Driving the transition to a resilient and inclusive future: the role of the ocean

Introduction and Workshop 1 reflections

Dr Lucy Greenhill, Howell Marine Consulting

Workshop 2: Mobilising science and policy, 15th June 2021

Project Partners

The Role of the Ocean

Programme aims

Within the framework of the UN SDGs, the programme aims to:

Workshop 1

1. Explore **interdependencies** between marine and cross-cutting policy themes, to promote **policy coherence.**
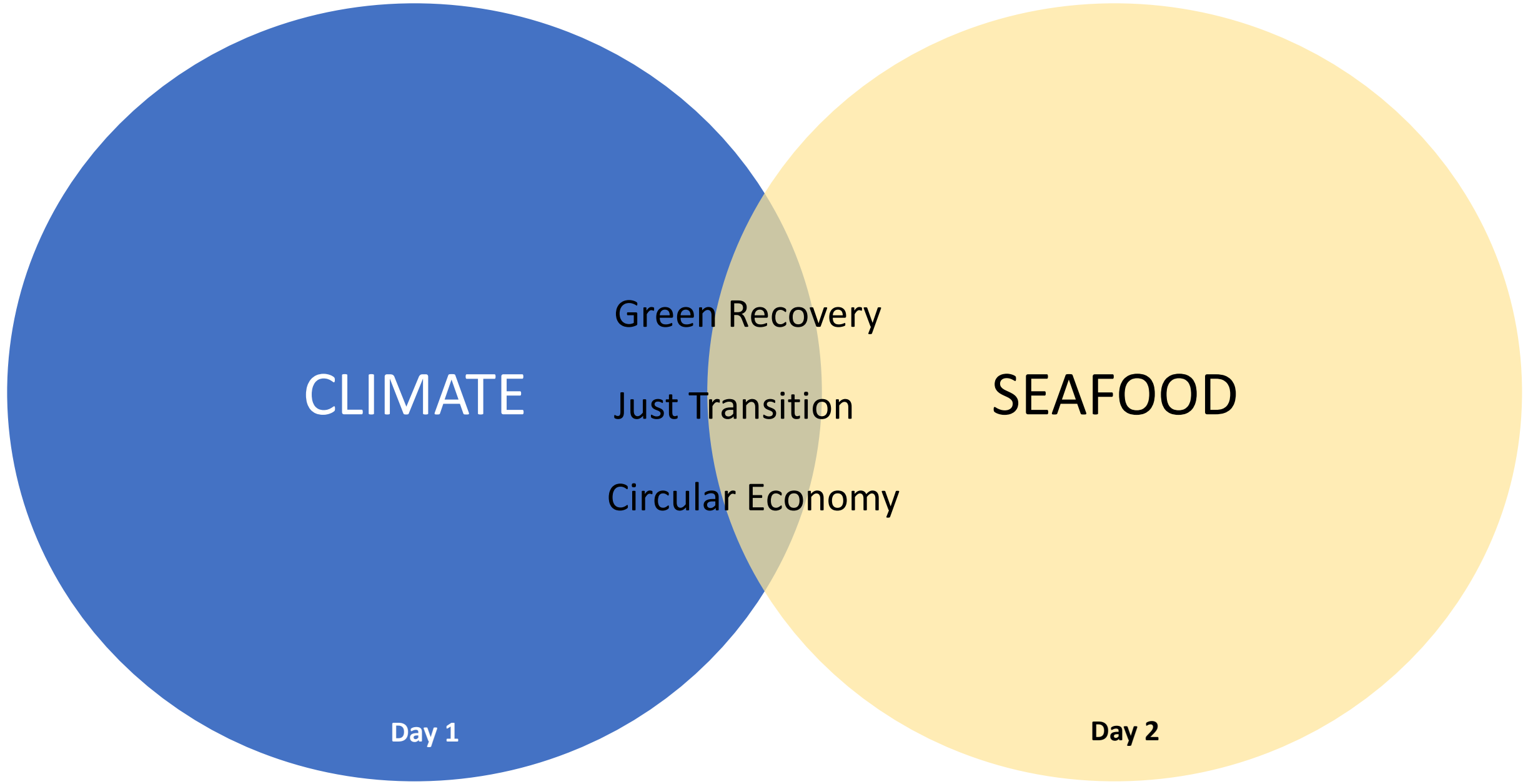
Workshop 2

