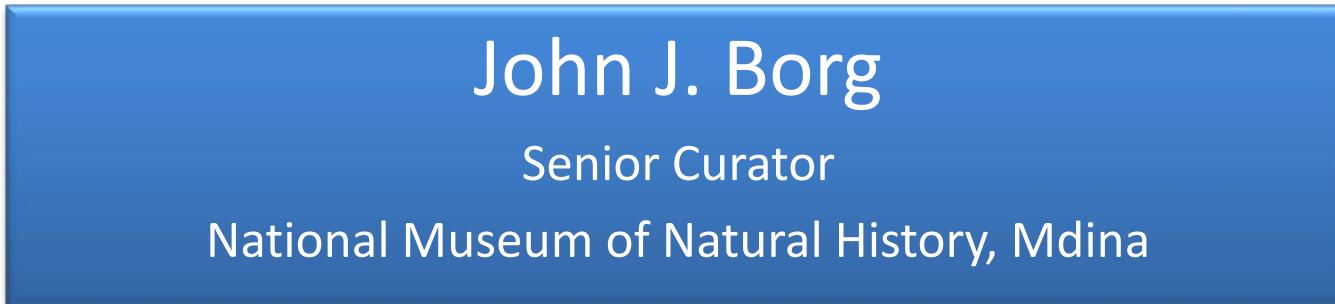
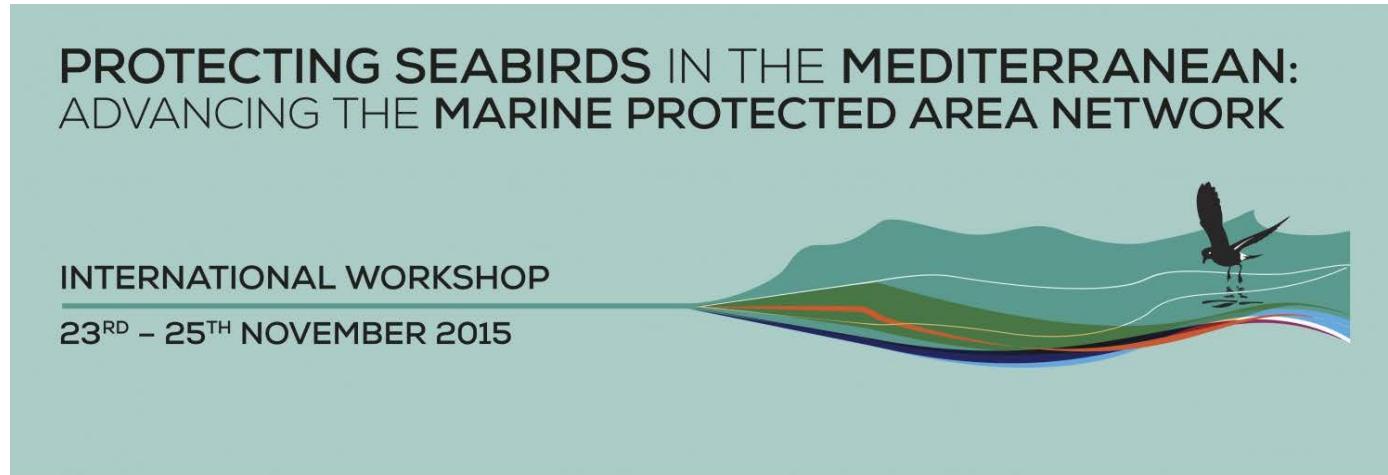


# Land IBA designations and LIFE Yelkouan Shearwater project (2006 – 2010)



## *Sites of Global importance: 2000*

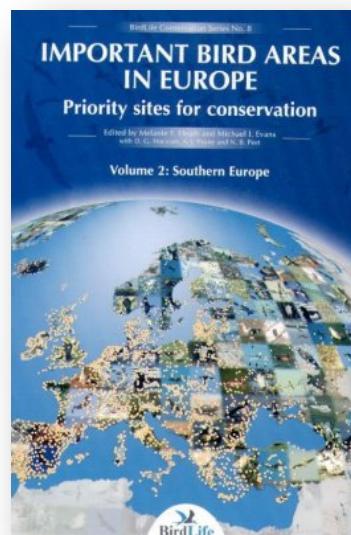
Filfla Islet

I-Ahrax tal-Madonna

Ta' Cenc Cliffs

**Buskett**

Comino



## *Sites of European Union importance: 2004*

West of Wied ix-Xaqqa to Wied Maqbul cliffs;

