



**Turbine structure inspections | Confined space inspections |
Seabed surveys | Resident ROV/AUV | Engineering |
Tau Autonomy Center | Smart Ocean Tooling**

ROV (Remotely Operated Vehicle) and AUV (Autonomous Underwater Vehicle) services play a crucial role in the renewable energy industry. These services are used for various purposes such as:

- 1. Offshore Wind Farm Inspection:** ROVs and AUVs are deployed to inspect and maintain offshore wind farms. They can assess the condition of underwater structures, cables, and equipment without the need for human divers.
- 2. Subsea Cable Installation and Maintenance:** ROVs and AUVs are used for the installation and maintenance of subsea cables that connect offshore renewable energy installations to the onshore grid.
- 3. Underwater Surveys:** These vehicles are used to conduct underwater surveys to gather data on seabed conditions, marine life, and environmental impact assessments for renewable energy projects.
- 4. Pipeline Inspection:** ROVs and AUVs are employed to inspect and monitor underwater pipelines that transport oil, gas, or other resources for renewable energy operations.
- 5. Environmental Monitoring:** Our vehicles are used for environmental monitoring to assess the impact of renewable energy projects on marine ecosystems and wildlife.

ROV and AUV services enhance the efficiency, safety, and sustainability of operations in the renewable energy industry by providing accurate data, conducting inspections in challenging underwater environments, and reducing the need for human intervention.