

National Wind and Solar PV SEA Development Prioritisation Grid Results

November 2013

Phase I of the national SEA for the rollout of wind and solar PV energy in South Africa, commissioned by DEA at the end of 2012, has resulted in the identification of:

- 8 Solar PV study areas across the Northern Cape, Free State, North West, Eastern Cape and Western Cape; and
- 15 Wind study areas across parts of the Northern Cape, Eastern Cape and Western Cape.

*Focus areas and report downloadable from http://www.csir.co.za/nationalwindsolarsea/phase1_reg.php

The wind and solar PV study areas have been identified through negative (areas to be avoided for large-scale wind and solar PV development) and positive (determination of development potential based on wind and solar resource as well as technical and social pull factors) mapping.

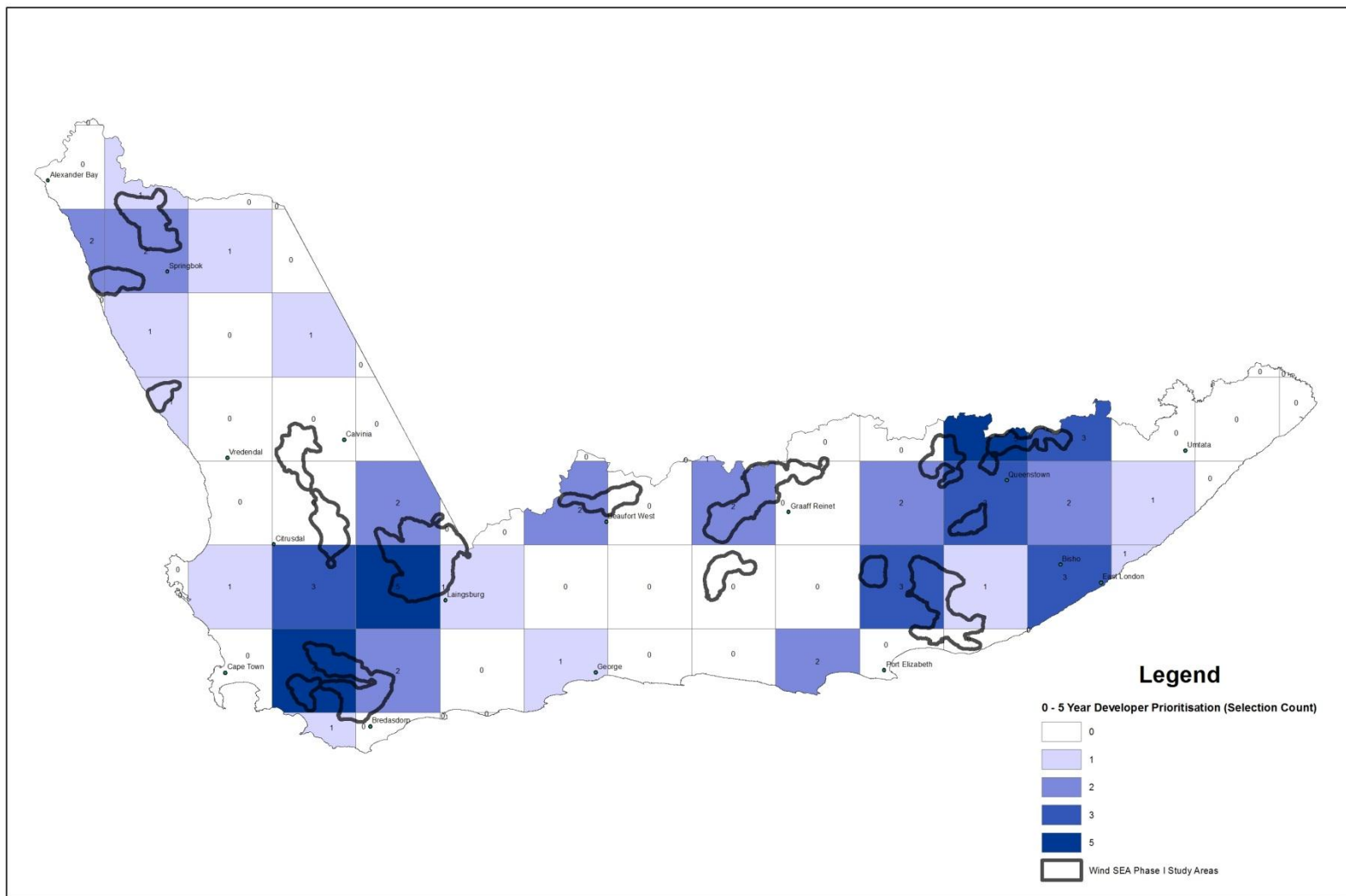
In order to get an industry perspective to inform the prioritisation of the study areas, developers were requested to select 100 km × 100 km grid cells within the SEA extent where wind and solar PV development should, in their opinion, be prioritised in 0-5 years, 5-10 years, and 10-15 years. The deadline for submissions to be received by CSIR was 15 November 2013.