2. **Mobilise the science** and policy communities in co-developing knowledge for policy impact

Workshop 1: Policy Coherence

- Understanding **interlinkages** across policy, including marine and cross-cutting policy themes

- Exploring **synergies** (where action in one area supports progress in another) and **trade offs** (where action can undermine progress in another)

- Identifying **actions** to promote **policy coherence** and an **integrated approach**

CLIMATE

SEAFOOD

Green Recovery

Just Transition
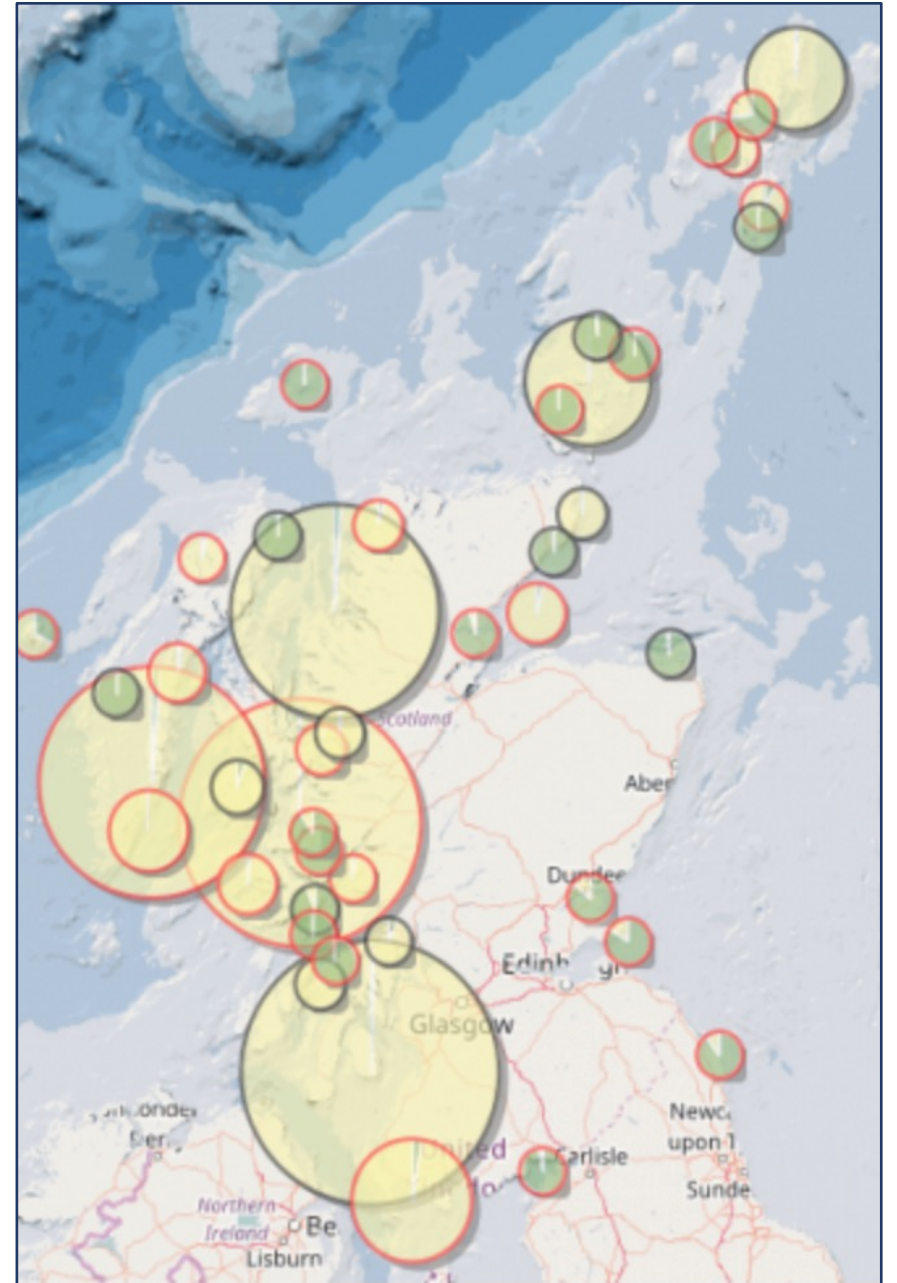
Circular Economy

Day 1

Day 2

Oceans and Climate

- Impacts on marine environment and businesses
- Nature-based solutions e.g. 'blue carbon'
- Benefits / risks in achieving 'net zero'
- Ensuring a Just Transition

Equinor 2017

NatureScot (SNH) 2017

Seafood Production and Consumption

- Tensions in sector growth and biodiversity goals

- Synergies with health and nutrition

- Over-reliance on import and export markets

- Change needs policy, collaboration and market mechanisms

- Scottish Future Fisheries Management Strategy - 2030

Action: Getting the Policy Right

- Recognition of **limits to growth**, **trade-offs** and **winners and losers** in the Blue Economy

