outputs, attracting new collaborators and research partners, strengthening the research environment and infrastructure. A data management plan (DMP) will be created by the Project Coordinator in close cooperation with the partners and approved by the Steering Board at the start of the Project. The DMP will follow the FAIR principles. The document will describe how to collect, organize, manage, store, secure, back-up, preserve, and where applicable, share data.

(IV) **Innovation and IPR**: The Consortium will benefit from the innovation and technology transfer environment in place at EAWAG and CSIC, which will assist in the patent application process. Support is also available to assist the realization of innovative ideas into efficient business concepts. The necessary precautions will also be taken to protect the IPR of individual institutions. A Consortium Agreement will be signed before the beginning of the project to take into account the different interests of the partners, in particular how to treat pre-existing know-how, the ownership of the results and the intellectual property rights to prevent conflicts during the project. The Steering Board will ensure that all innovations and generated data are exploited to the benefit of the involved partners.

(V) **Exploitation, including business models**: The project's results will be showcased in trade shows (e.g. WebSummit), by communicating through specialized trade press media, and also to a targeted audience (policy makers, funding agencies, industry and SMEs). A detailed business plan will be prepared during the project work in collaboration with the SME and academic partners involved, with the ultimate goal of creating a Start-Up at the end of ROBHOOT. The value proposition of the project is to develop computation discovery solutions for rapidly diversifying traits and complex interactions that improve the sustainability of exploited natural ecosystems.

YEAR					2021				2022				2023			
MONTH					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
MILESTONE												MS1		MS2		MS3
WP	WP Name	PROGRESS	START	END												
WP1	**Data knowledge discovery (DKD)**															
T1.1	Evolutionary semantic algorithms	17%	1/1/21	31/6/22						D1.1						
T1.2	Multilayer network metrics	34%	1/1/21	31/6/22						D1.2						
T1.3	Automation DKD	51%	1/4/22	1/8/22							D1.3					
T1.4	Reproducibility DKD	68%	1/4/22	30/9/22							D1.4					
T1.5	Visualization DKD	85%	1/4/22	30/9/22							D1.5					
T1.6	Data knowledge discovery SUSO	100%	1/4/22	31/12/22								D1.6				
WP2	**Causal knowledge discovery (CKD)**															
T2.1	Eco-Evolutionary diversification AI Algorithms	17%	1/5/22	31/12/22								D2.1				
T2.2	Eco-Evolutionary Deep Learning	34%	1/5/22	31/12/22								D2.2				
T2.3	Automation CKD	51%	1/10/22	31/3/23									D2.3			
T2.4	Reproducibility CKD	68%	1/10/22	31/3/23									D2.4			
T2.5	Visualization CKD	85%	1/10/22	31/3/23									D2.5			
T2.6	Causal knowledge discovery SUSO	100%	1/10/22	30/6/23										D2.6		
WP3	**Discovery in federated networks (DFN)**															
T3.1	Eco-evolutionary diversification-inspired	17%	1/1/22	31/12/23									D3.1			
T3.2	Evolutionary neural diversification-inspired	34%	1/1/22	31/12/23												D3.2
T3.3	Automation DFN	51%	1/1/23	31/12/23												D3.3
T3.4	Reproducibility DFN	68%	1/1/23	31/12/23												D3.4
T3.5	Visualization DFN	85%	1/1/23	31/12/23												D3.5
T3.6	Discovery in federated networks SUSO	100%	1/1/23	31/12/23												D3.6
WP4	**Dissemination, Knowledge Transfer and Outreach**															
T4.1	Dissemination and exploitation Plan	10%	1/1/21	31/12/23	D4.1							D4.4				D4.5
T4.2	Branding and communication guidelines	15%	1/1/21	31/3/21	D4.2											
T4.3	Website and social media	20%	1/1/21	31/12/23		D4.3										
T4.4	Case study outreach	45%	1/10/21	31/12/23								D4.4				D4.5
T4.5	Knowledge Transfer	70%	1/7/22	31/12/23								D4.4				D4.5
T4.6	Publications and Conferences	90%	1/7/22	31/12/23								D4.4				D4.5
T4.7	Exploitation	100%	1/4/23	31/12/23												D4.6
WP5	**Management**															
T5.1	Project initiation	50%	1/1/21	30/6/21												
T5.2	Other management task (R = Reporting)	100%	1/1/21	31/12/23				R				R				R

Gantt chart:(MS=Milestone,D=Deliverable,R=Project Reporting,T=Task)

Communication activities

ROBHOOT has very general communication targets, from general public to scientists, decision-makers and to the business community. ROBHOOT's general dissemination measures focus on project results