The AQUACROSS Information Platform:
Managing the data for the development of AQUACROSS Case Studies

Outline

1. How AQUACROSS data has been managed?

2. Which technology is behind the AQUACROSS IP?

3. How the data has been collected, published, manipulated, interrogated and visualized?

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≈ Survey to understand the practices of the partners, case study leaders and stakeholders;

≈ Data types and storage;

≈ Data organization, documentation and metadata;

≈ Data access and intellectual property;

≈ Data sharing and reuse;

≈ Data preservation and archiving;

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D6.1 AQUACROSS data management plan

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 642317.

WHY DO WE NEED
A GIS GUIDELINE?

The GIS guideline
provide guidance for
all the AQUACROSS
project partners:

How to prepare/process the spatial data
following a common set of standarts
formats?

How to produce spatial data suitable for
web-dissemination?

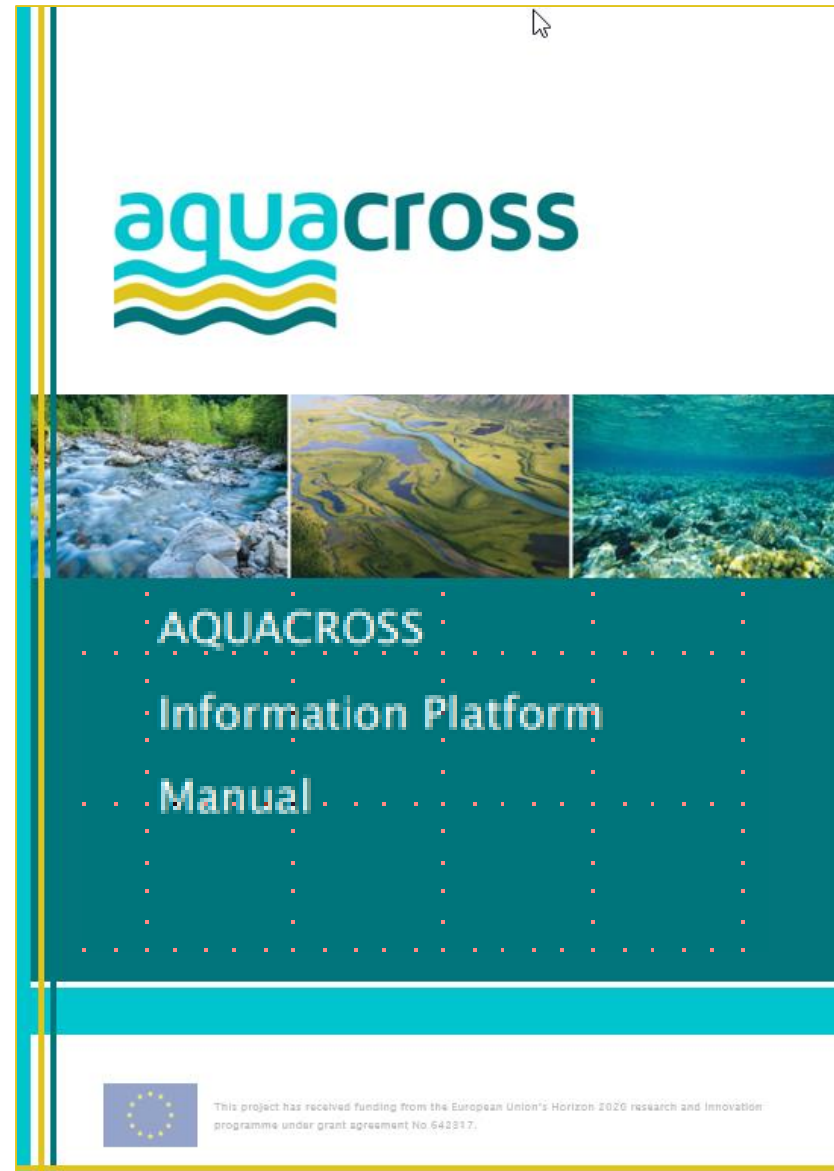How to produce maps for dissemination
and reporting?

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**AQUACROSS Geographic
Information Systems (GIS)
Guidelines**

Version 1.1

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1. How AQUACROSS data has been managed?

