

“Sea current Pmy ITA mapping v.1.0”: documentation file

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“The minor tool “Sea current Pmy ITA mapping v.1.0” is realised by RSE SpA thanks to the funding “Fondo di Ricerca per il Sistema Elettrico” within the frame of a Program Agreement between RSE SpA and the Italian Ministry of Economic Development (Ministero dello Sviluppo Economico).”

3. Acknowledgments

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4. Description and references

“Sea current Pmy ITA mapping v.1.0” (RSE SpA) is a minor tool, which reads the ".nc" files on marine current yearly average power from “Sea current Py mapping” and provides:

- 1) the multiple year average of the specific power flow;
- 2) the 2D multiple year average of the specific power flow (highest values over the depth);
- 3) same as 2), but for the coastal regions;
- 4) same as 3), but for Italian coasts.

The output is written in binary ".dat", ".vtk" and ".txt" file formats.

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