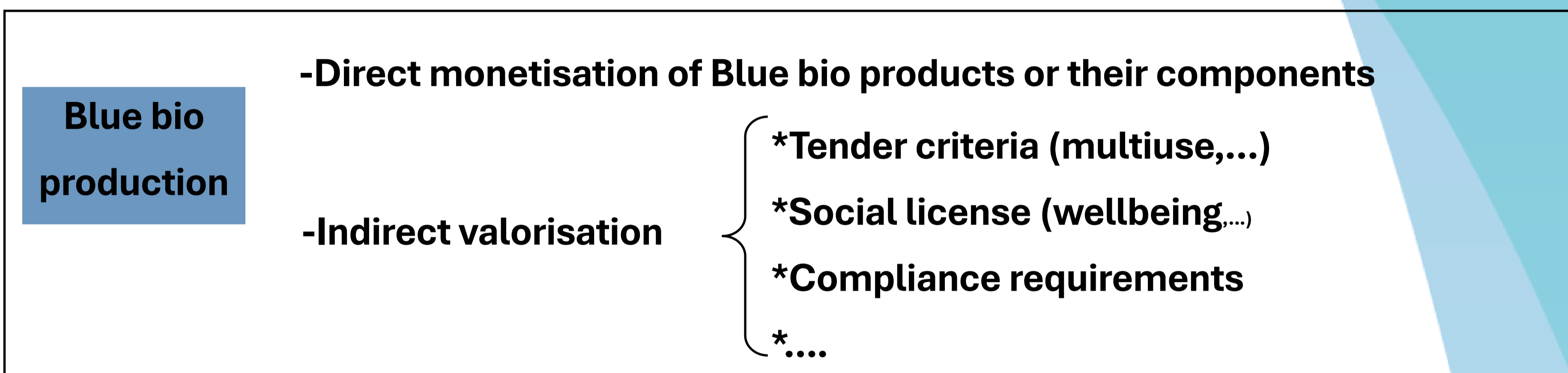
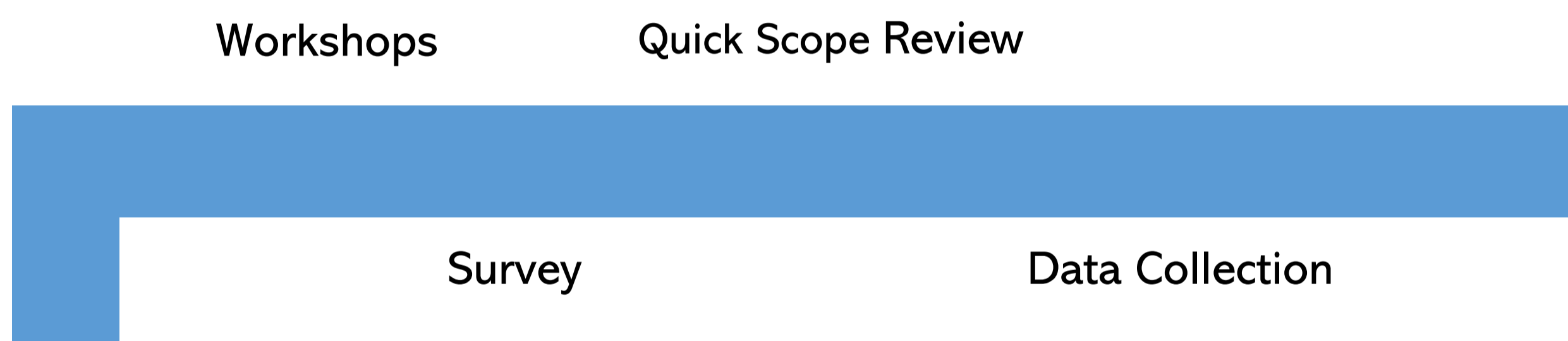


Can Blue bio production be stimulated by the use of Ecosystem Approach ?

Living aquatic resources deliver a wide variety of products and processes. These **ecosystem services** can be provided **directly or indirectly** by Blue bio economic activities and are essential for human survival and well-being, and they encompass a wide range of natural processes and functions for which it is of utmost importance to consider the entire ecosystem, including human impacts, rather than focusing on a single species or environmental issue. The ecosystem approach is a **strategy** for the integrated management of land, water, and living resources that promotes conservation and sustainable use in an equitable way (CBD, 2000¹). It recognizes the complex interrelationships within ecosystems and aims to maintain their health, productivity, and resilience. Within the BlueBio-Cluster project, the aim is to develop tools for supporting businesses in **integrating ecosystem services** into novel ecology-driven business models and induce cross-sector collaborations along the value chain. This should give Blue bio producers **more production area** (Multi-Use) as well as a **larger return** for their activity due to the ecosystem services they provide.



WORK FLOW



Blue Bio Value Chains

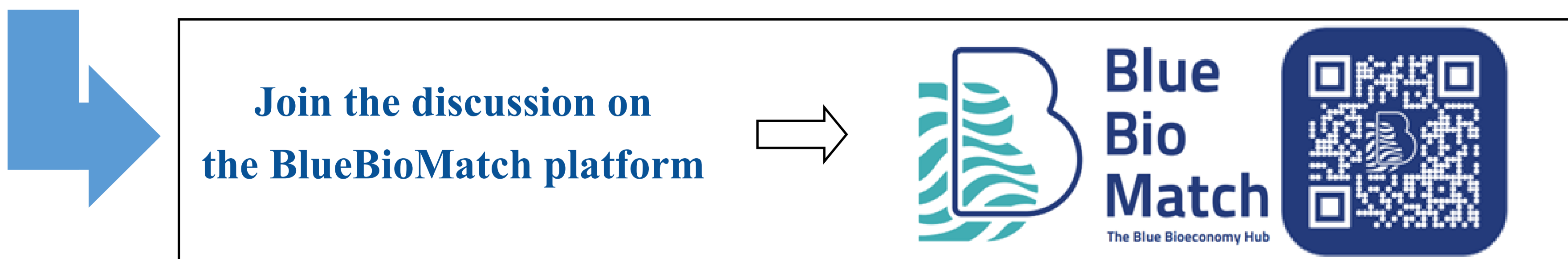


CURRENT STATUS

- Significant knowledge gaps in ecosystem services of certain Blue Bio value chains
 - Tools exist to help valuing certain ecosystem services
 - Opportunity for non-blue bio companies to engage with blue bio companies to positively impact ecosystem services by combining them in the primary activity of the non-blue bio company
- (Ex. macroalgae cultivation between offshore windmills)

NEXT STEPS:

- Set up of an Ecosystem Approach performance ladder, in analogy with CO₂ Performance Ladder², as a procurement tool, tender obligation or other instrument to incentivizes companies to apply Ecosystem approach
- Increased Ecosystem Approach Awareness through workshops
- Find the drivers (big companies, innovative technology, government,...)



Join the discussion on the BlueBioMatch platform

Blue Bio Match
The Blue Bioeconomy Hub



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