
Welcome
to CIBIO!
FCT Fundação para a Ciência e a Tecnologia

InBIO RESEARCH NETWORK

Biodiversity and Evolutionary Biology

CIBIO

Centro Ecologia Aplicada "Prof. Baeta Neves"

U.PORTO

U LISBOA

UNIVERSIDADE DE EVORA

UNIVERSIDADE DOS AÇORES

Mission Statement

Brief history

Advance scientific knowledge
in the field of biodiversity and evolutionary biology

Improve and Integrate
taxonomic and biogeographic knowledge at different scales

Use Scientific Data
from wild and domestic breeds to improve species management

Apply scientific knowledge
to propose conservation priorities and management tools

Provide top level MSc & PhD programs
in evolutionary and conservation biology

Foster public awareness,
understanding and appreciation of biodiversity

Brief history

Milestones

InBIO

2003	2006	2009	2011
concept	presentation	reformulation	Associated Lab status

CIBIO

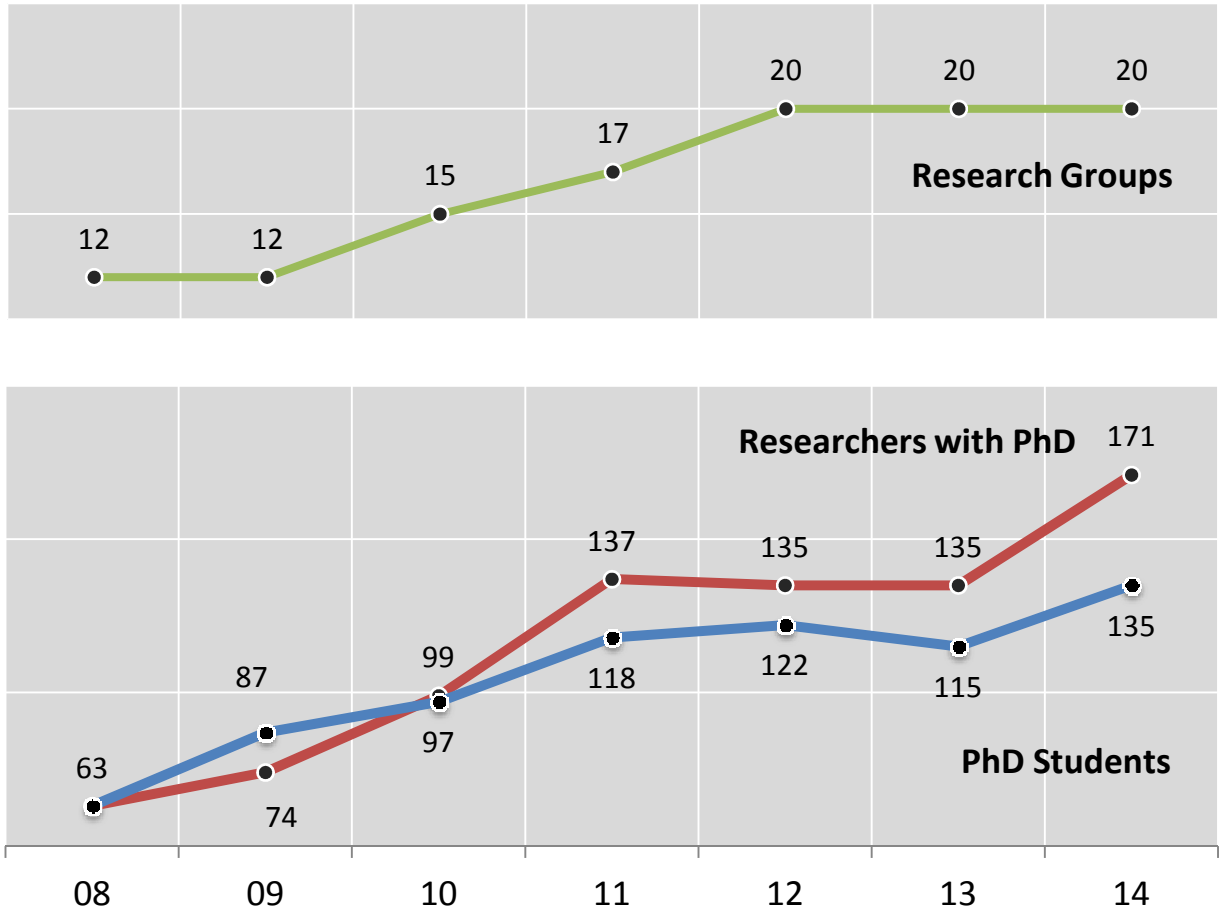
2002	Very Good	Excellent
foundation		

Centro Ecologia Aplicada "Prof. Baeta Neves"