- Strong **leadership** with transparency in decision-making and incentives to change

- Raise **awareness of 'marine'** across government

- **Cross-ministerial engagement** e.g. the Just Transition Commission

- **Ecosystem approach** and natural capital as common 'currency'

Action: Management and Engagement

- Participatory, **place-based** approaches

- **Regional marine planning**

- **Island-scale** opportunities for innovative approaches

- Enhance capacity to engage including **ocean literacy** and marine citizenship

Action: Science

- Understanding **long-term trends** and trajectories

- Defining **thresholds** and goals

- Understanding **cumulative effects**

- Informing **natural capital** assessment

- **Social** - behaviour change, understanding values and governance

- **Measuring progress** and informing an **adaptive approach**

Action: Science / Policy

- Evolution in **policy culture**

- **Training** of students and ECRs

- **Secondments** (ECR and senior scientists)

- **Training** for policy makers

- **Research alliances** and knowledge brokers – MASTS, SAGES
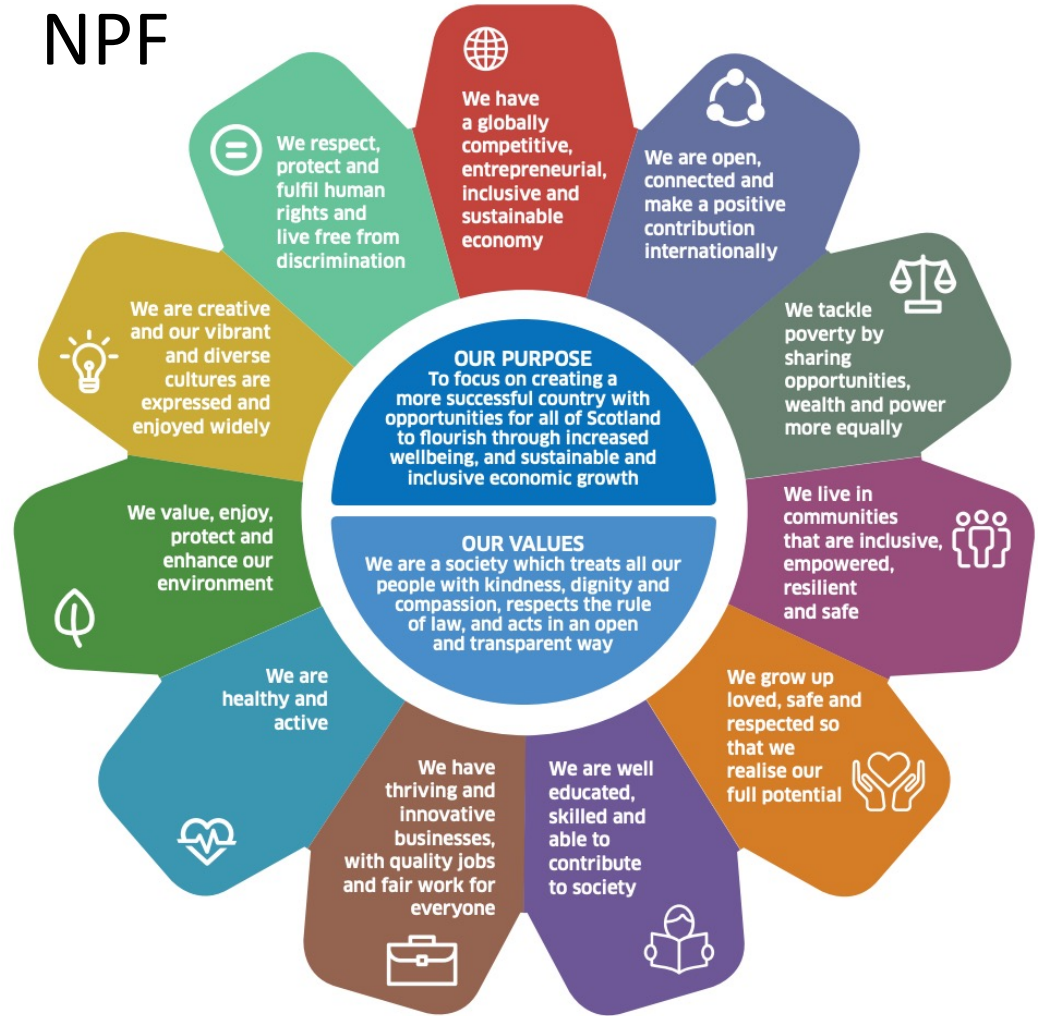
- **Boundary organisations**