- How to use the AQUACROSS Information Platform (IP)

- Terminology used;

- Registration and user management: roles of the users i.e. administrator, editor and user;

- Adding datasets – quality control protocol; metadata, template;

- Finding datasets;

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AQUACROSS

Information Platform

Manual

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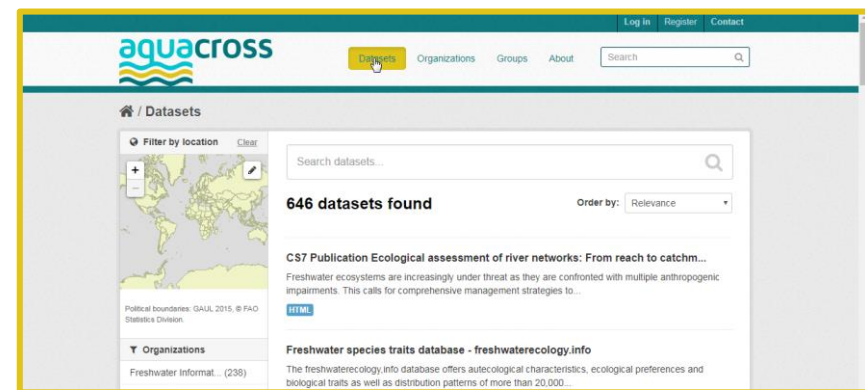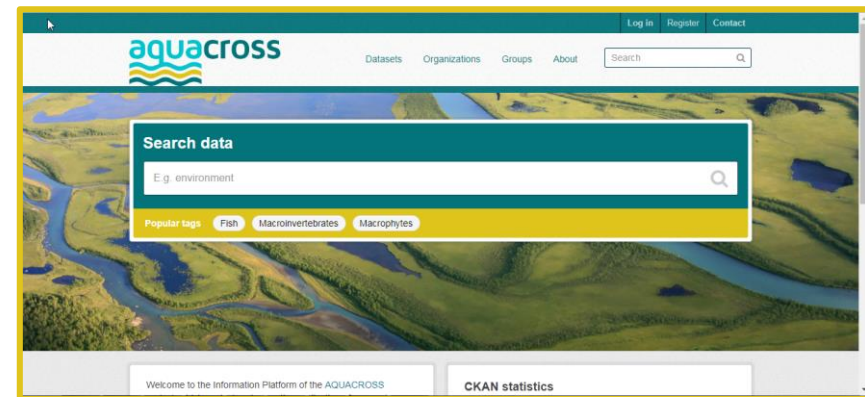3. How the data has been collected, published, manipulated, interrogate and visualized?

2. Which technology is behind the IP?

- The AQUACROSS IP architecture is based on CKAN framework;

- Interoperability with other information platforms led by the European Commission, EU Agencies and the Joint Research Centre;

- Spatial Data Infrastructure in the context of INSPIRE under implementation within the AQUACROSS IP architecture
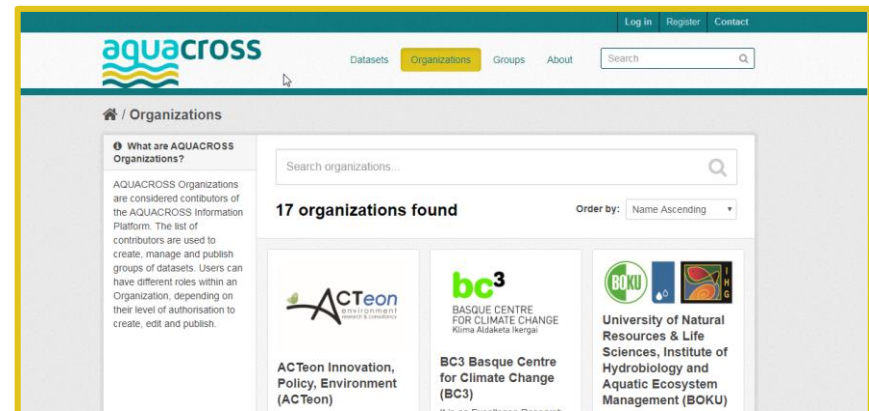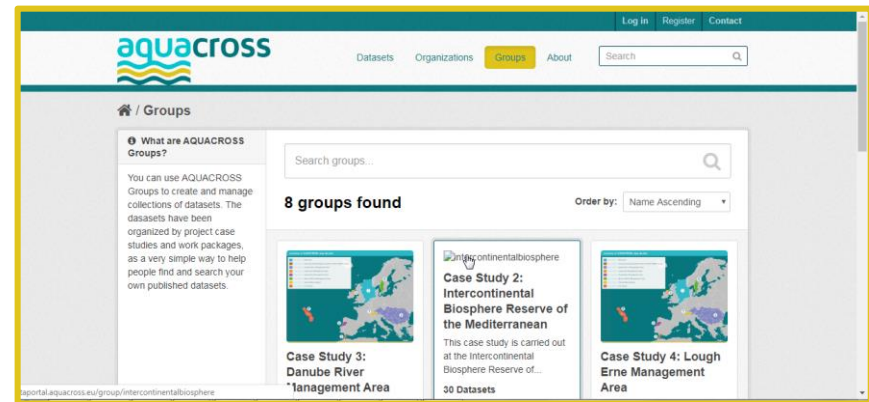
2.1 AQUACROSS IP - http://dataportal.aquacross.eu/