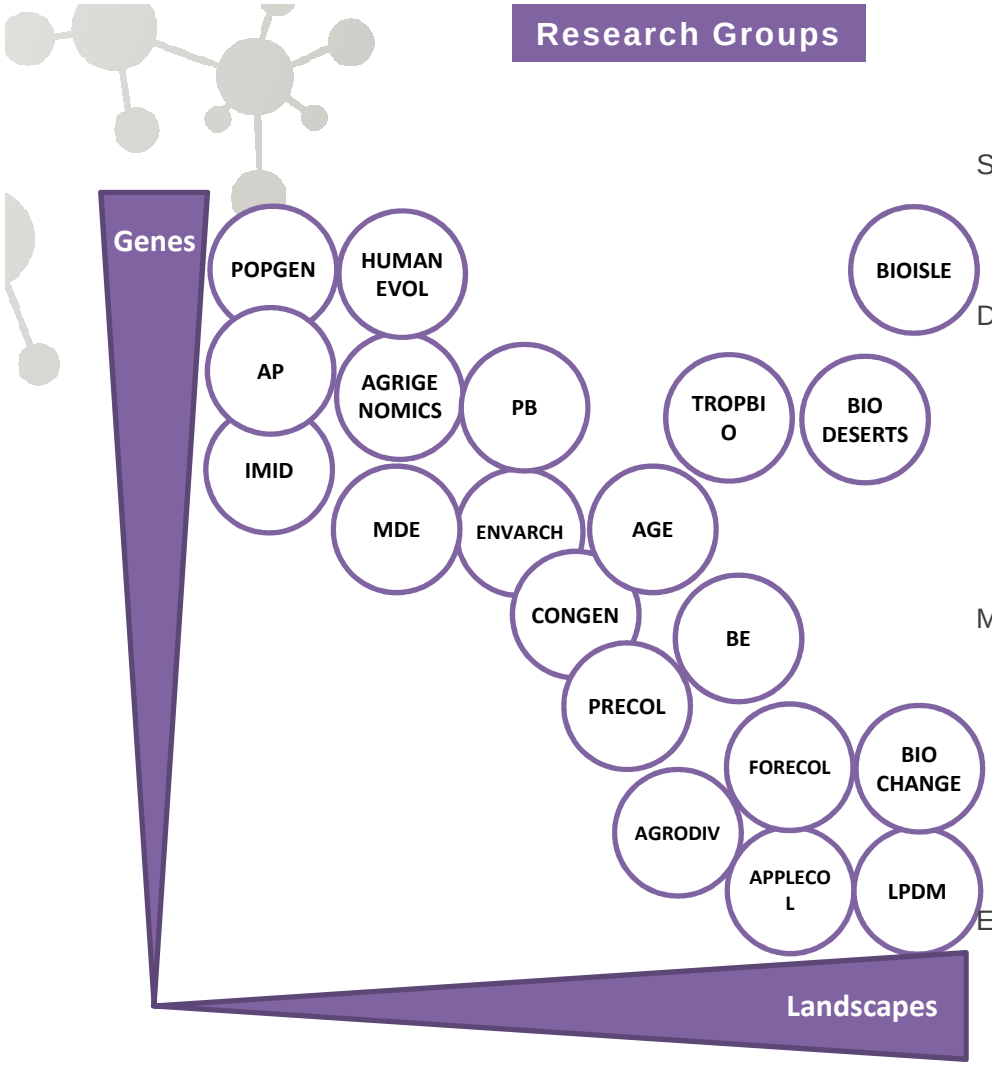
1995	Good	Very Good	Very Good
foundation	FCT Evaluation 1999	FCT Evaluation 2003	FCT Evaluation 2008

