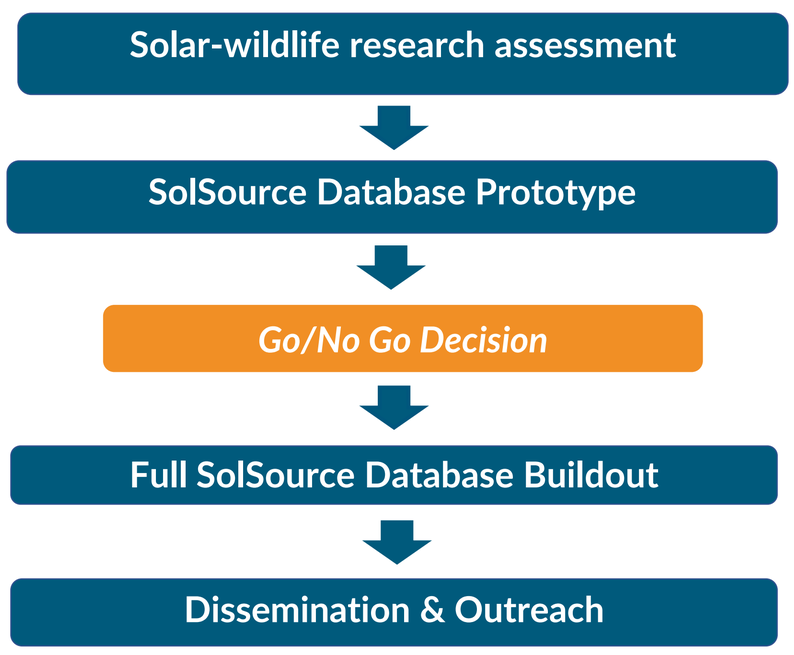
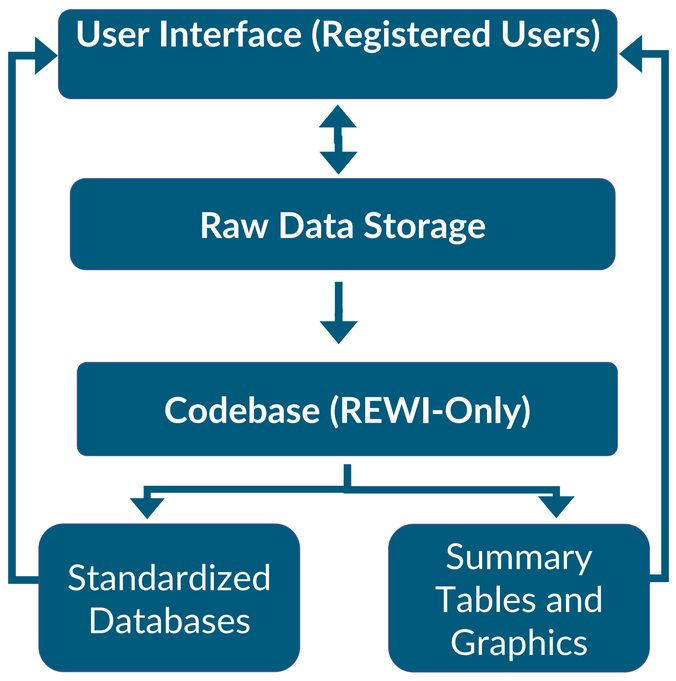
Create a platform for sharing ecological data collected at solar energy projects to facilitate research and siting.

Data-Sharing, Synthesis, and Collaboration to Support Solar Biodiversity Research: REWI's SolSource Database

Process



Infrastructure



Intro

The projected growth of solar energy will require 7 to 10 million acres of land development or conversion. Siting and permitting decision-makers can benefit from having access to the best available information related to risks and benefits to biodiversity in their jurisdictions. This project will assemble and disseminate information needed to make informed decisions.