- ≈ Objective… to provide a single point of access to both
  - the internally produced and external data required by

  - project partners, scientists and general public

- ≈ AQUACROSS Information is organized by:
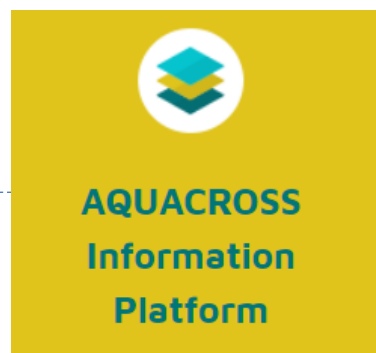 - Case studies;

  - Organizations;

Outline

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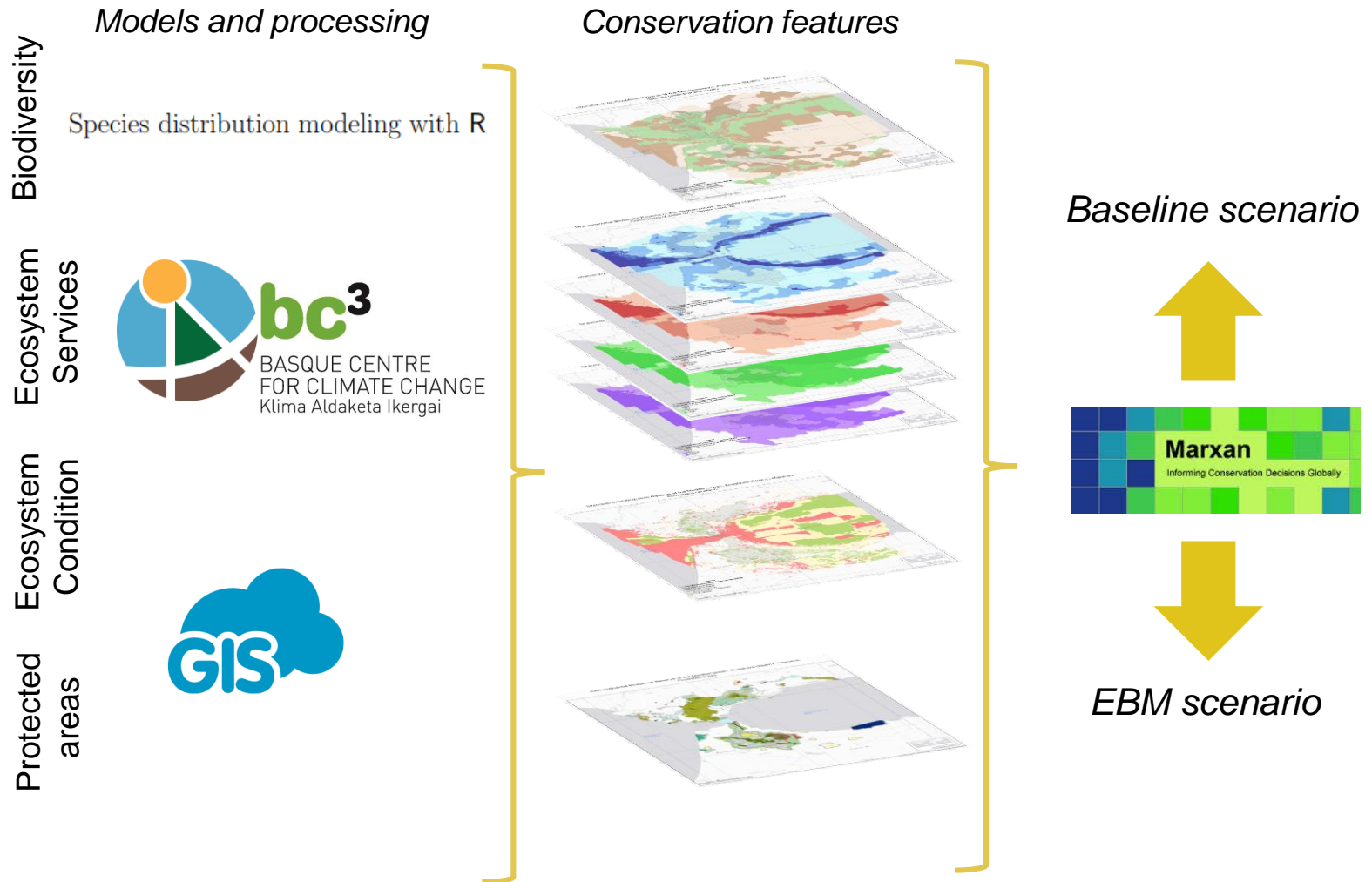3. How the data has been collected, published, manipulated, interrogated and visualized?