The maps below illustrate the results of this consultation process. Please note that these maps are also downloadable in high resolution PDF format from the project website at <http://www.csir.co.za/nationalwindsolarsea/>

The SEA project team would like to thank developers for their inputs and involvement in the SEA future planning initiative.

For more information, please feel free to contact Lydia Cape-Ducluzeau at LCapeDucluzeau@csir.co.za

National Wind SEA _ 0 - 5 Year Developer Prioritisation Grid 18 Developer Submissions

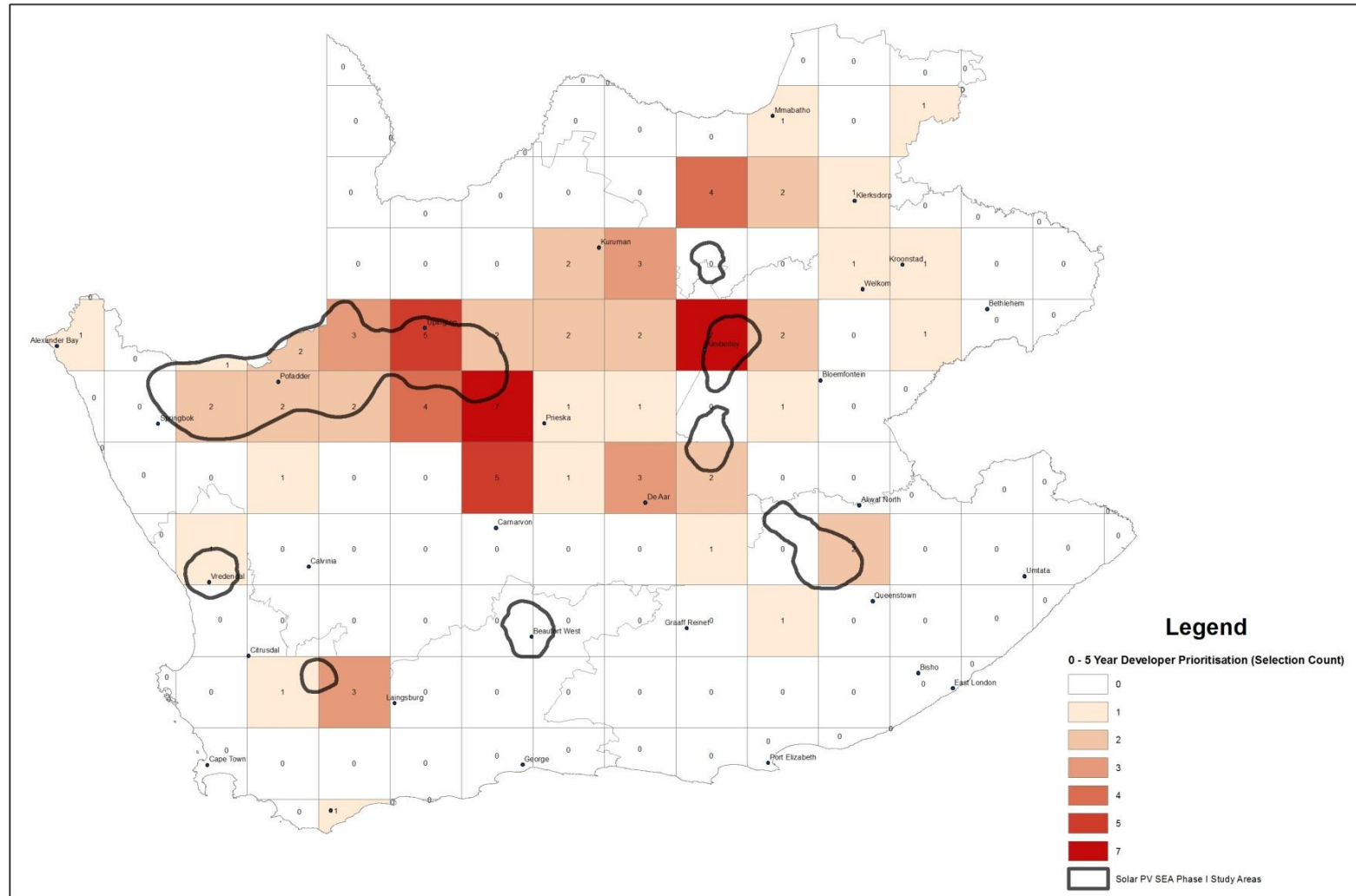


