

# NOTES overall

## Workshop:

### Pinpointing challenges and needs in industry and public sector

**Date:** Wednesday, November 15th, 2023

---

#### Targets (1-2) agreed upon:

- More sustainable blue products in industrial value chains, and upscaling of biomass production to enable that
- Address regulatory bottlenecks

#### Action points agreed on:

- Connect the challenge pitchers from the session with blue economy solutions providers
- Mapping of industry needs and possible blue economy solutions
- Greater uptake and connections between industry and solutions providers e.g. on BlueBioMatch, also cross-sectorally beyond the blue bioeconomy to find novel solutions
- Support new products across the 'valley of death'

#### Good Practices / Innovations mentioned:

- Drones and satellite data usage to monitor ocean litter. Connect ocean litter data collection with the EU Ocean Observatory
- Industrial symbiosis to make use of RAS waste products as a way to attract RAS companies to a region
- Making use of shells, traditional roofing from seaweed in Denmark, or end-of-life leisure craft – opportunities to develop into new products for the building industry. Nordic Blue Building Alliance are working on solutions.
- Bioremediation in offshore wind farms using oysters

#### Needs to address the following challenges from the industry and public sector pitches:

- Find more smart, cost-efficient ways to capture and analyse (using AI?) data on ocean litter, especially on the sea floor.
- Support the Lolland-Falster region in developing RAS industry and address waste flows through valorisation and industrial symbiosis.
- Identify solutions for building materials using sustainable blue products which meet requirements on fire safety, durability, scalability etc.
- Identify blue products and processing technologies (e.g. seaweed) to permit large-scale, cost-efficient replacements for non-renewable and petro-based inputs for the chemicals industry to support their transition to net zero.
- Fossil free steel can help reduce the blue economy's carbon footprint, e.g. in shipping. Production will require increased renewable power generation. Blue economy actors have a key role in offshore wind/tidal power, bioremediation of the effects of new offshore wind and wind farm multi-use.