Brief history

Human Indicators



Research Groups



AP Applied Phylogenetics

POPGEN Population Genetics, Hybridization and Speciation

AGRIGENOMICS Livestock Genomics and Conservation

IMID Immunogenetics, Microbes and Infectious Diseases

HUMANEVOL Human Evolutionary Genetics

MDI Microbial Diversity and Evolution

PB Plant Biology

ENVARCH Environmental Archaeology

CONGEN Conservation Genetics and Wildlife Management

BE Behavioural Ecology

AGE Ecology and Evolution of Aquatic Organisms

TROPBIO Tropical Biology

BIODESERTS Biodiversity of Deserts and Arid Regions

AGRODIV Biodiversity of Agricultural and Forest Ecosystems

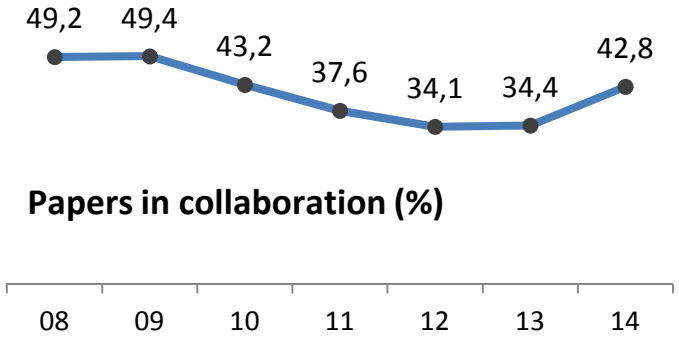
BIOISLE Biodiversity and Islands

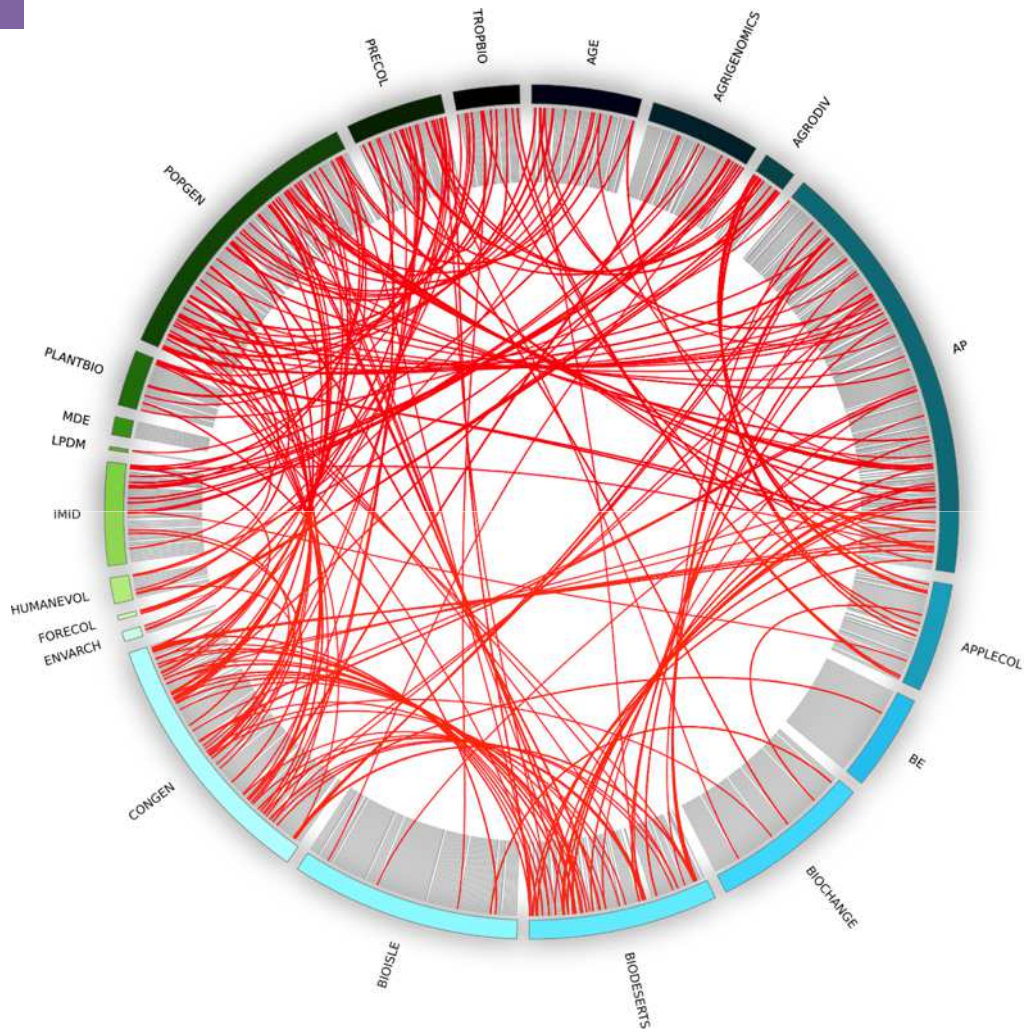
APPLECOL Applied Population & Community Ecology