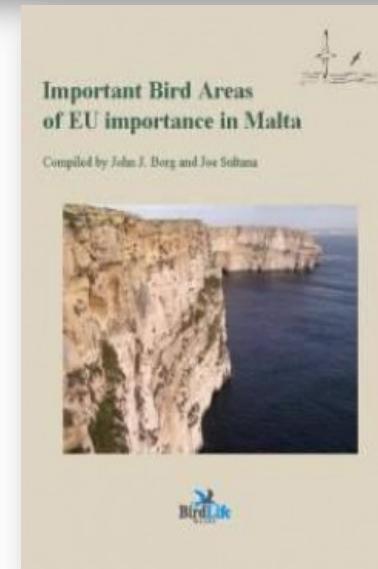
West of il-Hagra Sewda to ix-Xaqqa cliffs;

Il-Kullana to ta' Gfien cliffs;

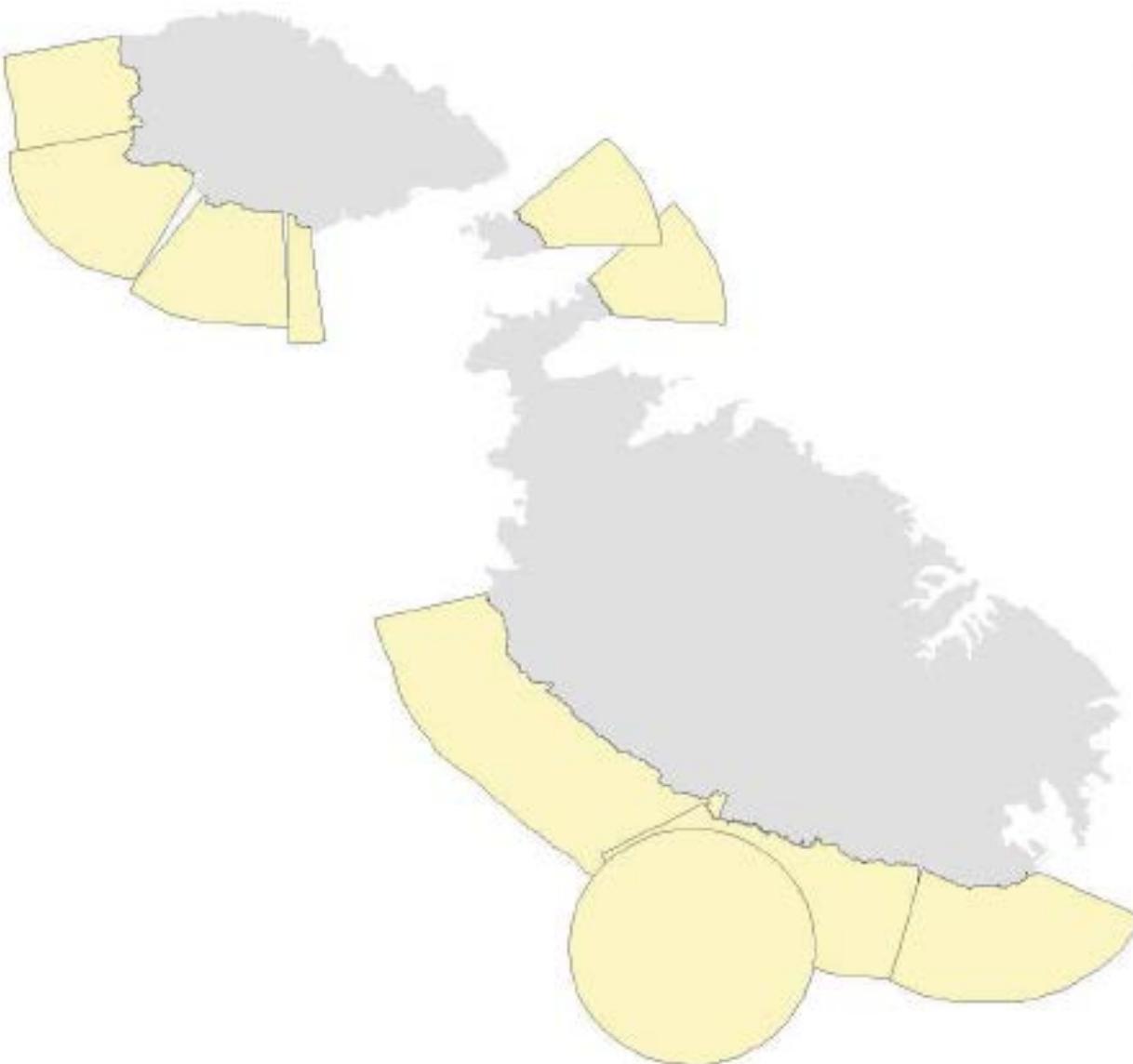
Ic-Cnus to tal Bardan cliffs;

