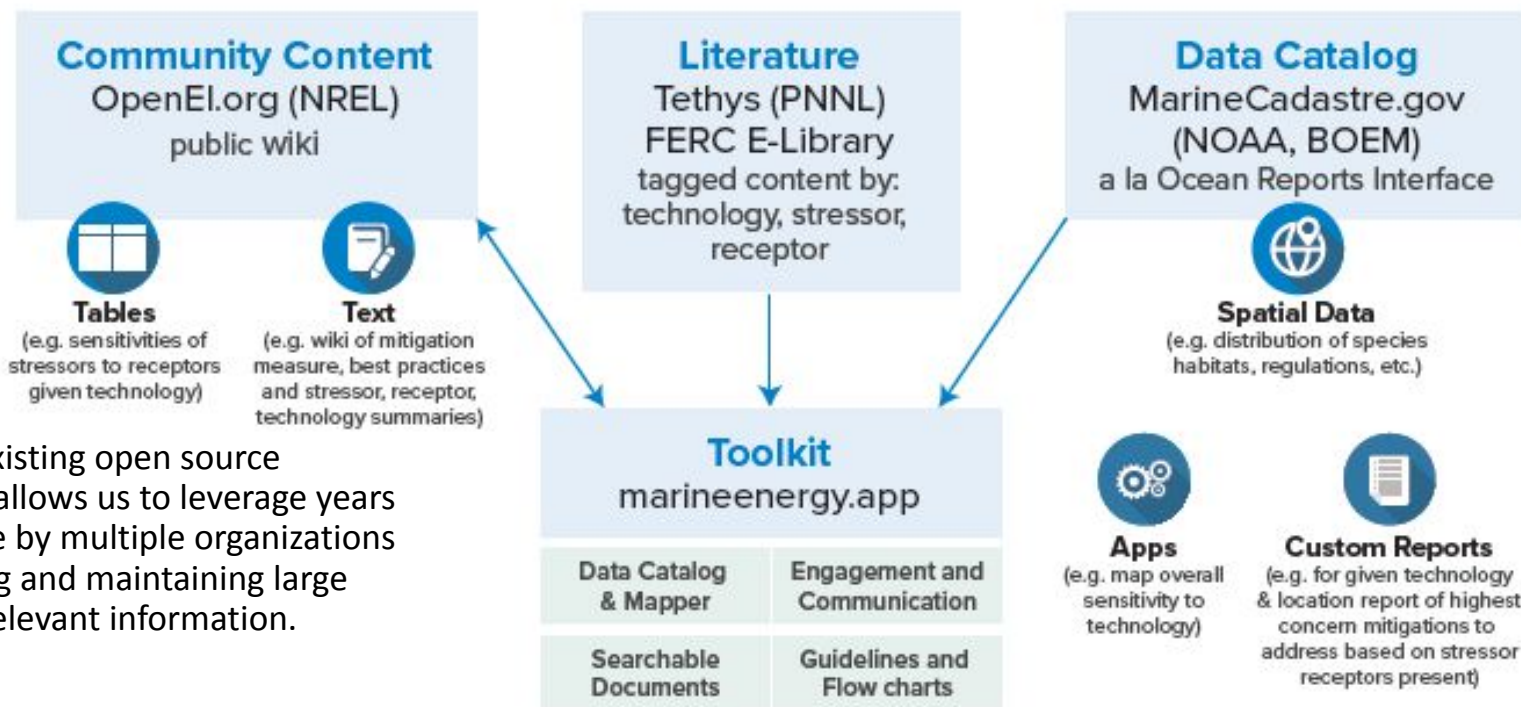
# Goals

This project seeks to:

- Increase regulators' understanding of Marine Energy projects and their potential environmental effects;
- Reduce the amount of time and resources to permit Marine Energy Projects.

# Toolkit Concept

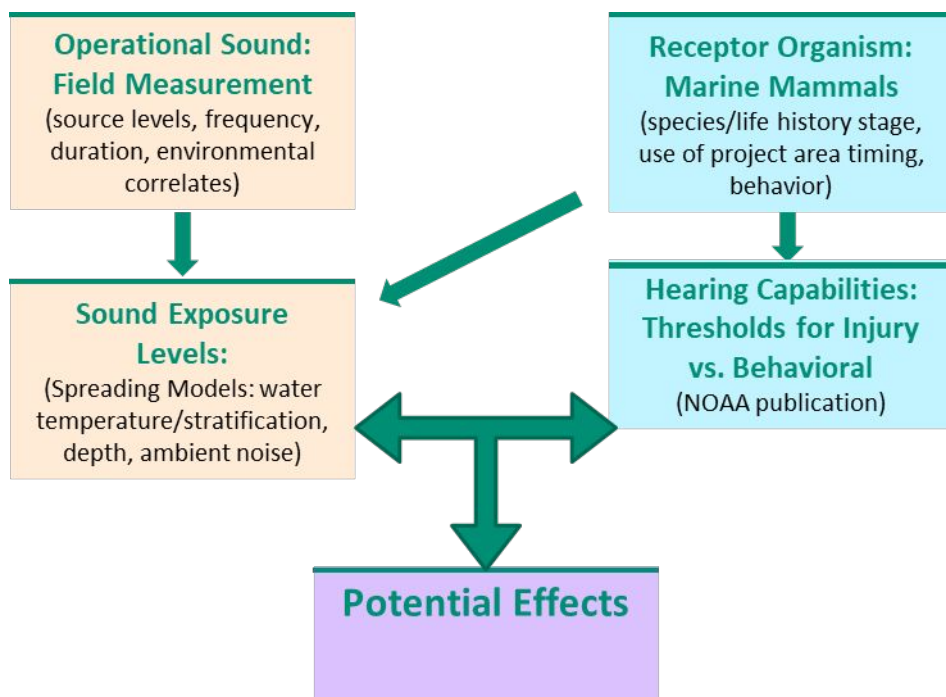
## DATA SOURCES



Relying on existing open source information allows us to leverage years of work done by multiple organizations in completing and maintaining large catalogs of relevant information.