PRECOL Predictive Ecology

Research Groups

Group Collaboration

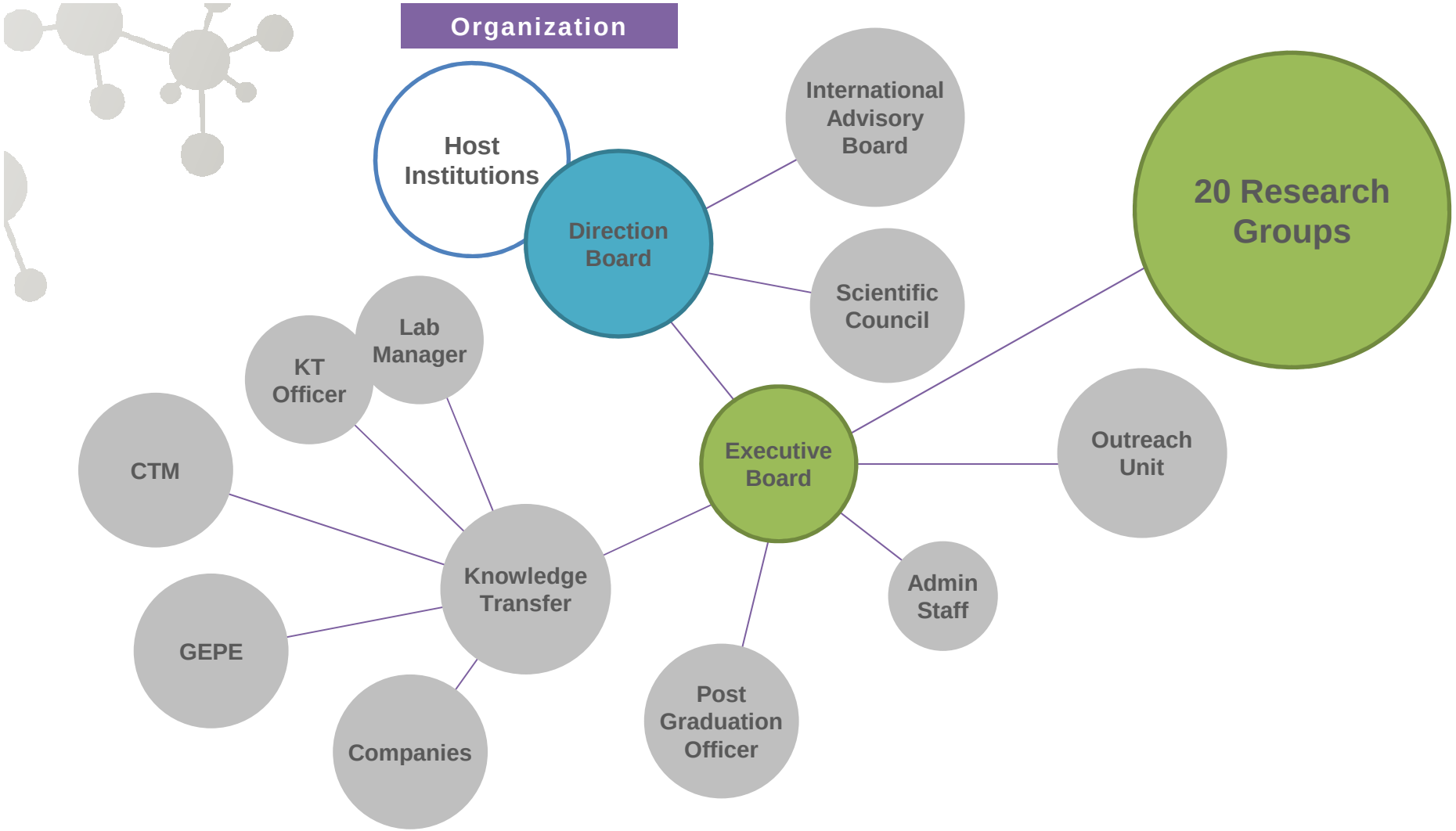




Research Groups

International Collaborations

Organization



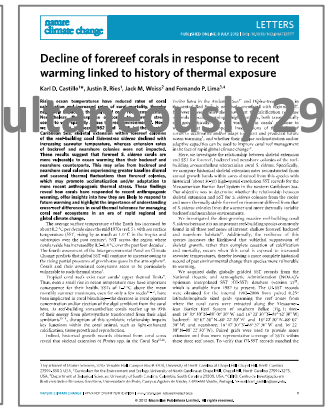
Impact of Research

Articles
Highlights

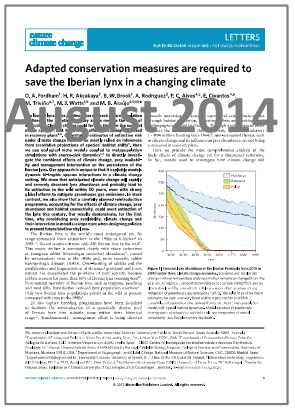
Released simultaneously 29 August 2014


Recurrent Introgression of Mitochondrial DNA Among Hares (Lepus spp.) Revealed by Species-Tree Inference and Coalescent Simulations

Molecular Biology and Evolution


Decline of forereef corals in response to recent warming linked to history of thermal exposure

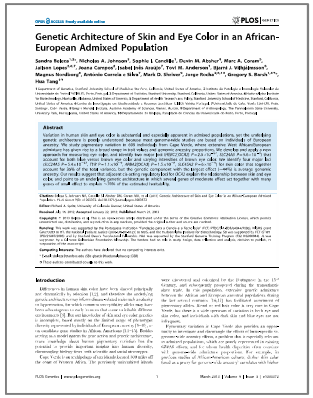
nature climate change

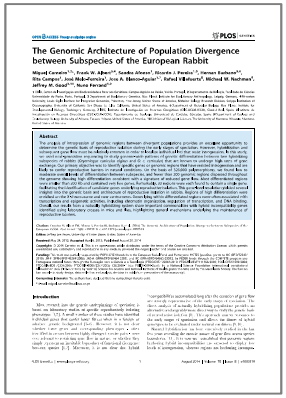

Adapted conservation measures are required to save the Iberian lynx in a changing climate

nature climate change


Rabbit genome analysis reveals a polygenic basis for phenotypic change during domestication

Science


Genetic Architecture of Skin and Eye Color in an African-European Admixed Population


The Genomic Architecture of Population Divergence between Subspecies of the European Rabbit

PLOS GENETICS


Nesting and acoustic ecology, but not phylogeny, influence passerine urban tolerance

Global Change Biology


Three decades of high-resolution coastal sea surface temperatures reveal more than warming

nature COMMUNICATIONS


Evidence for Widespread Positive and Purifying Selection Across the European Rabbit (*Oryctolagus cuniculus*) Genome