www.aquacross.eu/

Activities- Pressures - Ecosystems - Biodiversity

Scenario modelling input

Models and processing

Conservation features

Biodiversity

Species distribution modeling with R

Ecosystem Services

bc³
BASQUE CENTRE
FOR CLIMATE CHANGE
Klima Aldaketa Ikergai

Ecosystem Condition

Protected areas

GIS

Baseline scenario

Marxan
Informing Conservation Decisions Globally

EBM scenario

AQUACROSS
Information
Platform

Publication of the case study results

Case study description
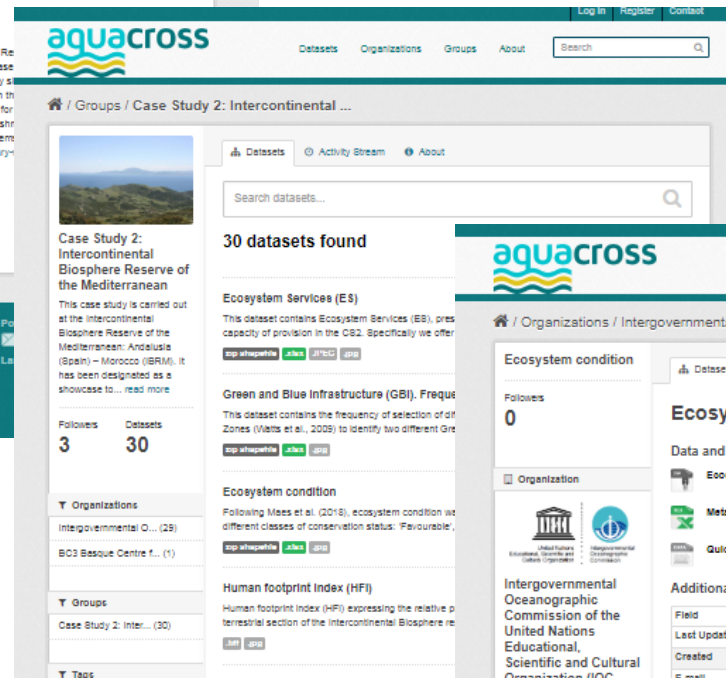
Case study results
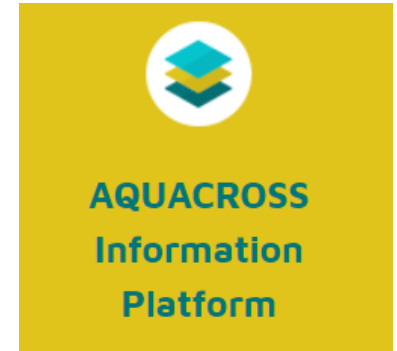
Case study data & metadata