0 60 120 240 360 480 Kilometers

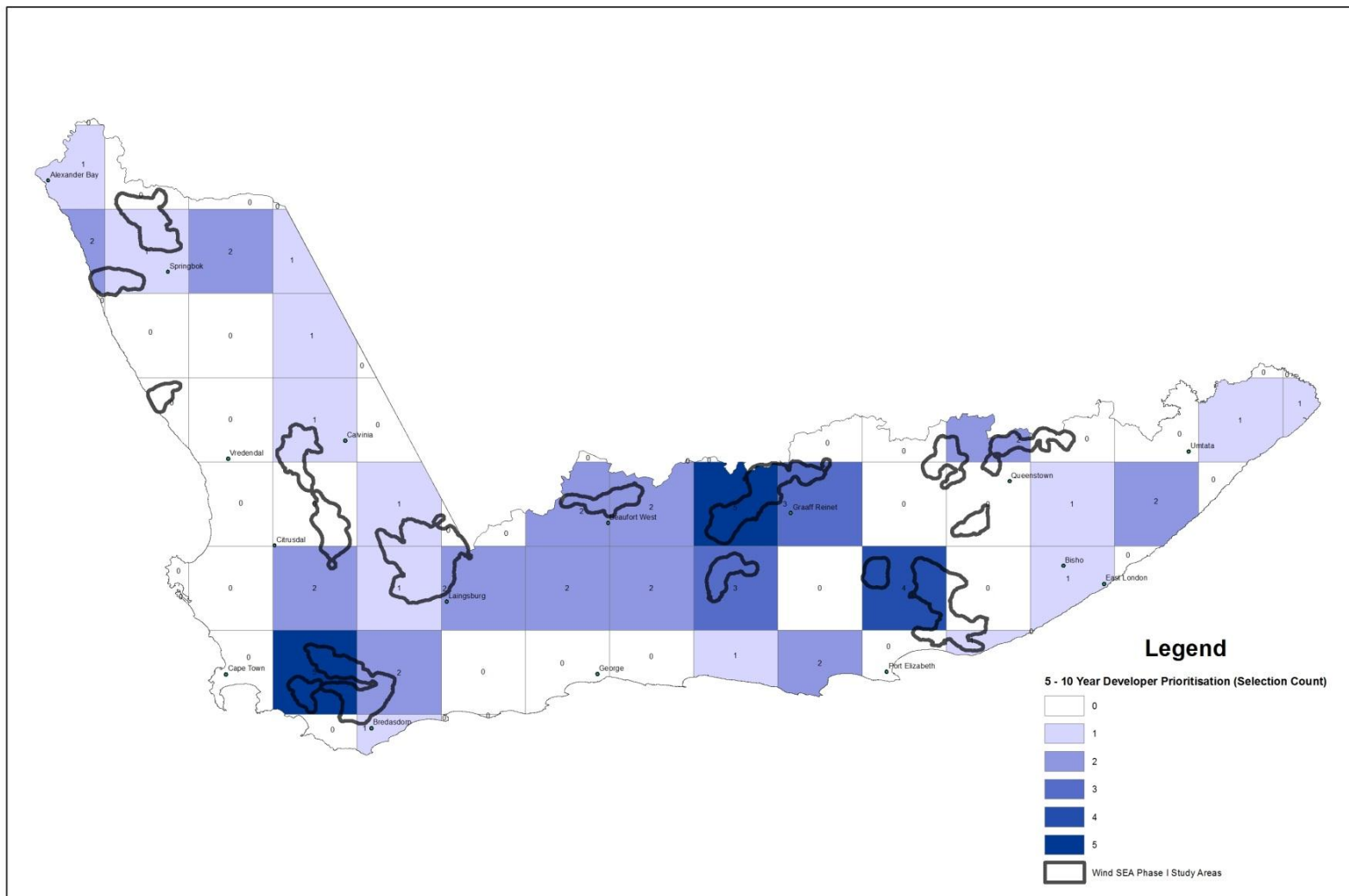


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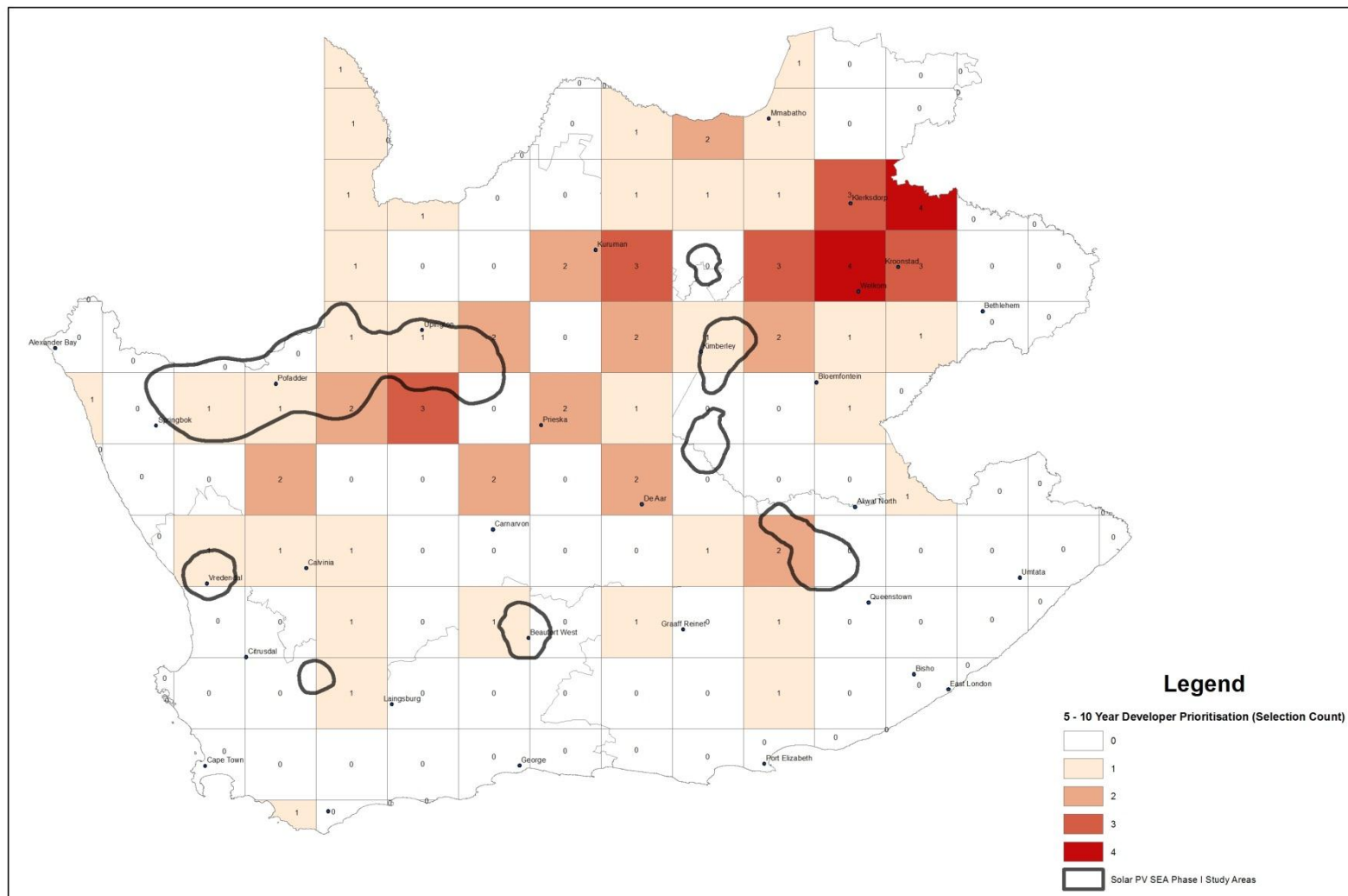
National Solar PV SEA _ 0 - 5 Year Developer Prioritisation Grid 21 Developer Submissions