Research article · Article · Fast Track

Science


The Timing of Pigmentation Lightening in Europeans

Molecular Biology and Evolution

PLOS GENETICS

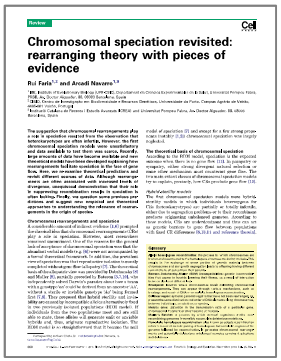
Global Change Biology

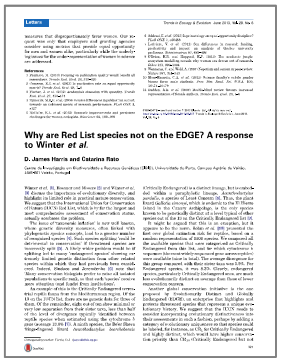
nature COMMUNICATIONS

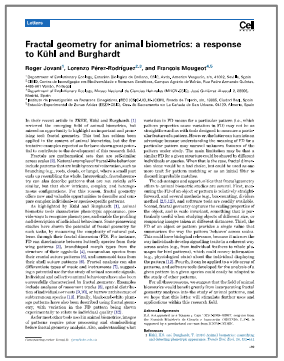
Systematic Biology

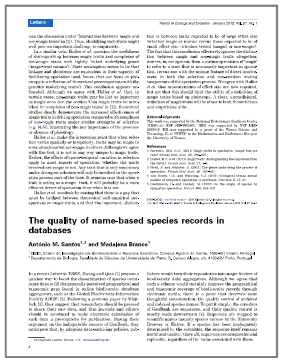
Impact of Research

Articles
Reviews
& Replies


Review
Cell
Chromosomal speciation revisited: rearranging theory with pieces of evidence
Rui Faria[1,2] and Arnold Navarro[1,3]


Letters
Why are Red List species not on the EDGE? A response to Winter et al.
D. James Harris and Catarina Rato

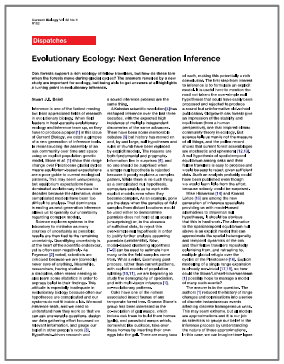

Letters
Cell
Fractal geometry for animal biometrics: a response to Kühl and Burghardt
Roger Jovani[1], Lorenzo Pérez-Rodríguez[2,3], and François Mougeot[4,5]


Letters
The quality of name-based species records in databases
António M. Santos[1,2] and Madalena Branco[1]

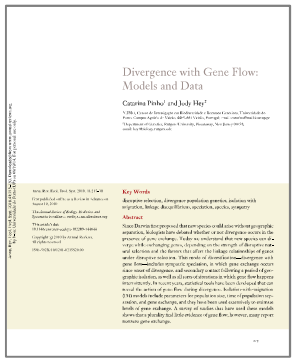

MOLECULAR ECOLOGY
NEWS AND VIEWS
Advances in Ecological Speciation: an integrative approach


NEWS AND VIEWS
PERSPECTIVE
Pool and conquer: new tricks for fjeld problems


Earth-Science Reviews
Coastal evolution on volcanic oceanic islands: A complex interplay between volcanism, erosion, sedimentation, sea-level change and biogenic production


Dispatches
Evolutionary Ecology: Next Generation Inference


BIOLOGICAL REVIEWS
Cambridge Philosophical Society
Unravelling biodiversity, evolution and threats to conservation in the Sahara-Sahel


