

# BUILDING BRIDGES BETWEEN SCIENCE AND MANAGEMENT IN URDAIBAI BIOSPHERE RESERVE

An aerial photograph of the Urdaibai Biosphere Reserve. The image shows a wide, winding river with sandy banks and small islands. The surrounding landscape is a mix of green fields, forests, and small villages. The word "Urdaibai" is overlaid in large white letters on the left side of the image. There are decorative pixelated borders in shades of green and blue at the top and bottom of the image.

# Urdaibai

22.000 Ha

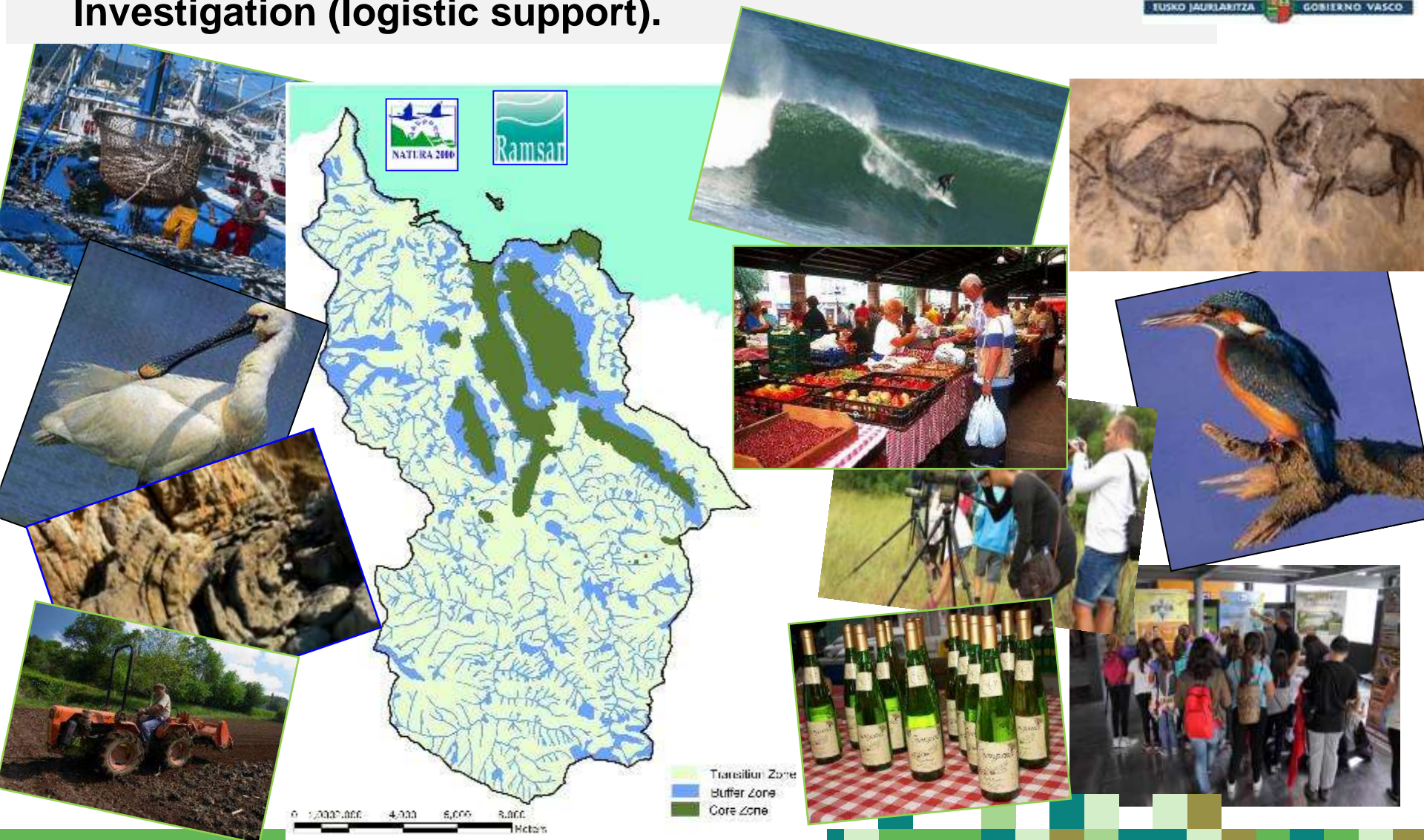
**URDAIBAI**

45.000 inhab





- ❑ Nature & Culture conservation.
- ❑ Economic and social sustainable development.
- ❑ Interpretation, Training, Education for Sustainability and Investigation (logistic support).



