SEACUSEY Project
Data server and BDMer 3.0

National Sea cucumber Workshop

September, 12th 2018

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Data server

- Developed electronic logbook – smartphone app ODK Collect

- Installed and hosted at SFA

- Data confidential – only accessible by SFA staff

- Open Data Kit (ODK) and BDMer 3.0

Open Data Kit (ODK)

- Open source software

- Design and manage the logbook forms

- Data uploaded onto the server

- Data repository

- Data used for further analysis using BDMer 3.0
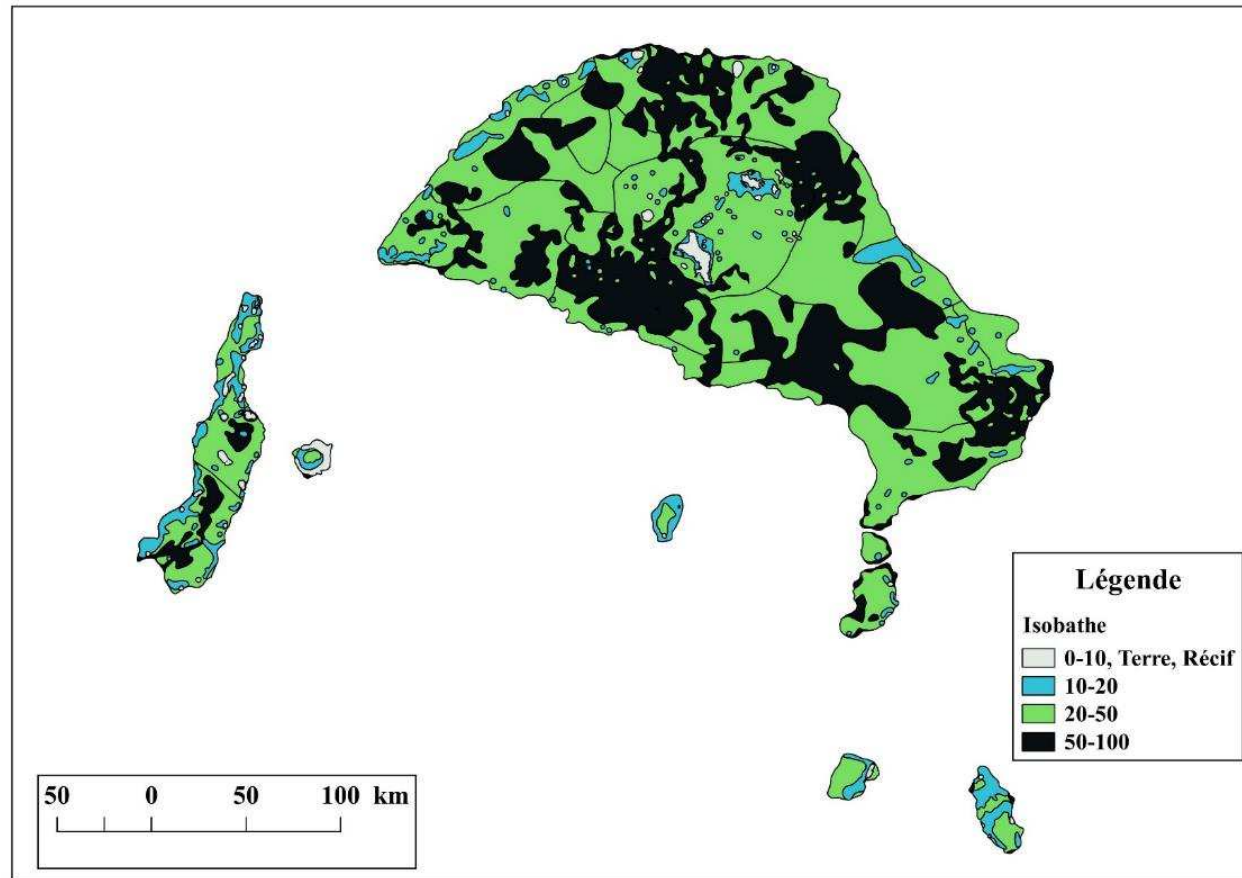
BDMer 3.0