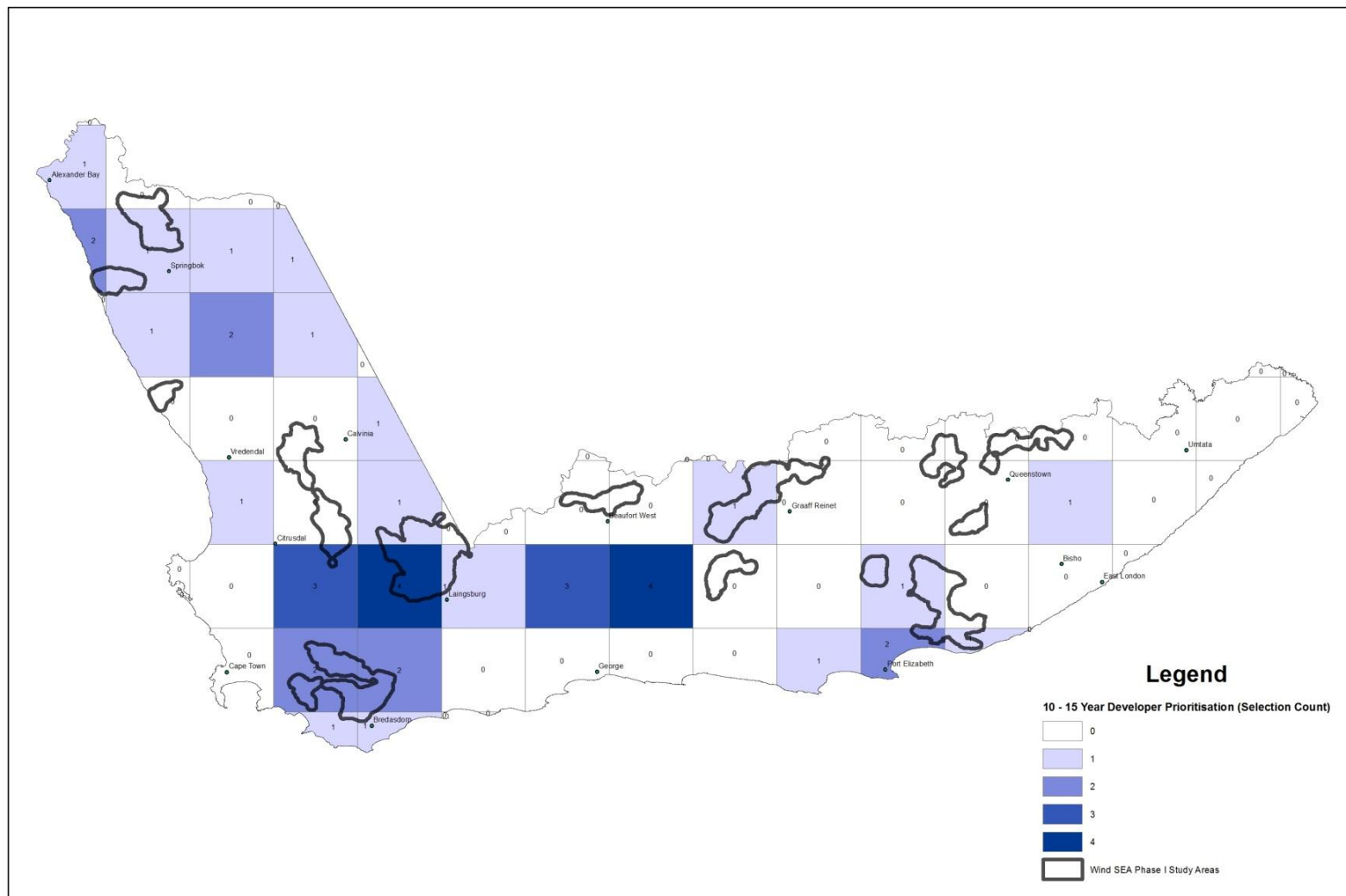
National Wind SEA _ 5 - 10 Year Developer Prioritisation Grid 15 Developer Submissions



National Solar PV SEA _ 5 - 10 Year Developer Prioritisation Grid 20 Developer Submissions



National Wind SEA _ 10 - 15 Year Developer Prioritisation Grid 11 Developer Submissions



0 60 120 240 360 480 Kilometers



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National Solar PV SEA _ 10 - 15 Year Developer Prioritisation Grid 18 Developer Submissions

