The Isle of Arousa is a small, 7km² island linked to the mainland by the 1800m long Arousa Bridge.

**Problem**

Over the years marine salts had caused steel corrosion in the piers.

**Solution Developed**

CPT installed over 7700 DuoGuard 500 anodes in the majority of the piers. The tidal movements meant that speed of application was a great advantage.

Some of the DuoGuard anodes were placed with an underwater embedding mortar DuoCrete UW, which is specially formulated to stay in place when installed underwater.

**Benefits**

The enclosed service duct which runs the length of the bridge, housed the anode and steel connection. These are relatively easily accessed for test purposes or future impressed current application if necessary.