Progress...

NPF
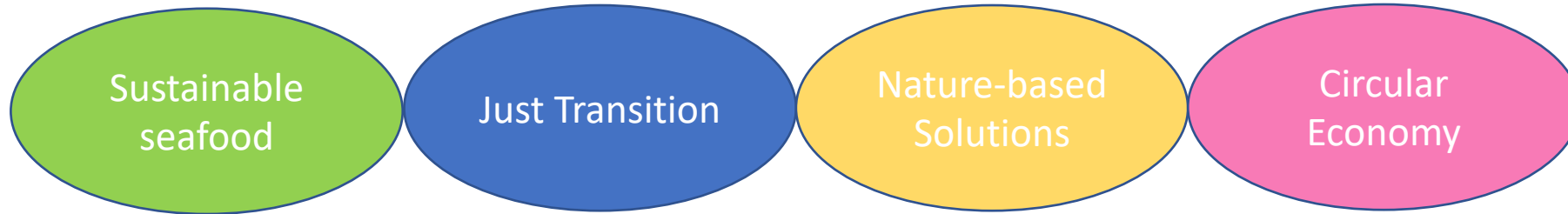
Blue Economy Action Plan (BEAP)

Just Transition

Revision of the National Marine Plan

Etc..

Workshop 2 - Mobilising Science

Sustainable seafood

Just Transition

Nature-based Solutions

Circular Economy

Science for managing synergies and trade-offs

1. What research and other knowledge can help us manage the synergies / trade-offs?

2. Where is innovation needed to promote synergies? (tech / governance / social...)

3. What type of indicators, data and evidence are needed to measure progress? (e.g. env / social/economic; broad surveillance / targeted monitoring...)

Session 1: 1030 - 1115

Workshop 2 - Mobilising Science

The role of science / scientists in supporting blue economy policy

1. What does science contribute to the Blue Economy policy development and implementation?

2. What are the challenges in integrating science into policy and decision-making for the Blue Economy?

3. How can we better engage scientists (academic, gov, industry, NGO, other) in the Blue Economy?
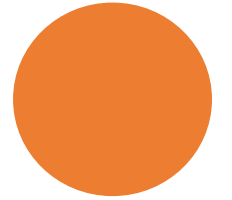
Session 2: 1130 - 1230

1.

2.

3.

But first….

Prof Colin Moffat - Visiting Professor, Robert Gordon University, and former Chief Scientific Advisor for Marine at Scottish Government

Amy McQueen - Head of Marine Analytical Unit and Senior Economist, Scottish Government

Images: Nature Scot