# BACKGROUND

## ☐ The MAB Strategy 2015-2025.

- ☐ The MAB Programme with its WNBR constitutes a partner and instrument for research on the ground, to build knowledge on practice based sustainable development and share it globally .

## ☐ Strategic Line of action of MAB's Strategic Objectives for 2015-2025.

- ☐ A.3 states that biosphere reserves and national MAB Committees should have partnerships with universities and research institutes, to undertake applied research and provide practical learning and training opportunities.
- ☐ B.4 Networks foster collaboration in research, implementation and monitoring, including through exchanges between biosphere reserves.

## ☐ Expected results from MAB's Strategic Objectives for 2015-2025.

- ☐ (1.5) to implement the role of the MAB Programme in research towards models and solutions of sustainable development, including their global diffusion.
- ☐ (3.1) MAB and its WNBR are fully engaged with international, regional, national and subnational research initiatives and programmes that contribute to the post-2015 development agenda and the SDGs.
- ☐ (3.3) Each biosphere reserve has an active research programme, based on the principles of sustainability science, which provides the basis of participatory decision-making and management in the biosphere reserve.

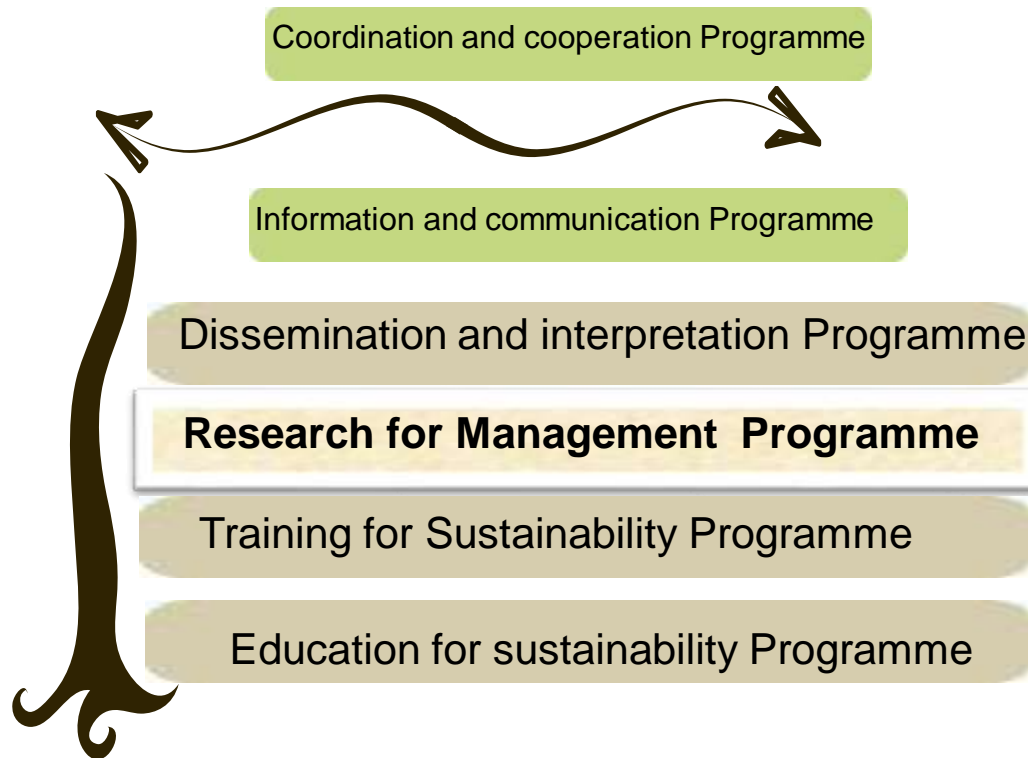


# ***BUILDING BRIDGES BETWEEN SCIENCE AND MANAGEMENT IN URDAIBAI BIOSPHERE RESERVE***





# Interpretation, Research, Training and Education for Sustainability Plan 2015-2025



## Case study: Urdaibai Biosphere Reserve

- ❑ It is necessary to agree the lines of scientific research with the stakeholders present in the Biosphere Reserve. Objectives: 6.2. and 6.4 of the **Interpretation, Research, Training and Education for Sustainability Plan 2015-2025**.
- ❑ It is presented a methodological process for collecting the scientific knowledge needs of the managers in order to agree the future research lines.
- ❑ These research lines should contribute to the social, economic or environmental development of the biosphere reserve.



# GENERAL PLANNING

|                        | PROCESSES & METODOLOGIES                              |  |
|------------------------|---|--|
| TO DO WITH MANAGERS    | STAKEHOLDER IDENTIFICATION                            | SOCIOGRAM  |
|                        | IDENTIFICATION OF RESEARCH NEEDS                      | IN-DEPTH INTERVIEWS<br>DISCUSSION GROUPS<br>SURVEYS ON-LINE<br>TELEMATIC TOOLS |