10/22/2018

Publication of the case study results

Visit the Case study storytelling tool
ibrm.aquacross.eu
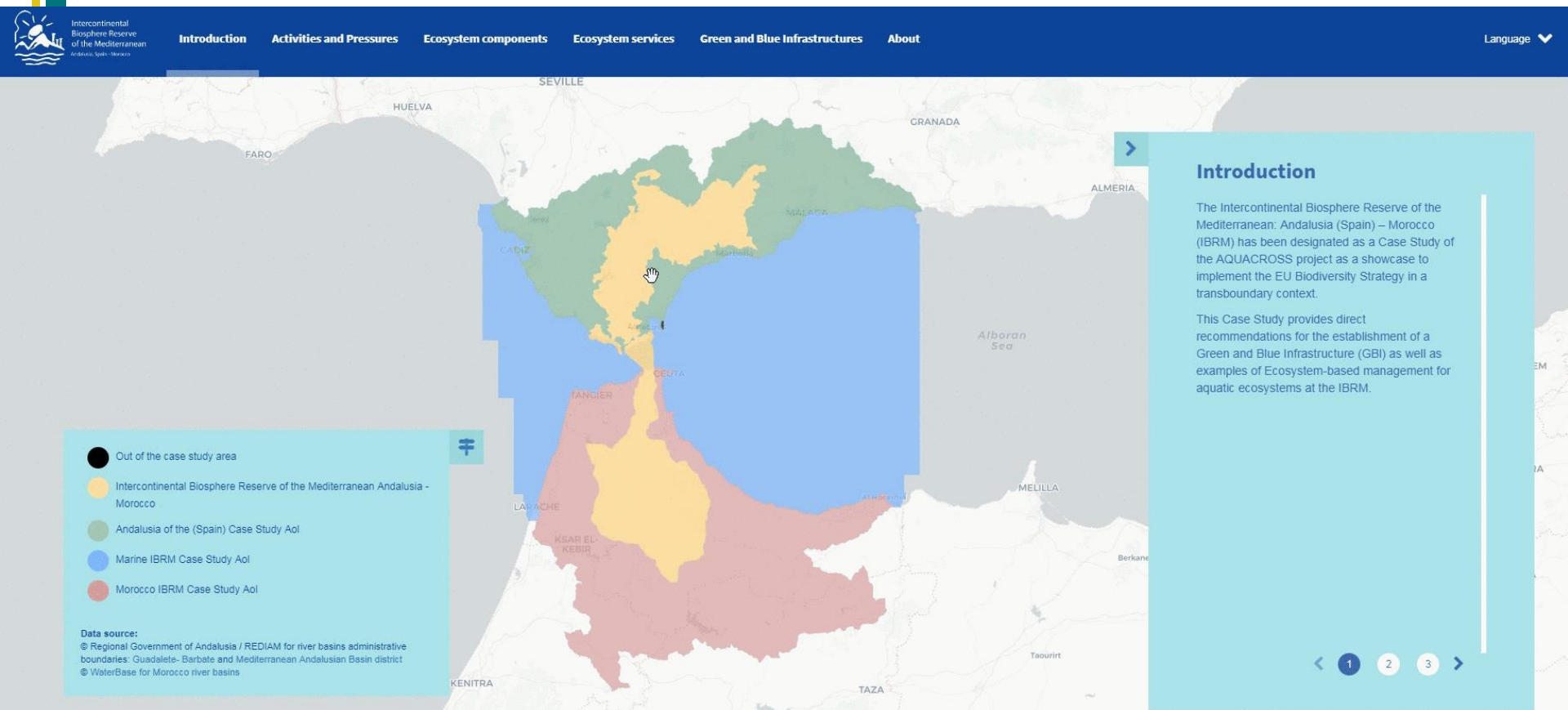
10/22/2018

Storytelling tool

ibrm.aquacross.eu

Event:
Author:

Thank you
Muchas gracias
شكرا

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Intergovernmental Oceanographic Commission of UNESCO

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