

Assessing Biodiversity Loss as Financial Systemic Risk

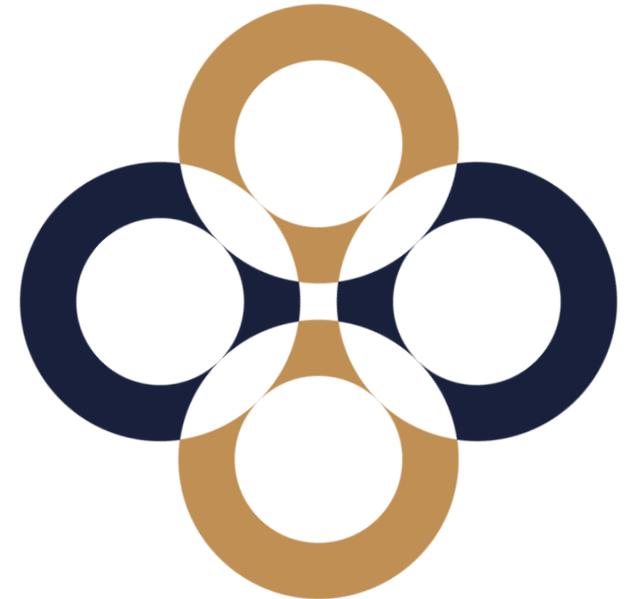
Helena Naffa, associate professor of finance

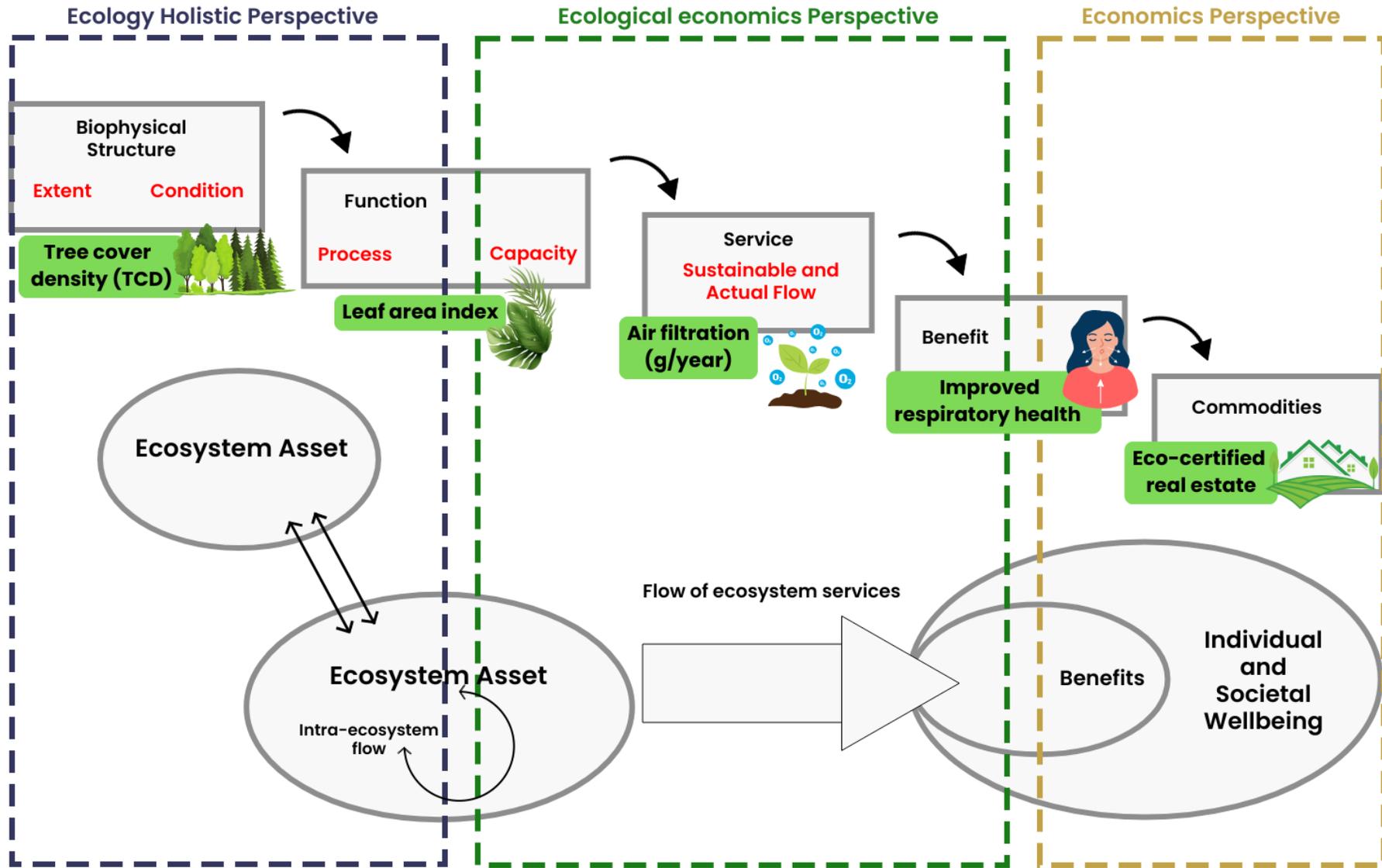
Balázs Kotró, post-doc researcher, financial risk