Divergence with Gene Flow: Models and Data
Catarina Pinho and Jody Hey

MOLECULAR ECOLOGY

Trends in Ecology & Evolution

EARTH-SCIENCE REVIEWS

Current Biology

BIOLOGICAL REVIEWS

ANNUAL REVIEW OF ECOLOGY, EVOLUTION, AND SYSTEMATICS

Impact of Research

Books Conservation

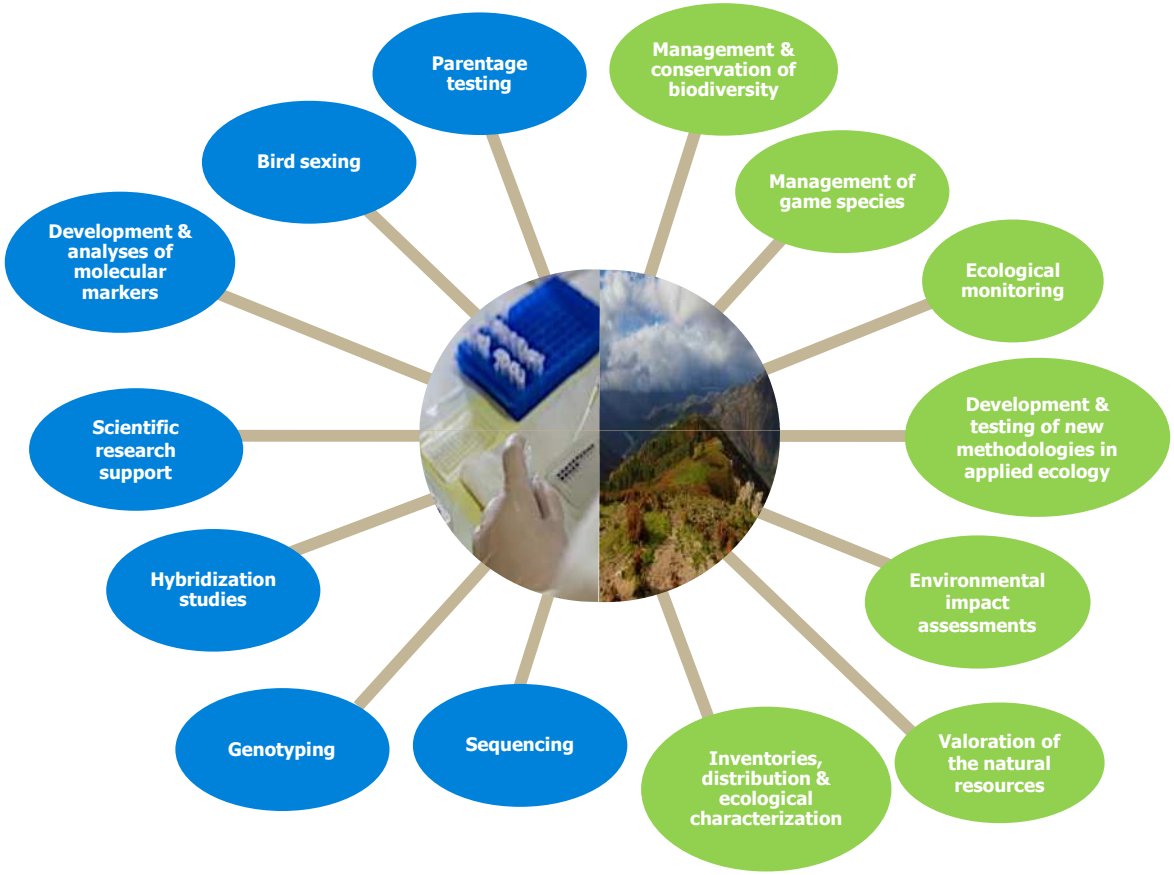
Impact of Research

Transfer Technology

variety of services to the community, through contracts with enterprises and other public and private entities

CTM
provides Molecular & Genetic Expertise & Services

GEPE
provides Ecological Expertise & Services



Outreach

Hall of Biodiversity

U.PORTO MUSEUS
MUSEU DE HISTÓRIA NATURAL DA UNIVERSIDADE DO PORTO

4 M€ grant (2012-14)

May 2015	**Symbolic opening**
Feb 2016	**Museum Centenary**
	Inauguration Hall of Biodiversity
Jun 2017	**ECSITE Conference**

ecsite

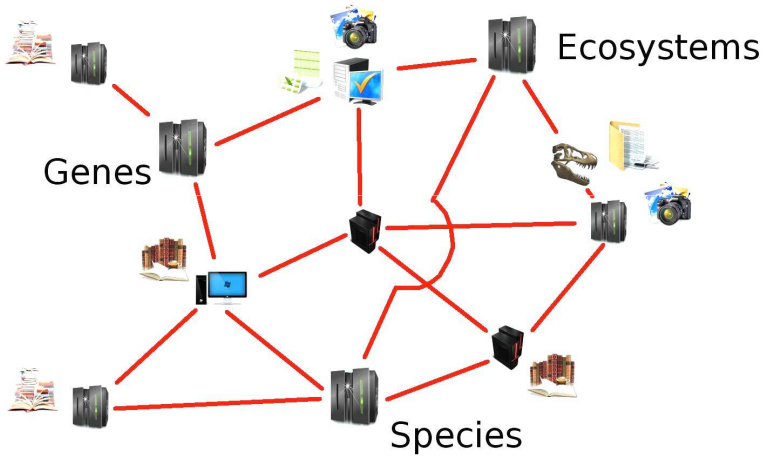
Strategic Programme

Infrastructures

PORBIOTA 8.9 M€ (2.5 InBIO)

e-Infrastructure for Information, Research and Services on Portuguese Biodiversity, Ecosystems and Biological Resources

