



# atlas

UNDERSTANDING DEEP ATLANTIC ECOSYSTEMS



## WP 6 Update

ATLAS Annual Meeting, Majorca 2017

Dr. Anthony Grehan, NUI Galway

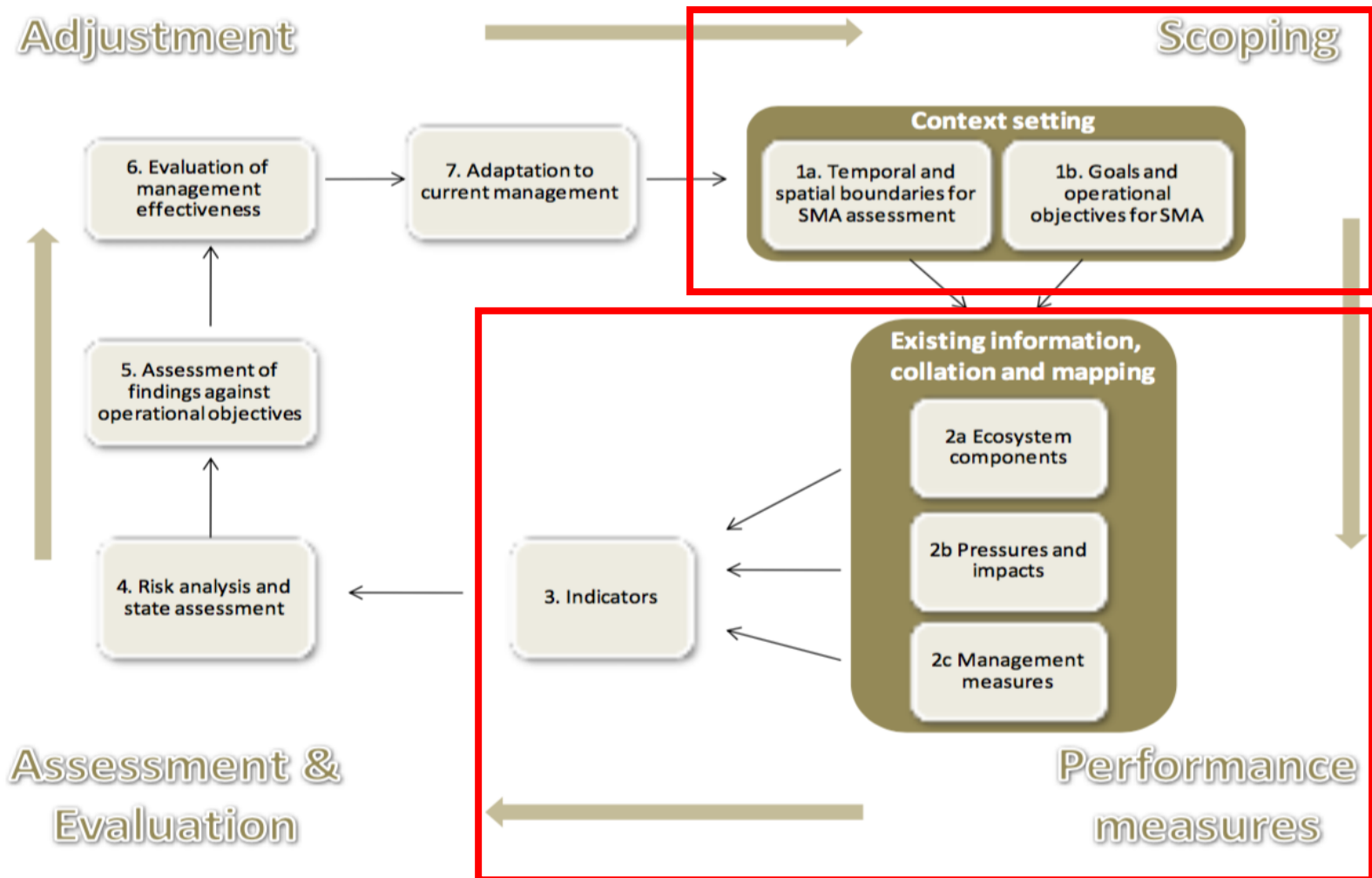




## WP 6

- Atlas case studies will be used to identify areas that might require marine spatial plans in the deep-sea
- The FP7 MESMA (Monitoring and Evaluation of Spatially Managed Areas) framework will be applied to develop theoretical maritime plans for each area.

# MESMA framework



Stelzenmüller, V, et al. (2013) **Monitoring and evaluation of spatially managed areas: A generic framework for implementation of ecosystem based marine management and its application.** *Marine Policy* 37:[149-164](#)



## WP 6 Breakout Sessions

### Wednesday

#### WP3/6: DEVOTES NEAT (Nested Environmental status Assessment Tool) Demo

Lead: Anthony Grehan

Goal: Apply NEAT in one or two European case studies/work with ATLAS data and/or train in NEAT software use.

Attendees: WP3/5/6 all case study leaders.

Nb. Complete the Columbus Questionnaire – return to Claudia Junge



## WP 6 Goal

- The spatially managed areas in each case study will be used to test ‘new’ Blue Growth scenarios to:
  - increase the efficiency of the EIA process for industry, e.g. data sharing
  - ‘virtually’ assess the impact of ‘new’ BG activity on:
    - existing activities
    - on the environment
      - contribution to cumulative impacts



## **WP 6 Task Summary**

**Task 6.1 Set MSP goals and operational objectives**

**Task 6.2 Map VMEs, fish habitat and ecosystem goods and services**

**Task 6.3 Carry out Strategic Environmental Assessments**

**Task 6.4 Test new Blue Growth scenarios, develop cost efficient environmental assessment and identify appropriate adaptive management measures**



## WP 6 Deliverables due by mo 24

<b>Number</b>	<b>Deliverable Title and Description</b>	<b>Month</b>
D6.1	Sectoral activities, institutional landscape, existing management plans and MSP goals for each case study area	M12





## WP 6 Breakout Sessions

Thursday 15:15 – 16:15hrs Location: Sala Es Trenc

WP6/5: MESMA Protocol – collating existing information and mapping workshop

Goal: Identify relevant ecosystem components in each managed area; collect spatial information on ecosystem components and map ecosystem components; assess and map ecosystem services; identify pressures and impacts; map pressures and impacts using GIS considering cumulative impacts of pressures.

Attendees: WP3/5/6/8 all case study leaders.





## WP 6 Plenary

**Ronan Long** (NUI Galway/World Maritime University) (via SKYPE)

**MESMA protocol: MSP Legislation**

**Naomi Foley** (NUI Galway)

**MESMA protocol - Mapping and Assessment of Ecosystem Services – MAES**

**Ellen Kenchington** (DFO Canada) - **WP6 Case Study: Davis Strait**

**Francis Neat** (Marine Scotland Science) - **WP6 Case Study: Rockall Bank**

**Juliette Martin** (UNEP - World Conservation Monitoring Centre)

**Developing and testing area-based planning tools in Areas Beyond National Jurisdiction**

# Thank You!



## Project Contact Details:

Coordination: Professor Murray Roberts  
[murray.roberts@ed.ac.uk](mailto:murray.roberts@ed.ac.uk)

Project Management: Dr. Katherine Simpson  
[katherine.simpson@ed.ac.uk](mailto:katherine.simpson@ed.ac.uk)

Communication & Press: Dr. Claudia Junge  
[claudia@aquatt.ie](mailto:claudia@aquatt.ie)

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