Sustainable Finance Research Centre

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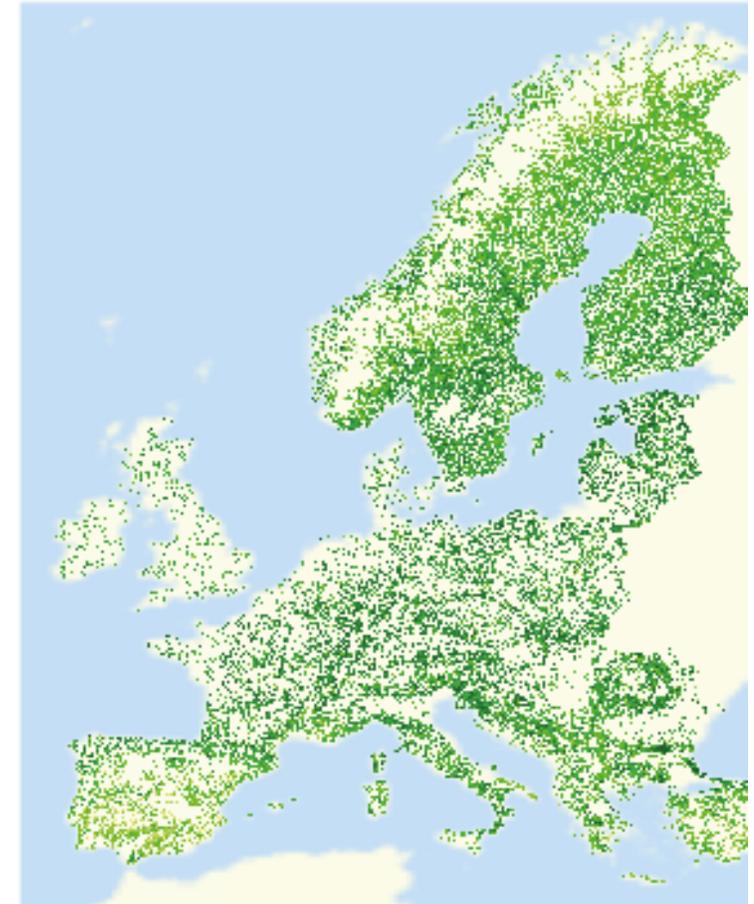




The Ecosystem Service Cascade and the Conceptual Framework of SEEA-EEA

		Region 1			Region 2			Region 3		
		Industry 1	Industry 2	Industry 3	Industry 1	Industry 2	Industry 3	Industry 1	Industry 2	Industry 3
Region 1	Industry 1	Domestic Economy			International					
	Industry 2									
	Industry 3									
Region 2	Industry 1	International			Domestic Economy			Trade		
	Industry 2									
	Industry 3									
Region 3	Industry 1	Trade						Domestic Economy		
	Industry 2									
	Industry 3									