LifeWatch



CIBIO New-Gen

Next Generation Sequencing platform

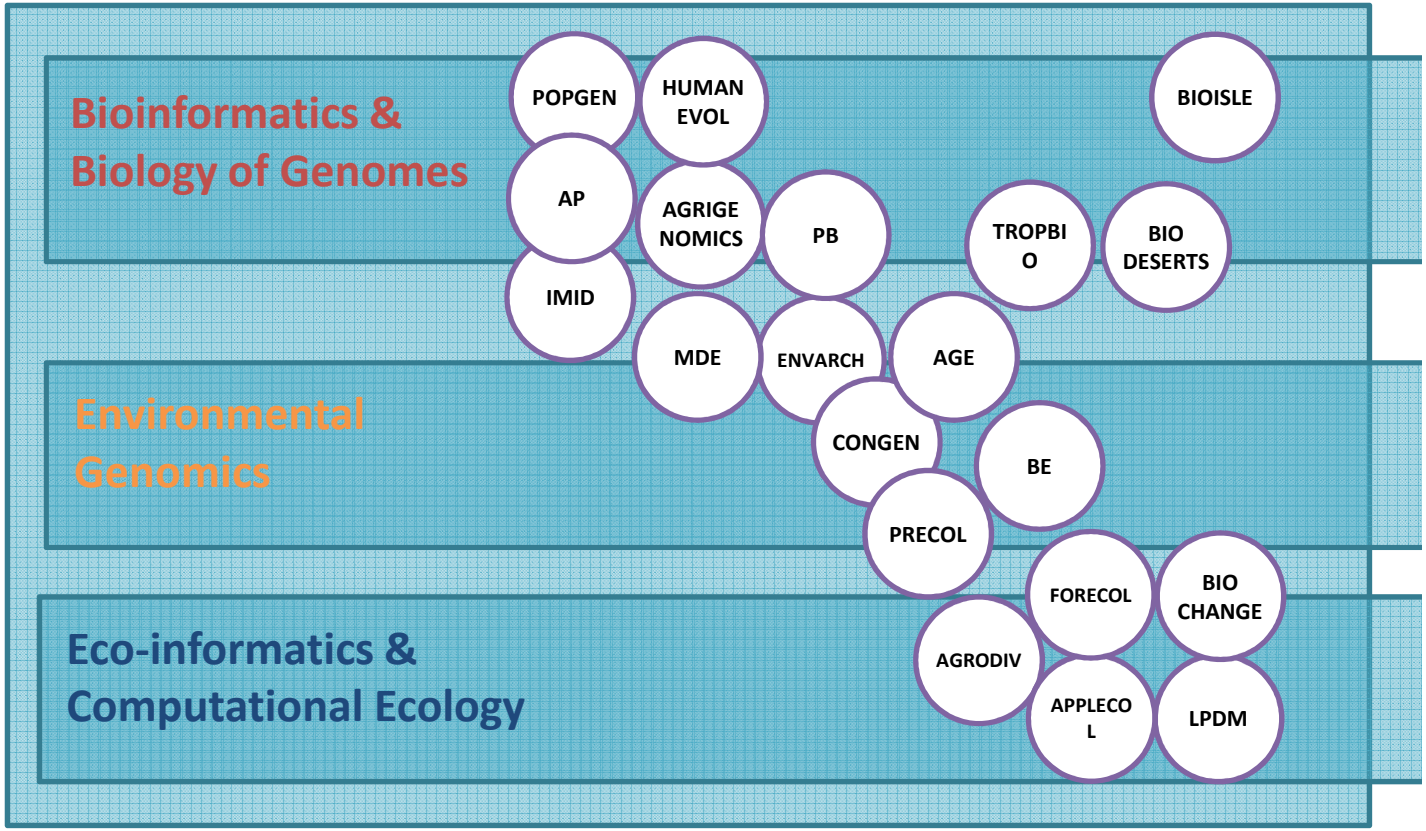
3.6 M€

GenomePortugal

Next Generation Sequencing 9 M€ (1.1 InBIO)

Transversal Positions

Strategic Programme



Strategic Programme

Internationalization

Twin Labs

Morocco

Cape Verde

Brasil

São Tomé and Principe

CIBIO CEBEA winLab

ISCED-Huíla

ANGOLA

Strategic Programme

Advanced Training Doctoral Programs

BIOdiv

In 2013

12 PhD scholarships

- 235 applications
- 40% foreign applicants
- 30 countries

In the next 4 years:

