

---

# UltramapGlobal Sectors

## Renewables

---

UltramapGlobal is Dedicated to the Protection of The World's Most Important Subsea Cables.

The global Renewables Sector probably uses the widest range of our combined services.

We work at the early stages of development with the provision of our historic data, to help with route planning and risk assessments. We also help installers to manage offshore vessel management, with a primary focus on cost reduction. Feel free to download our 'Cable Installers' Sector Sheet from the library section of our website.

Once sites are commissioned and operational, we work with wind farm owners and operators and the owners and managers of subsea cables to provide services that are used to:

- Report upon and, where needed, prohibit area encroachment. This includes vessels entering the designated wind farm zone, the designated area for turbines (wind, wave and tidal) and the designated area for offshore storage and turbine exclusion zones. This can be a particularly important issue for the protection of floating wind arms and their subsea infrastructure.
- Protect export cables and array cables. Feel free to download our 'Power' Sector Sheet from the library section of our website.

**As with other sectors, we bring together**

- **AssetMonitor®**
- **24/7 Monitoring services**

UltramapGlobal apply these services to the rigorous requirements of monitoring the infrastructure associated with the offshore Renewables Sector.

AssetMonitor® is the world's most used Specialist Subsea Cable Monitoring Software. Consequently, AssetMonitor® knows more, and we can apply that intelligence to making sure our customer's offshore zones and subsea cables are better protected, by us, than anybody else.

AssetMonitor® is a web-based tool that uses AIS data to monitor vessel traffic in the vicinity of offshore exclusion zones and subsea cables, raising alerts if vessels exhibit behaviour that is potentially damaging to the structures and cables that we are monitoring and protecting.

UltramapGlobal Monitoring Services is our in-house monitoring teams, based at strategic locations around the world.

UltramapGlobal monitoring teams monitor alerts from AssetMonitor® in real time, taking agreed preventative action on your behalf. Our team responds to alerts 24 hours a day, 365 days each year.

Explore how we can help you personally. Please call Jeff Taylor, Head of Business Development on +44(0)7796 888910, email [jeff.taylor@ultramapglobal.com](mailto:jeff.taylor@ultramapglobal.com) or visit [UltramapGlobal.com](http://UltramapGlobal.com).

---

# UltramapGlobal Sectors

## Renewables

---

UltramapGlobal is Dedicated to the Protection of The World's Most Important Subsea Cables.

UltramapGlobal Monitoring Services will create regular Activity Reports that chronicle every single event that the UltramapGlobal Monitoring Services team responded to, plus any subsequent responses from vessels and/or organisations.

### **Offshore renewables. Project Specifics.**

The renewables installers, owners and operators we work with can use AssetMonitor® on an ongoing basis, applying it to each offshore zone or cable location.

Regardless of how our customers subscribe to our services, we know that every customer and the service they require is unique, so we tailor our approach for each.

We will monitor the activity of all vessels around agreed protected areas, automatically raising alarms if vessel activity is a potential threat and recording activity within those areas.

### **What We Actually Do**

Here's what we do for each of the offshore renewable projects we work on:

- We set up monitoring and protection zones, mapping them and updating them to mirror the schedule of work or the specific cables and areas we are protecting.
- For installers we work with the project team to follow the project, updating the zones to mirror progress.

This is important from a visual reference perspective, and we may also apply different monitoring rules for each project milestone.

- We set up protection zones around the offshore site, subsea export cable and if necessary for each turbine and array cable. Mapping them and then updating them if there are any changes in the area.
- We provide access to AssetMonitor® for the Project Team so they can see what our monitoring teams can see.
- We focus on exclusion zone parameter definition. Zones may vary in width depending upon the type of threat we expect to encounter.

Explore how we can help you personally. Please call Jeff Taylor, Head of Business Development on +44(0)7796 888910, email [jeff.taylor@ultramapglobal.com](mailto:jeff.taylor@ultramapglobal.com) or visit [UltramapGlobal.com](http://UltramapGlobal.com).

---

# UltramapGlobal Sectors

## Renewables

---

UltramapGlobal is Dedicated to the Protection of The World's Most Important Subsea Cables.

- We focus on exclusion zone rule definition. For example, what behaviour generates high level alerts and what behaviour do we want to ignore.

Statistically we know that most threats come from anchoring, specific fishing activity and dredging work.

Our customers don't want us to raise alarms associated with the activity of Project Vessels.

- We link into the best source of real-time AIS for the project area. One of, or a combination of:

UltramapGlobal's network of AIS receivers.

Existing networks of shore-based AIS receivers.

Existing constellations of AIS satellites.

AIS receivers on board Guard Vessels and Patrol Vessels.

AIS receivers that UltramapGlobal can provide, in most cases free of charge to install on asset landing stations.

- We agree the communication rules our team are going to apply for each area. For example, for the Project Team, project vessels and encroaching vessels.

- On a 24/7/365 basis, we physically police, compliance check and rule enforce in and around project zones. Communicating as agreed with project vessels.

- Vessel traffic monitoring.

- We provide training for the Project Team if required.

- Project reporting. To an agreed schedule, we create and send a report on our project work showing activity in the project area in the time period, alerts generated and vessel interventions carried out by us.

### Benefits

- **Peace of mind** because you are using AssetMonitor®, the world's most used Specialist Subsea Cable Monitoring Software and a 24/7 team with experience of monitoring more cables than anyone else.
- **Cost saving.** Savings are possible with UltramapGlobal's support because of the reduction in cable hits and saving on the multi-million dollars spent on each repair.
- **Cost saving.** Reducing insurance premiums where our services are employed.
- **Cost Saving.** Reducing the need for any physical Guard Vessels.

Explore how we can help you personally. Please call Jeff Taylor, Head of Business Development on +44(0)7796 888910, email [jeff.taylor@ultramapglobal.com](mailto:jeff.taylor@ultramapglobal.com) or visit [UltramapGlobal.com](http://UltramapGlobal.com).

---

# UltramapGlobal Sectors

## Renewables

---

UltramapGlobal is Dedicated to the Protection of The World's Most Important Subsea Cables.

- **Real Time Proactive 24/7 Service** tailored to project requirements.
- **Real Time Project Situational Awareness** of the project, project vessel positions and vessels nearby.
- **Health and Safety Compliance** Positive Impact/enhancement. For example situational awareness of a vessel dredging towards or over cables, a vessel making an emergency stop in close proximity of cables or a vessel going to anchor on cables. Full project area overview managed from 1 point creating awareness for all parties involved in project. All done by remote interaction so potentially no offshore presence needed. Caution and warning messages are sent to vessels' navigation systems if they are on collision course with the Installation Area.
- **Minimising Environmental Impact.** Fewer vessels means lower fuel consumption and emissions.
- **Minimising Operational Impact** AssetMonitor® helps ensure smooth transit of vessels through the project installation areas while the installation work was being carried out.
- **Enhanced Reporting to agreed schedule.**
- **Historical data** is available for future planning.
- **We store all project data** including vessel movements and alerts.
- **We provide alert playback and vessel playback** for a specific area.
- **Caution and warning messages** are sent to vessels' navigation systems if they break the agreed protection rules within the cable zone areas.

---

Explore how we can help you personally. Please call Jeff Taylor, Head of Business Development on +44(0)7796 888910, email [jeff.taylor@ultramapglobal.com](mailto:jeff.taylor@ultramapglobal.com) or visit [UltramapGlobal.com](http://UltramapGlobal.com).