Xlendi Bay to Wardija Pt cliffs;

Dwejra Bay to San Dimitri cliffs



# Seaward Extensions (Rafting areas)



# EU LIFE – Garnija Project 2006-2010 - Objectives

The breeding population of *Puffinus yelkouan* a species of strategic importance at the European level, is on the decline in Malta.

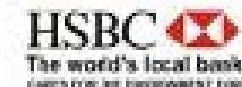
This decline is caused by:

1. premature mortality
2. loss of breeding habitat
3. human disturbance at nesting sites and at sea.

The project intends to reverse this decline and increase the population at Rdum tal-Madonna, a designated SPA and host of the largest colony of *Puffinus yelkouan* on the islands, holding 500 of the 1500 breeding pairs in the Maltese Islands.

The Yelkouan Shearwater Project is a joint EU LIFE funded partner initiative with:  
RSPB, BirdLife Malta, Nature Trust Malta and the Malta Environment and Planning Authority.

Co-financed by:  
Finanzijsi al-Ittihad



The LIFE Nature Programme provides funding to European Union countries to promote sustainable development and assist in developing positive management for key habitats and birds.

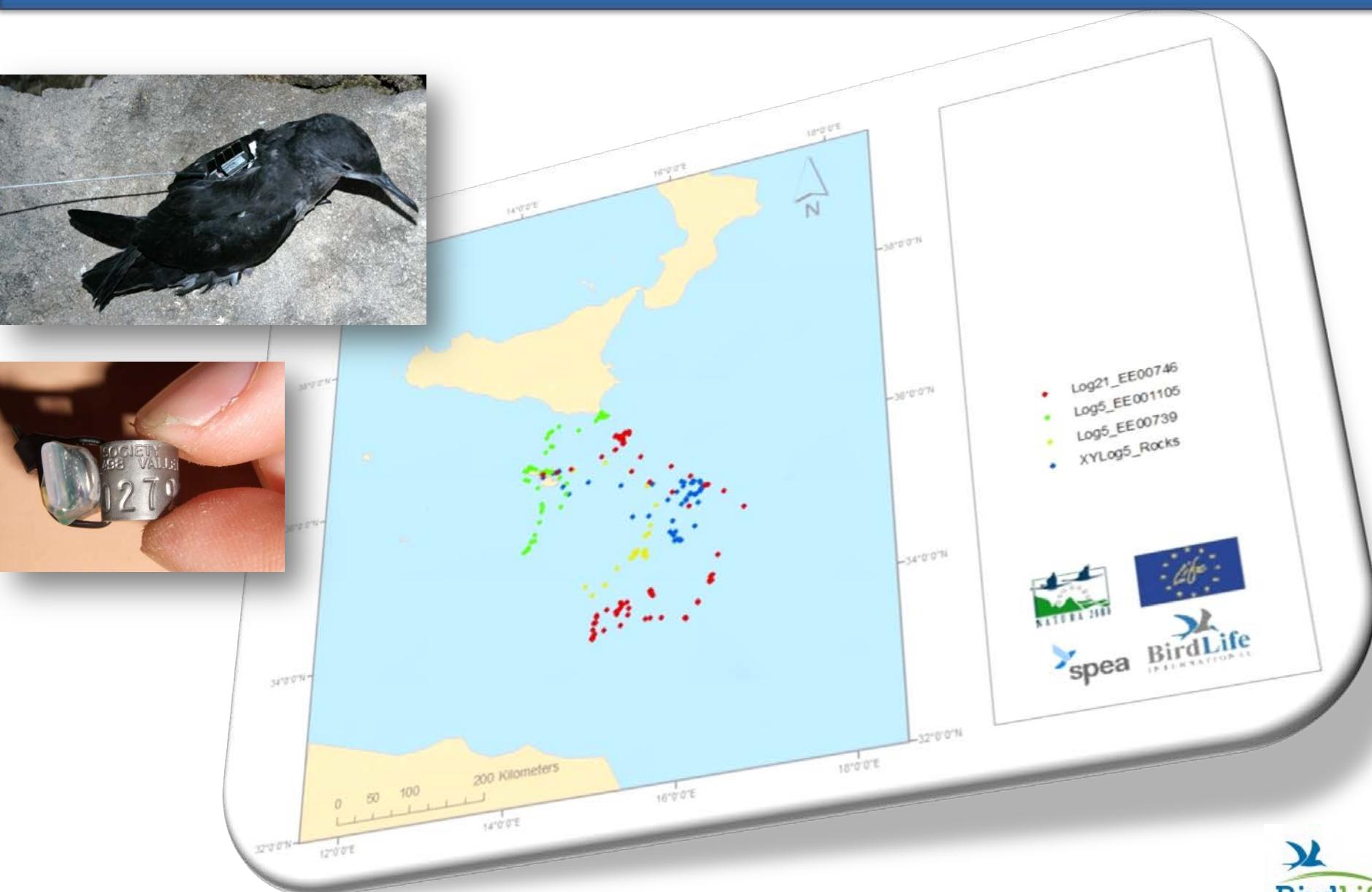
# The Colony and Study Sites



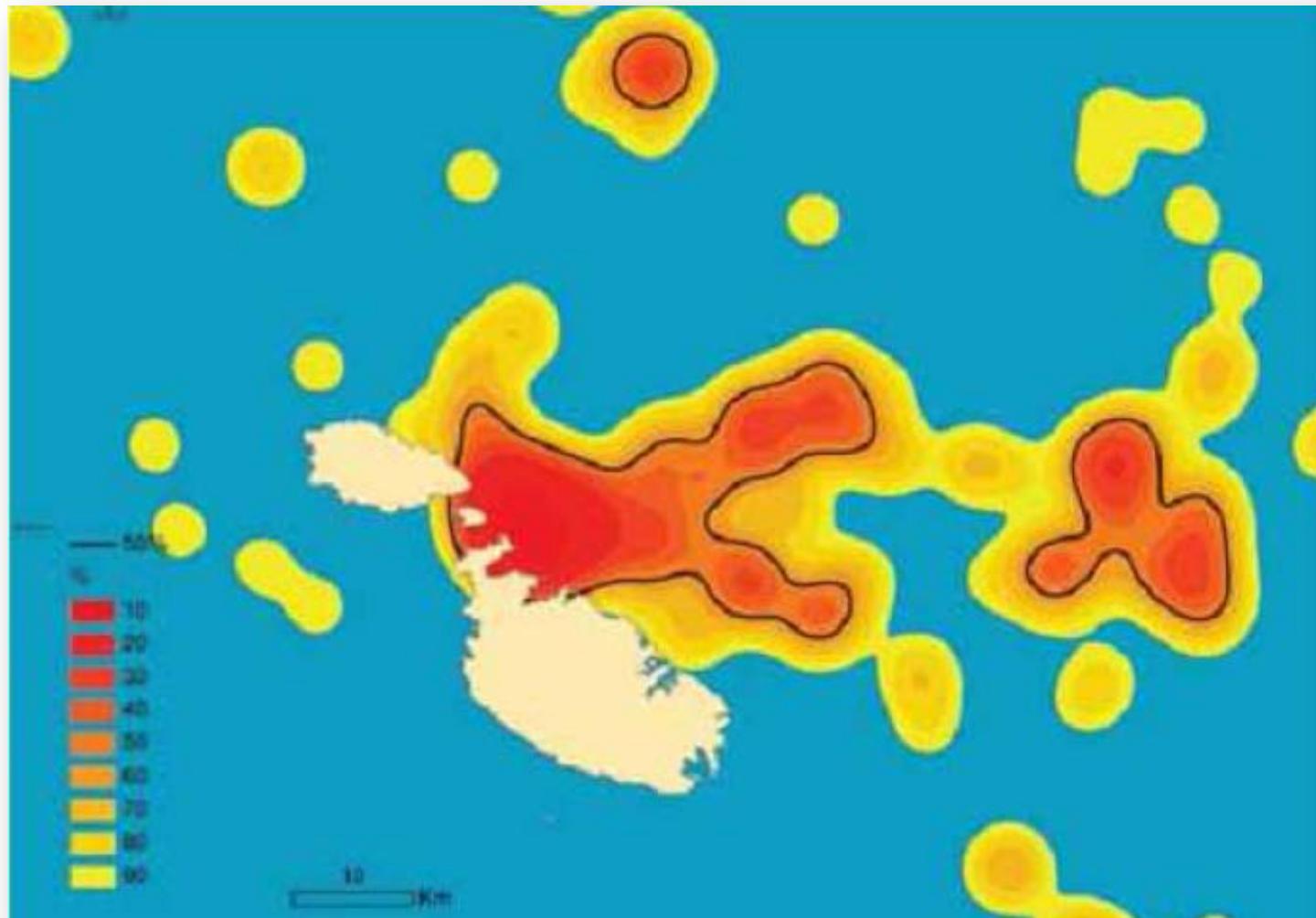
# Actions on the ground



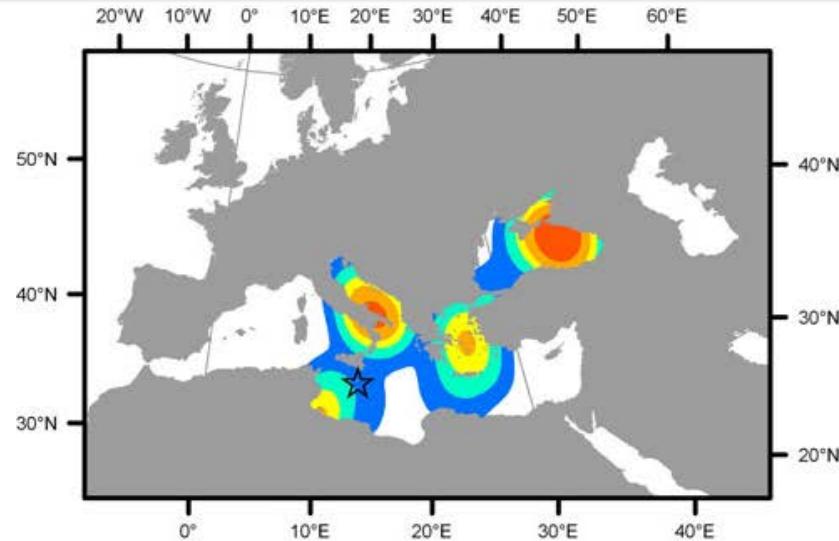
# Tracking Yelkouans at Sea – A First



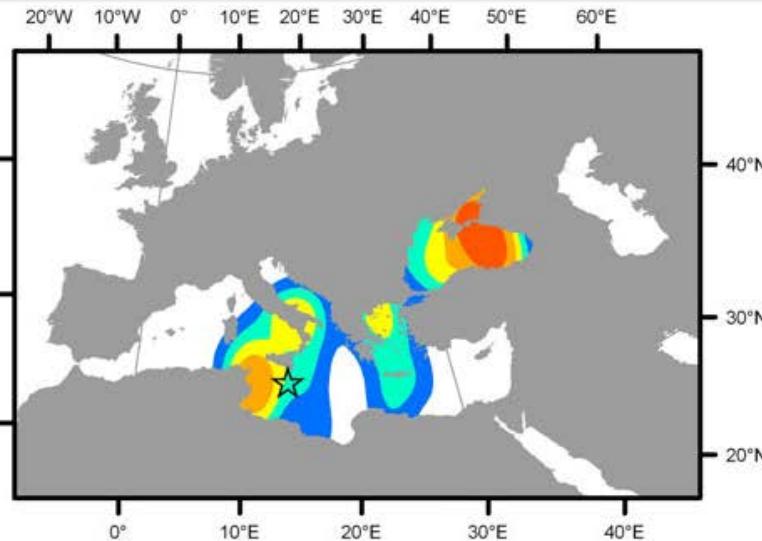
# Identification of Inshore Marine Areas used by *P. yelkouan*