- Data management tool
- To be finalised
- Incorporates field observation of marine resources and habitat information
- Performs statistical analyses – data computing module
- Eg. Produce estimates of density, catch summaries by species, abundance, CPUE etc.
- Results display module (graphs, tables etc..)
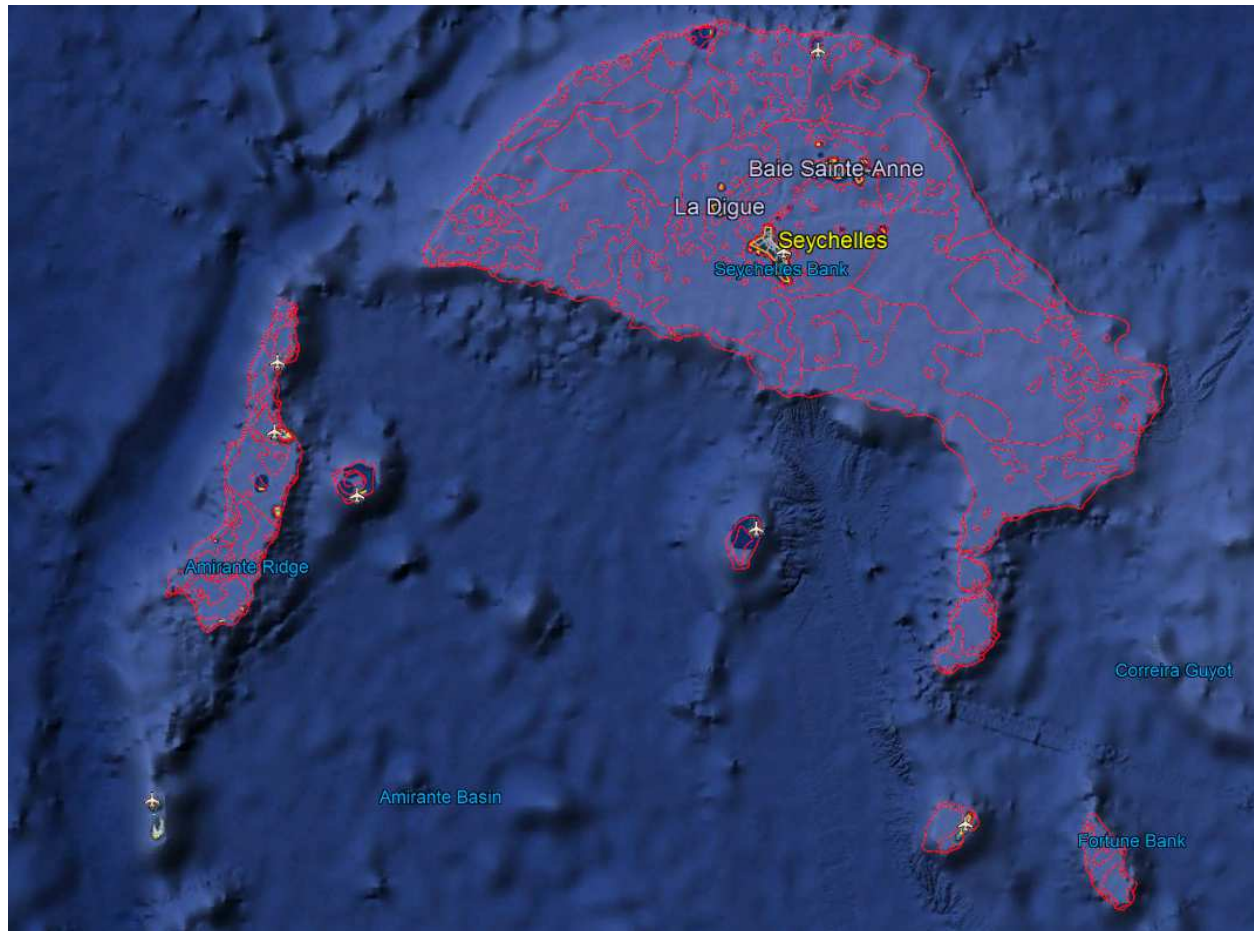- Produce standardised reports