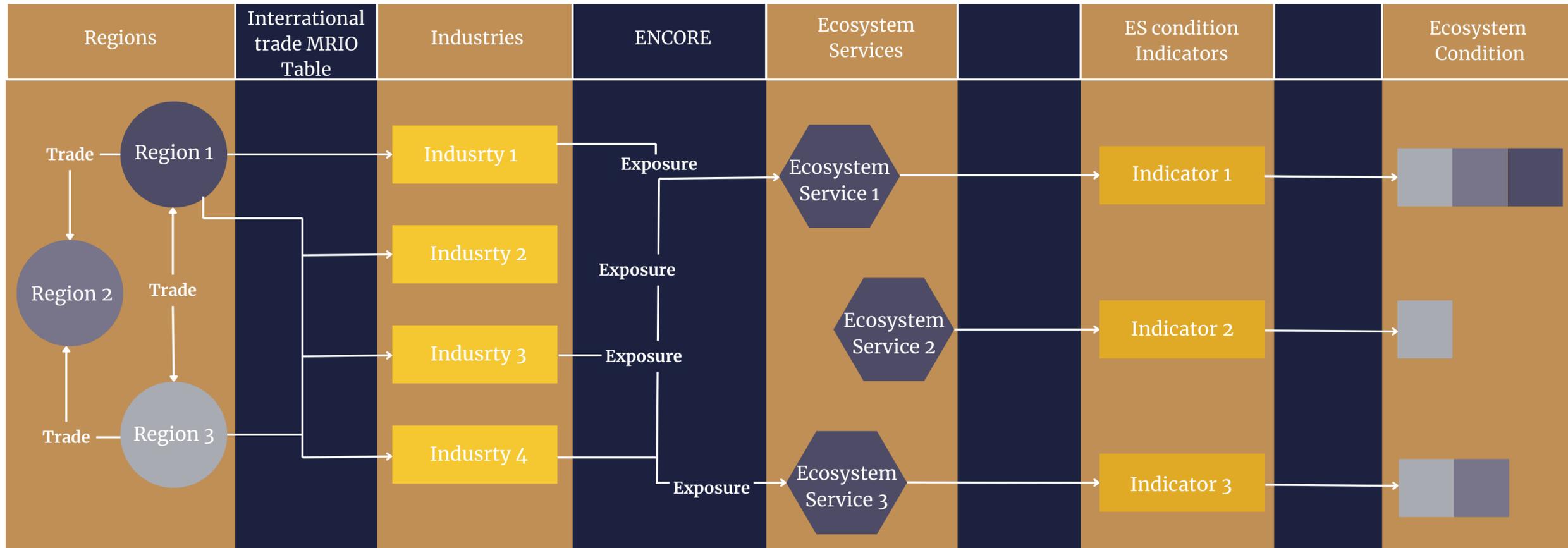
Multi-regional input output (MRIO) trade data for European NUTS2 regions



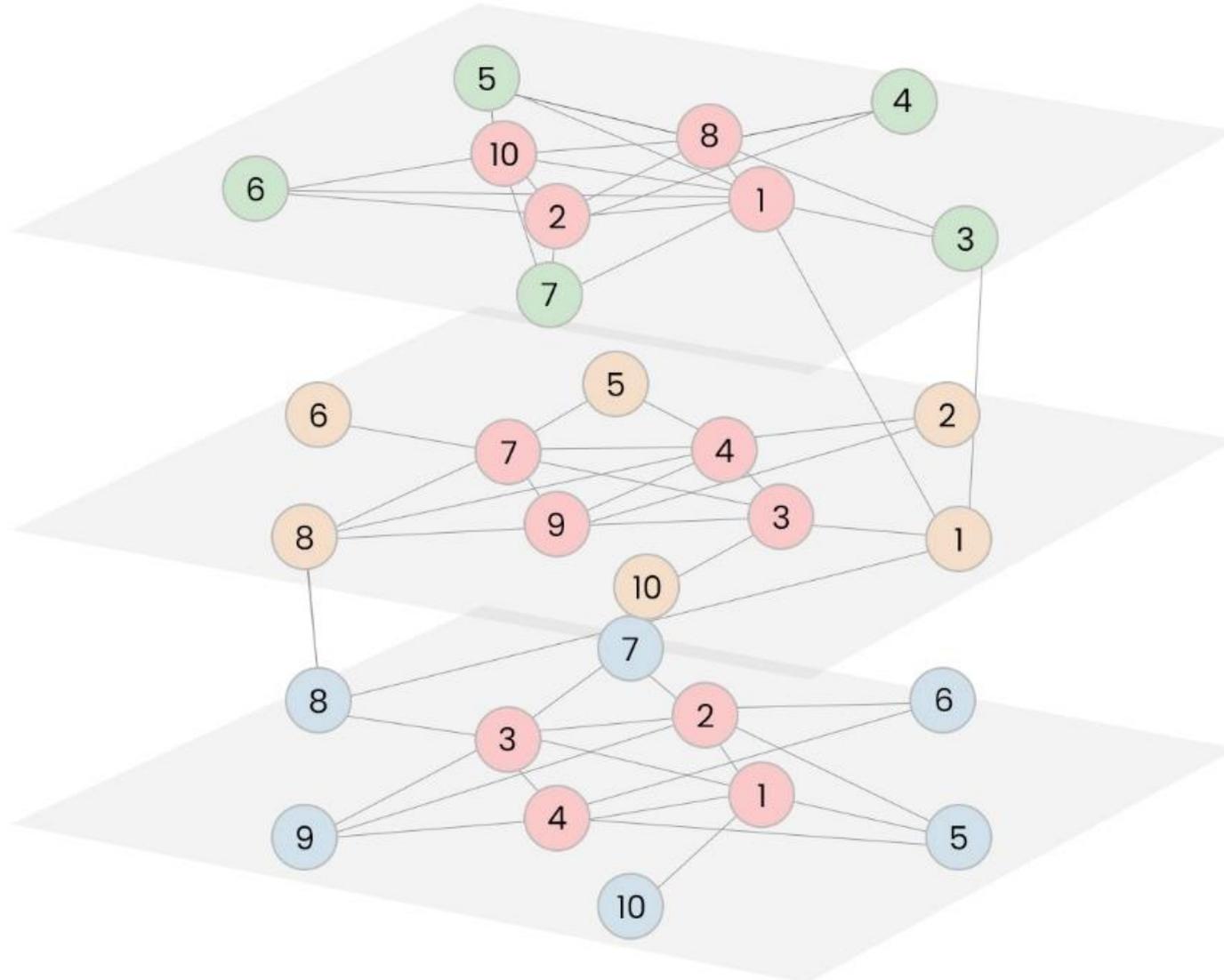
Sentinel imagery showing tree cover density (TCD) in Europe