|                        |   | <b>RESEARCH NEEDS REPORT</b>   |
| TO DO WITH RESEARCHERS | ELABORATION AND PRIORITIZATION OF MAIN RESEARCH LINES | CONGRESS<br>THEMATIC WORKSHOPS (SDG)   |
|                        | CONTRAST AND MAIN RESEARCH LINE ESTABLISHMENT         | <b>CONGRESS CONCLUSIONS REPORT</b><br><br>EXPERT CREW<br>DELPHI METHOD         |
| FINAL REPORT           |   | <b>MAIN RESEARCH LINES REPORT</b>  |





# TO DO WITH MANAGERS

## A.1. What needs do we have?

- ☐ Identification of stakeholders.
  - ☐ Members of the governing board and cooperation board of Urdaibai Biosphere Reserve, NGOs, 22 Councils, Council of Biscay, Basque and Spanish governments, Universities and Research Centers.
- ☐ Elaboration of a sociogram.
- ☐ Selection of consultation tools.
  - IN-DEPTH INTERVIEWS (15-20)
  - DISCUSSION GROUPS (4-6)
  - SURVEYS ON-LINE (2)
  - TELEMATIC TOOLS

## A.2. Field work.

- ☐ Design of consultation tools based on the SDG.
- ☐ Implementation of consultation process.

## A.3 Analysis of the obtained information and report.

- ☐ About the participation process.
- ☐ Summary of needs of knowledge aligned with the SDG.
- ☐ Executive summary.
- ☐ Return of results to the stakeholders.

# TO DO WITH RESEARCHERS

| CONGRESS   |   |
|------------|---|
| WHEN       | 14-17 NOVEMBER  |
| WHERE      | Madariaga TOWER,<br><a href="http://www.ekoetxea.eus">http://www.ekoetxea.eus</a><br>BUSTURIA, URDAIBAI, BASQUE COUNTRY |
| AIMS       | BUILDING BRIDGES BETWEEN SCIENCE AND<br>MANAGEMENT IN URDAIBAI BIOSPHERE RESERVE  |
| ACTIVITIES | <ul style="list-style-type: none"><li>➤ TALKS</li><li>➤ THEMATIC WORKSHOPS.</li><li>➤ STANDS</li></ul>                  |

[http://www.euskadi.eus/contenidos/evento/ciencia\\_urdaibai/es\\_def/adjuntos/1.%20ZIRKULARRA\\_CAS\\_3.pdf](http://www.euskadi.eus/contenidos/evento/ciencia_urdaibai/es_def/adjuntos/1.%20ZIRKULARRA_CAS_3.pdf)



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Eskerrik asko!  
Thank you very much!



[www.euskadi.net/urdaibai](http://www.euskadi.net/urdaibai)  
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Science diplomacy (Glossary of MAB Strategy 2015-2025)

*Science diplomacy implies scientific collaboration among states to find solutions to common problems, and the promotion of international academic, technical or research partnerships and exchanges. Science diplomacy can thus contribute to peace and security through enhanced international relations and understanding.*