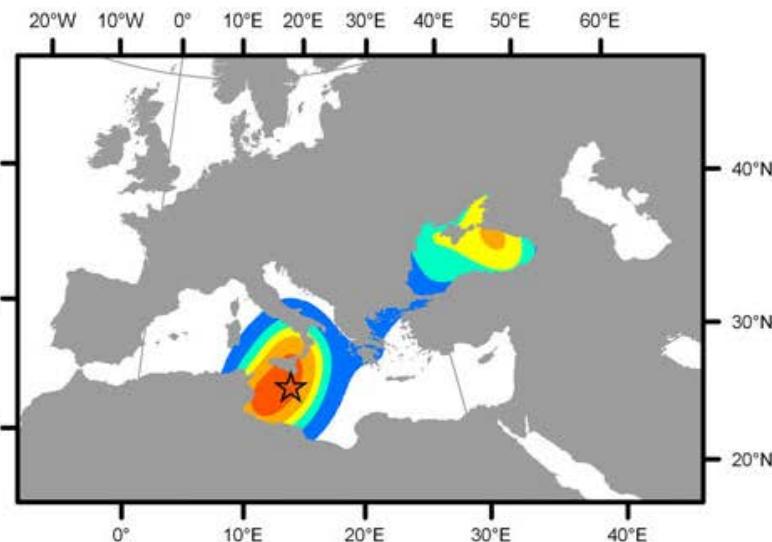
# Post breeding movements in *P. yelkouan*



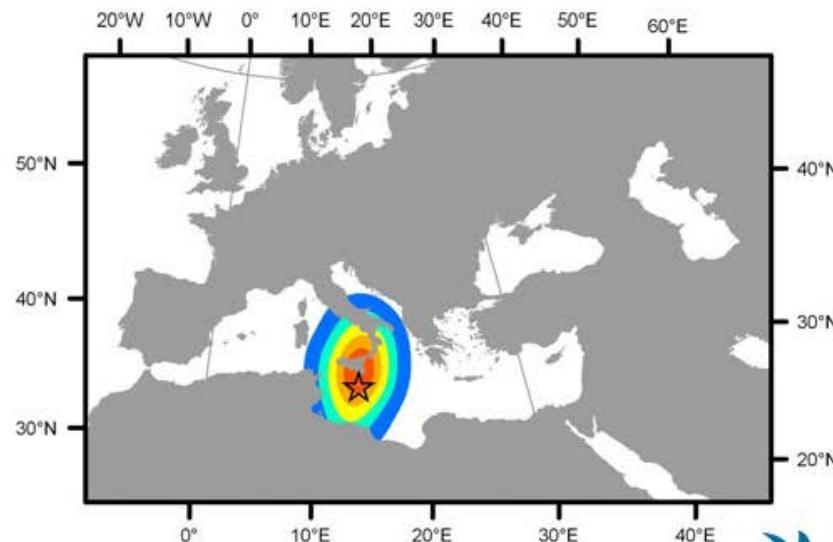
**(a) July-August**



**(b) September-October**



**(c) November-December**



**(d) January-February**

# Achievements

- Securing a safer future for the YS at Rdum tal-Madonna
- Putting Malta on the forefront of seabird conservation
- Laying the foundations for the creation of Malta's first Marine Special Protection Area
- Highlighting the need for international efforts aimed at seabird conservation
- Setting out the way forward for achieving a Favourable Conservation Status of a Natura 2000 site
- Encouraging good fishing practice



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## Report on Key Targets 2007-2010



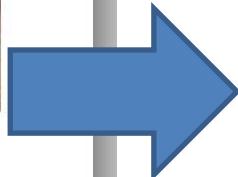
Yelkouan Shearwater chick at Rdum tal-Madonna, 2010.

CONFIDENTIAL<sup>1</sup>

Dr André Raine, John J Borg, Helen Raine



<sup>1</sup> Due to the high risk of human persecution of Yelkouan Shearwater colonies, this document is confidential so as not to reveal the location of the colonies.