BDMer 3.0

- Allows for quick processing of data

- Analysis can be done by individual vessel or by aggregating the data

- Data analysis/ reporting periodicity can increase

- Fishers can request feedbacks/reports of results from fishing trips

BDMer 3.0

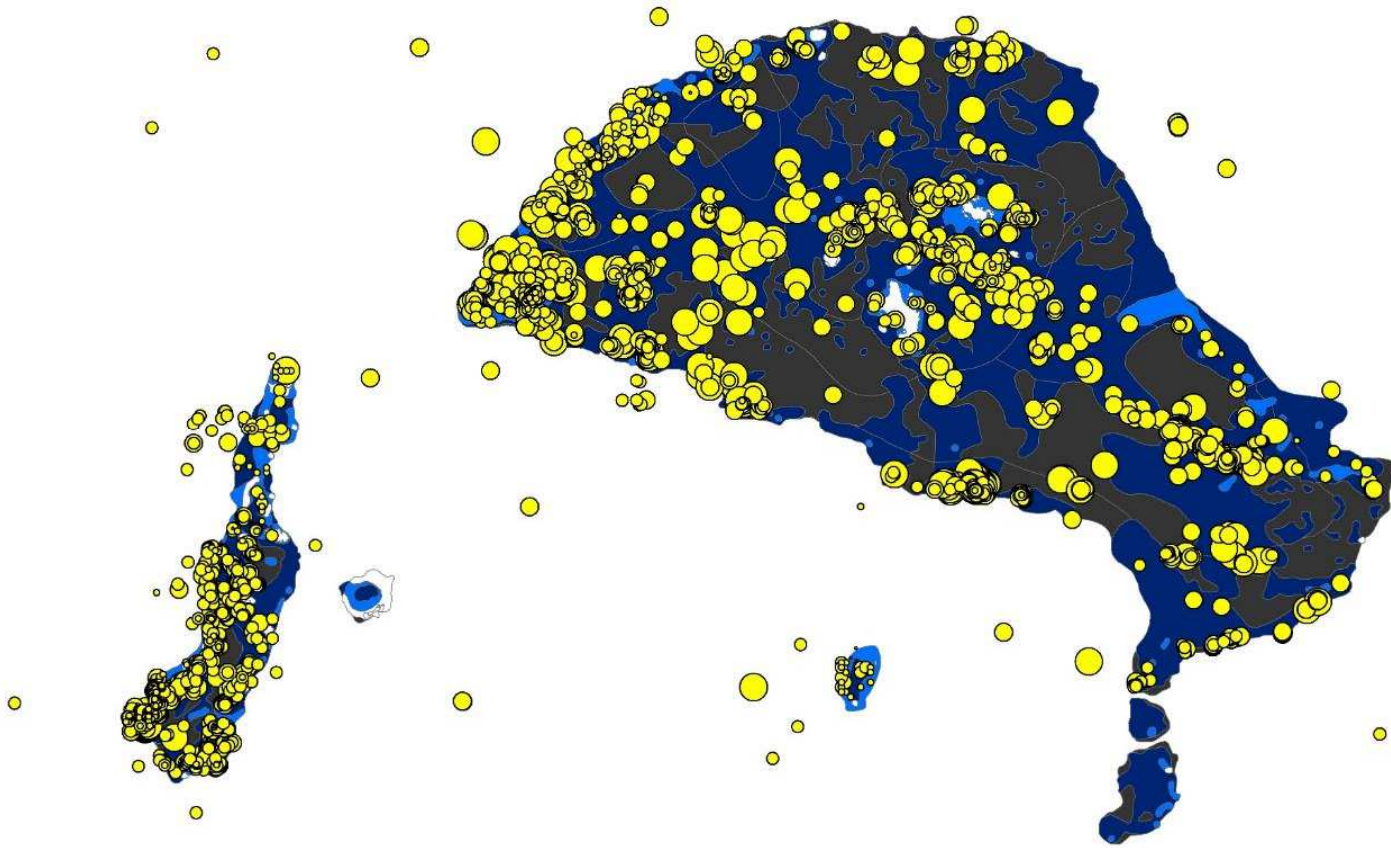- Assessment zones produced based on bathymetry and substrate data
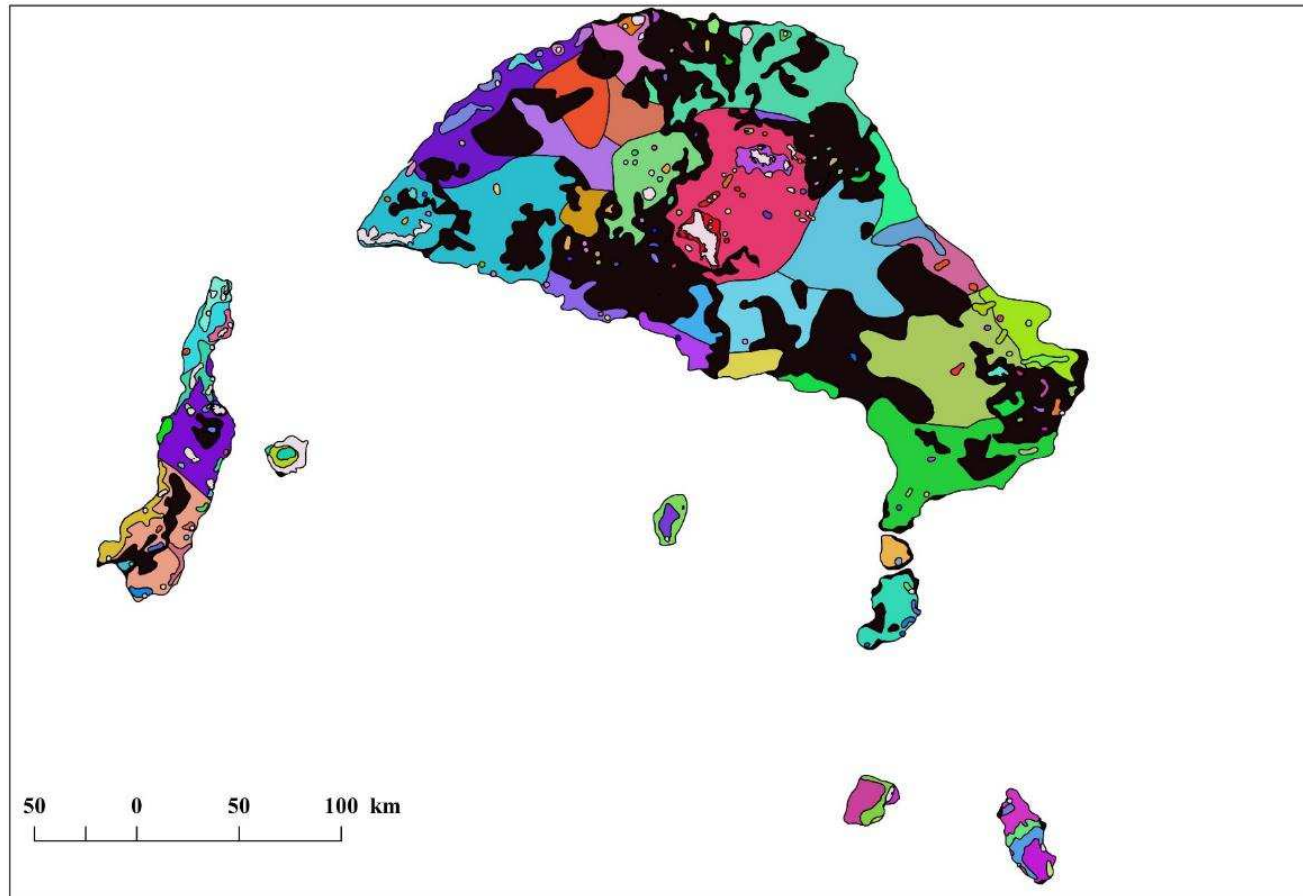
BDMer 3.0 Assessment zones

BDMer 3.0 – Eg. of Outputs

- CPUE or density estimates

BDMer 3.0 – Eg. of Outputs

- Density estimates by zones

Demonstration video