Methods

1. Generate priority research questions
2. Identify available data types
3. Construct prototype and refine based on stakeholder assessment

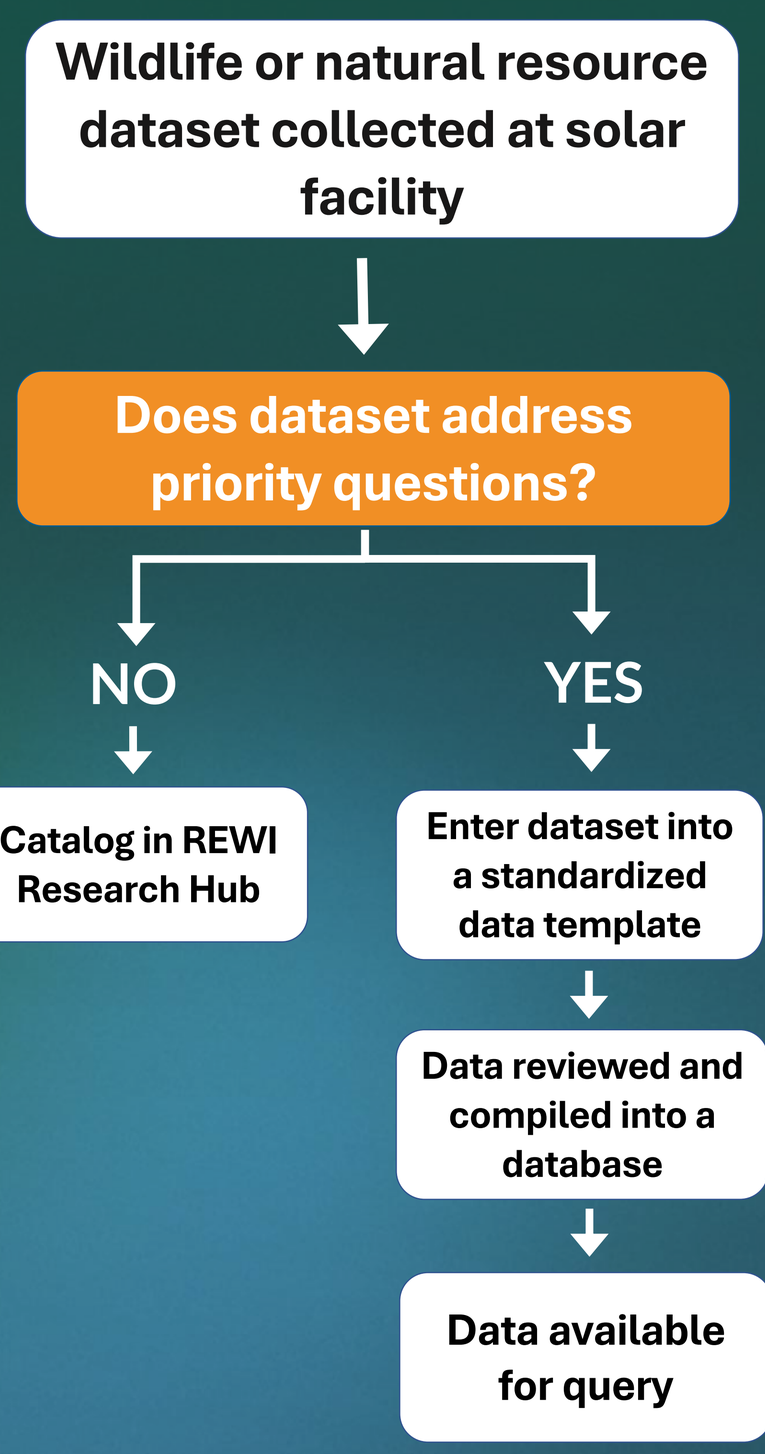
Results

- >300 research products
- > 90 collection efforts
- Prototype finished in Q4 2024

Discussion

- Centralized community resource
- Facilitate collaboration and research
- Inform solar siting and permitting

Data Acquisition Process



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SITING + PERMITTING

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Renewable Energy Wildlife Institute

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