The contribution of Earth observation technologies to the reporting obligations of the Habitats Directive and Natura 2000 network in a protected wetland

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## Appendix S1. Dynamics of the embryonic shifting dune.

This appendix shows how the embryonic shifting dune ('mobile dune'; 2110 habitat code) was moved since 2004 to 2014. We digitized the 'mobile dune' from aerial photography available for year 2004, 2008, 2010 y 2014. A shift of 66.5 meters over the last 10 years was estimated (Fig. S1).



**Fig. S2.** Shape of the 'mobile dune' manually digitized from the aerial photography available for year 2004 (light green line), 2008 (red line), 2010 (dark green line) y 2014 (black line).