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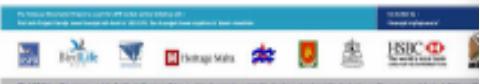
## Light pollution and its effect on Yelkouan Shearwaters in Malta; causes and solution



Light pollution in Malta (2010)

December 2007

Helen Raine, John J Borg, Dr. André Raine, Suzanne Bairmer,  
Matthew Borg Cardona  
With assistance from the Light Pollution Awareness Group



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MALTA

## Proposal for the creation of the MALTA-GOZO CHANNEL MARINE IMPORTANT BIRD AREA



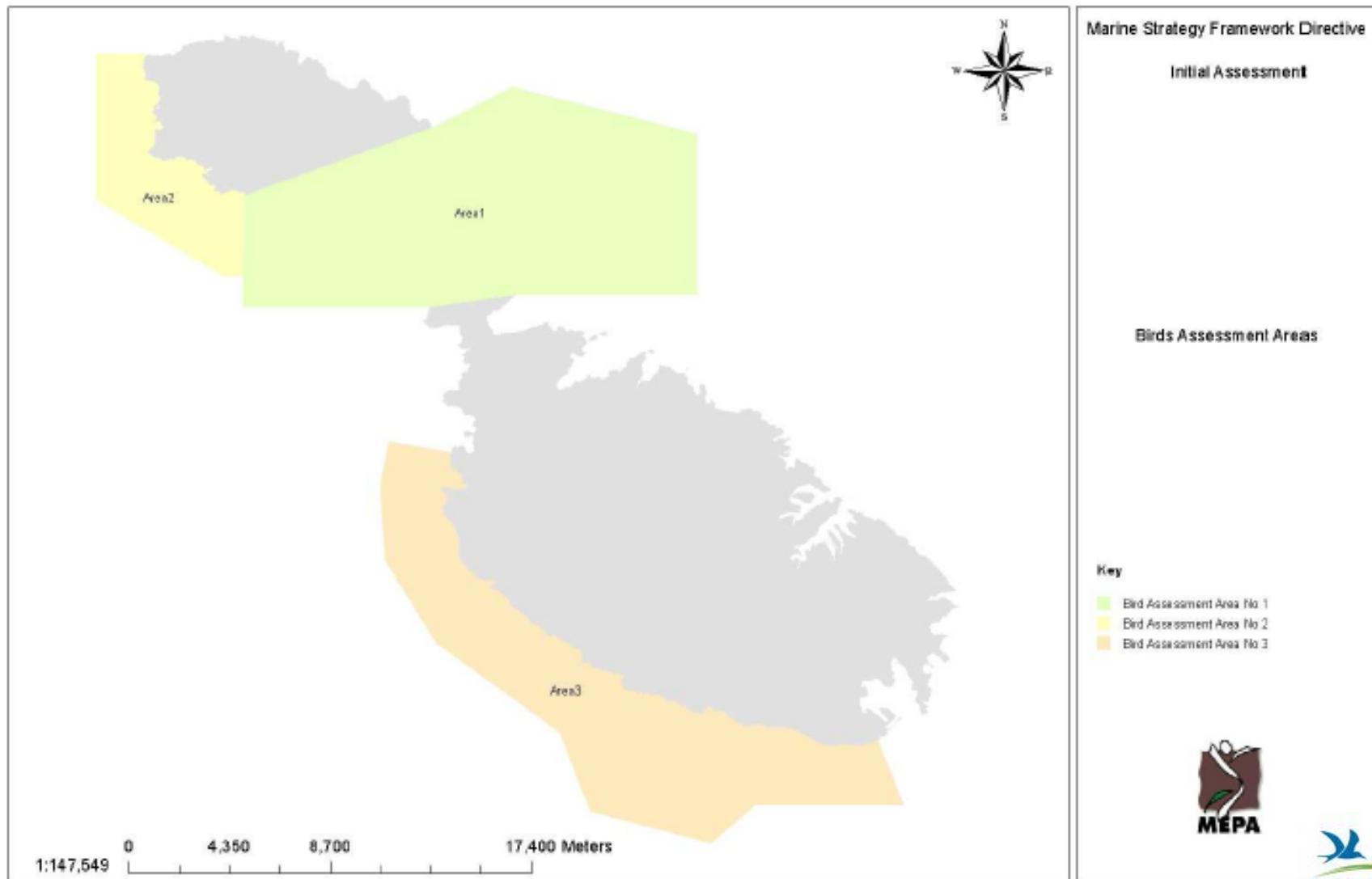
Contact Author: Dr. André F. Raine (mkazumi@yahoo.co.uk)

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MALTA



Heritage Malta

# Assessment Areas identified for the purpose of the Marine Strategy Framework Directive Initial Assessment on Seabirds



1:147,549 0 4,350 8,700 17,400 Meters

# Continuity



LIFE  
**Yelkouan Shearwater**  
PROJECT



2006-2010



2012-2015



2016-2020



Heritage Malta



# Thank you