[OpenEI](#)  
[Tethys](#)  
[FERC](#)  
[MarineCadastre](#)

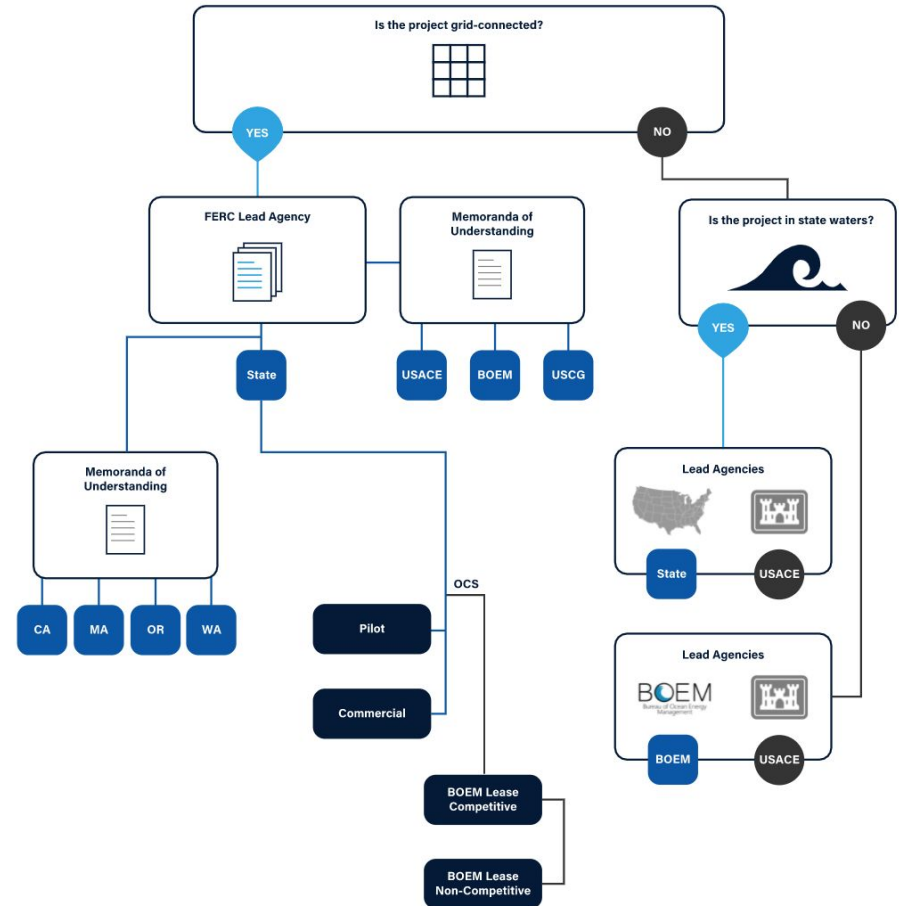
# Data Synthesis (Conceptual Model)



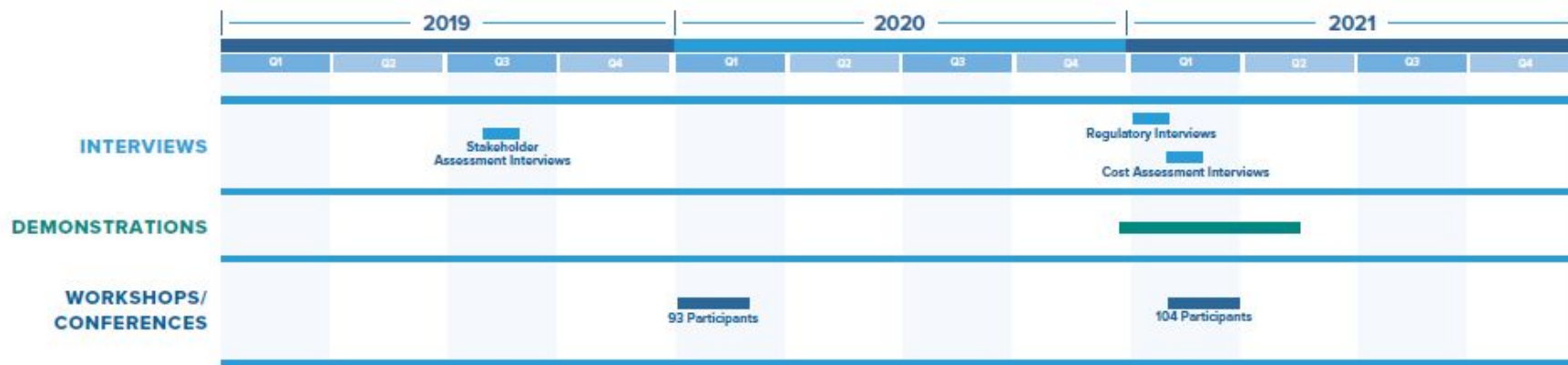
Use same terms as Tethys, so that the information in Tethys can be used to inform interactions in the Toolkit

# Data Synthesis (Regulations )

- Compilation of online resources from federal and state agencies for required permits.
- Delineation of regulatory requirements for less experienced developers using a flow diagram and key questions about their project.



# Outreach & Engagement



•“Test centres have the competence to supply a step-by-step guide to consenting, managing timelines and regulatory expectations. They are very important players to have in the MRE industry”

•“A toolkit like this would be incredibly useful and could provide both regulators and first-time developers with the information required to ease consenting”





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# Demonstration





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# Closing Remarks