- 36 PhD scholarships (FCT)
- 16 PhD scholarships for Angolan citizens

SusFOR

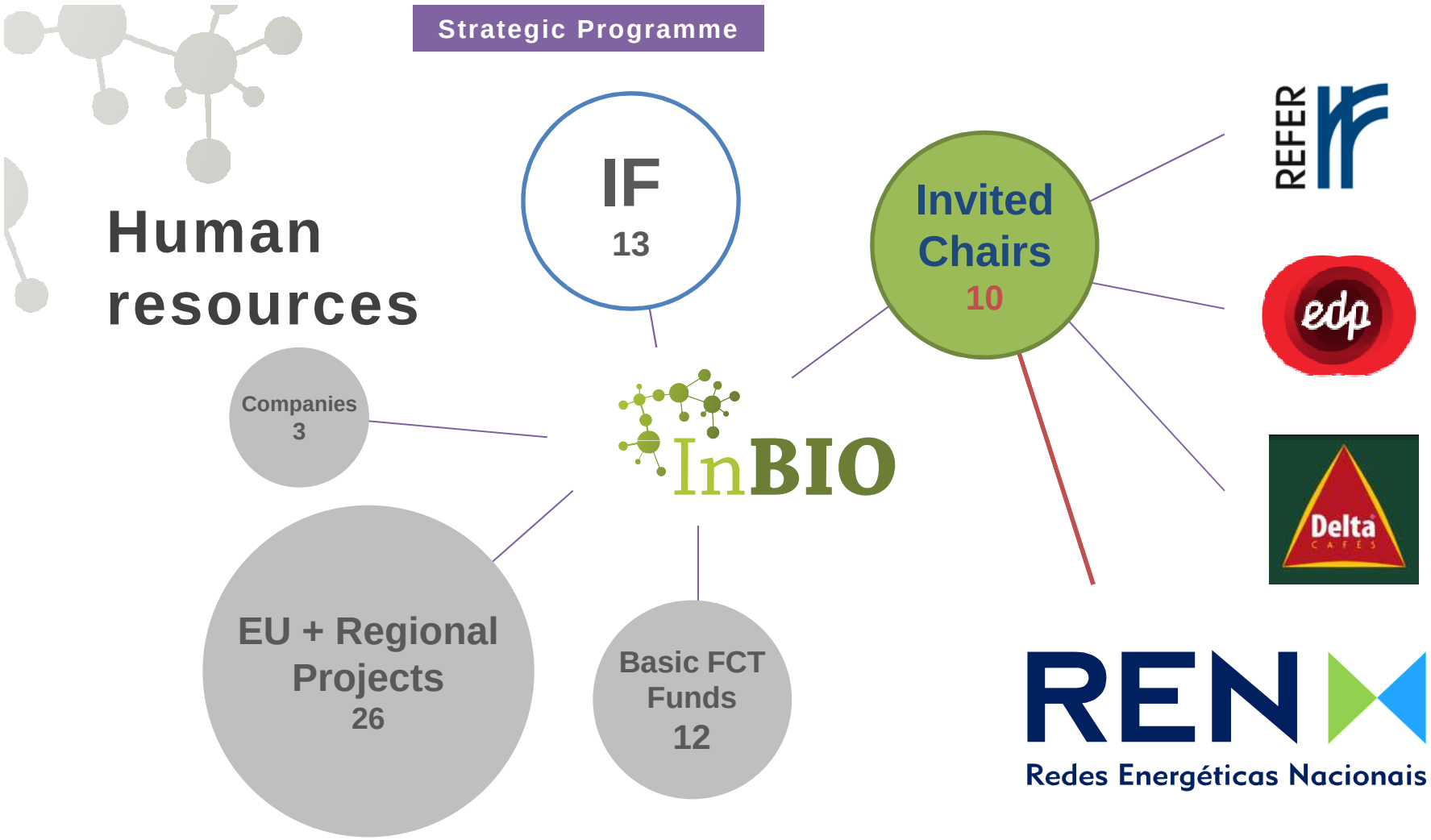
In 2013

8 PhD scholarships

- 52 applications
- 2 foreign grantees

In 2014

- 8PhD scholarships
- 36 applications
- 2 foreign grantees


Strategic Programme
Human resources
IF
13
Invited Chairs
10
Companies
3
InBIO
EU + Regional Projects
26
Basic FCT Funds
12
REFER
edp
Delta
REN
Redes Energéticas Nacionais

EDP Biodiversity Chair

New research group

Developing applied population and community ecology

Invited Prof. Pedro Beja, at University of Porto (Portugal)

DELTA Biodiversity Chair

Invited Prof. Miguel Araújo, at University of Évora (Portugal)

15 postdoctoral fellows, 2 doctoral students and 8 technicians

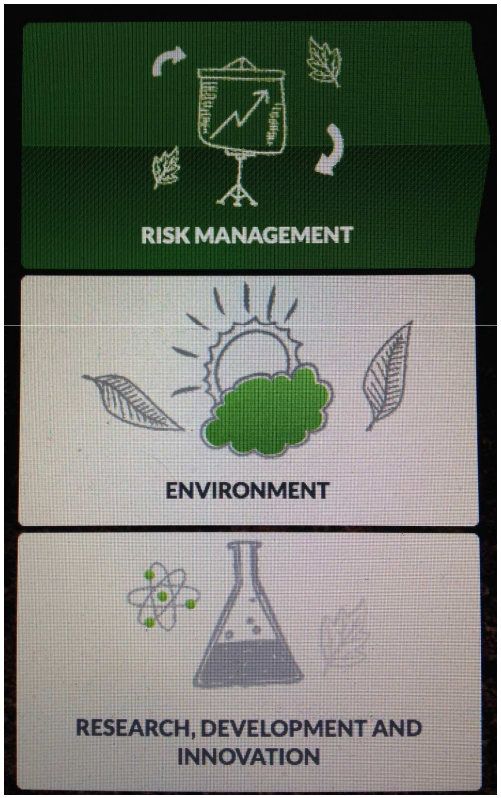
u évora
UNIVERSIDADE DE ÉVORA

REFER Biodiversity Chair

CÁTEDRA BIODIVERSIDADE REFER

Invited Prof. David Vieites at MNCN – CSIC (Spain)

REN Biodiversity Chair



REN
Redes Energéticas Nacionais

To be announced (early 2015)