Tables 3.1a-c). IFISC-CSIC team focuses on multilayer network modularity, community detection and decentralization metrics for pattern detection in data knowledge discovery (D1.2, Tables 3.1a-c). All teams in WP1 will join efforts to merge evolutionary semantic algorithms, multilayer network metrics, automation, reproducibility and visualization to produce the data knowledge discovery graph for the sustainability of the Seas case study (D1.6, Tables 3.1a-c). ROBHOOT v.2.0's team composed by EAWAG, and TARTU ULIKOOL and will merge eco-evolutionary biology-inspired networks to deep learning networks, the "Evolutionary biology-inspired AI algorithms" approach (D2.1 and D2.2, Box 1, Table 3.1a-c and Figure 1, green). The overall goal of this milestone is to connect evolutionary biology mechanisms to deep learning networks to generate a causal knowledge discovery technology to make patterns interpretable (Deliverable D2.2, Section 3.1.2, Table 3.2.a-c and Figure 3). The team for this milestone add inter-module complementarity expertise to ROBHOOT v.1.0's team: Now the skills focus on data-scientists trained in deep learning networks and evolutionary biologists with expertise in evolutionary ecology theory and evolutionary-inspired networks (section 3.1.2 and Figure 1, green). Milestone two generates a causal knowledge discovery for the sustainability of the Seas containing 9 million entries, 1612 species using around 11 sampling methods and more than 15 countries (D2.6, Figures 1, green). Interdisciplinarity in ROBHOOT is achieved not only at the intra-module development stage, but also at the inter-module stage where causal knowledge discovery and evolutionary biology-inspired AI algorithms might form the basis for the interdisciplinarity breakthrough ideas reflected in the highly complementarity skills of the consortium. The first two modules in ROBHOOT contain researchers from Estonia, Spain and Switzerland.