A Novel Biodiversity Risk for Finance Framework

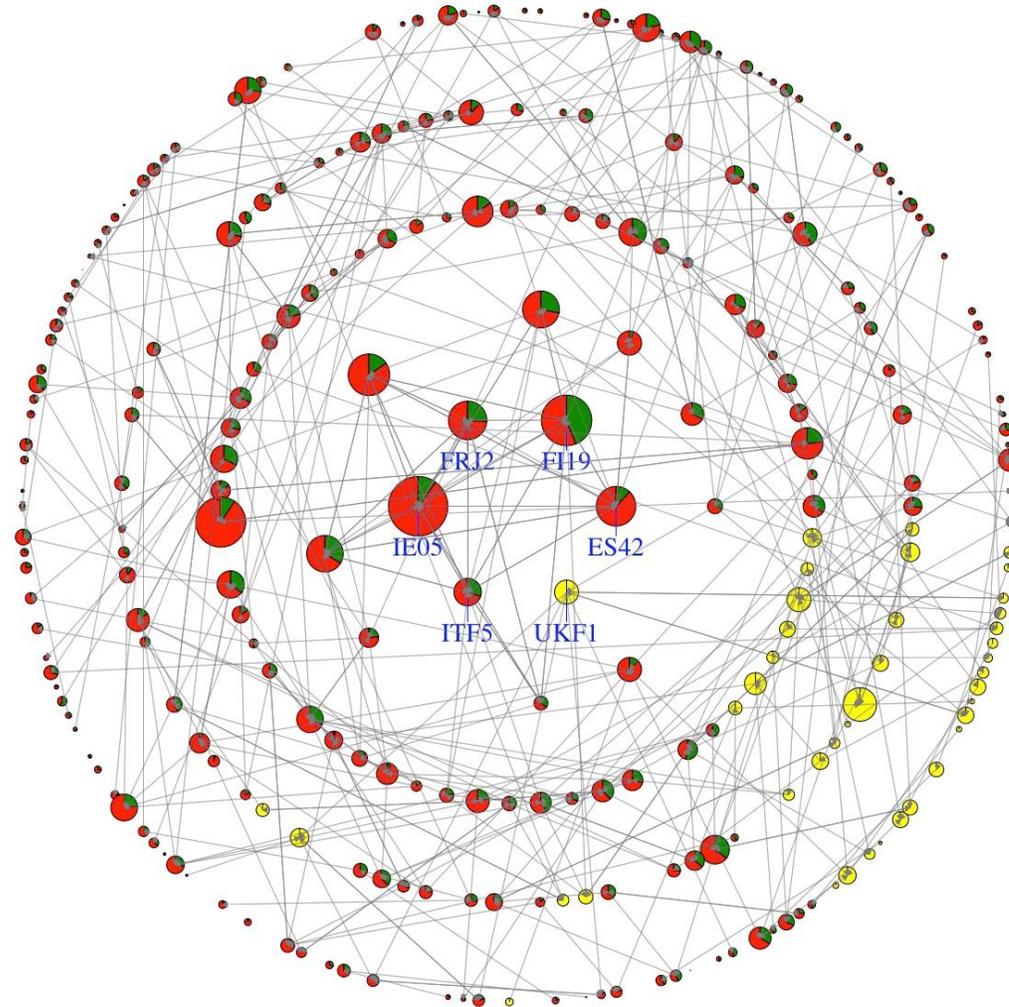
Framework for Assessing Biodiversity Risk Based on interregional trade data and Ecosystem Conditions

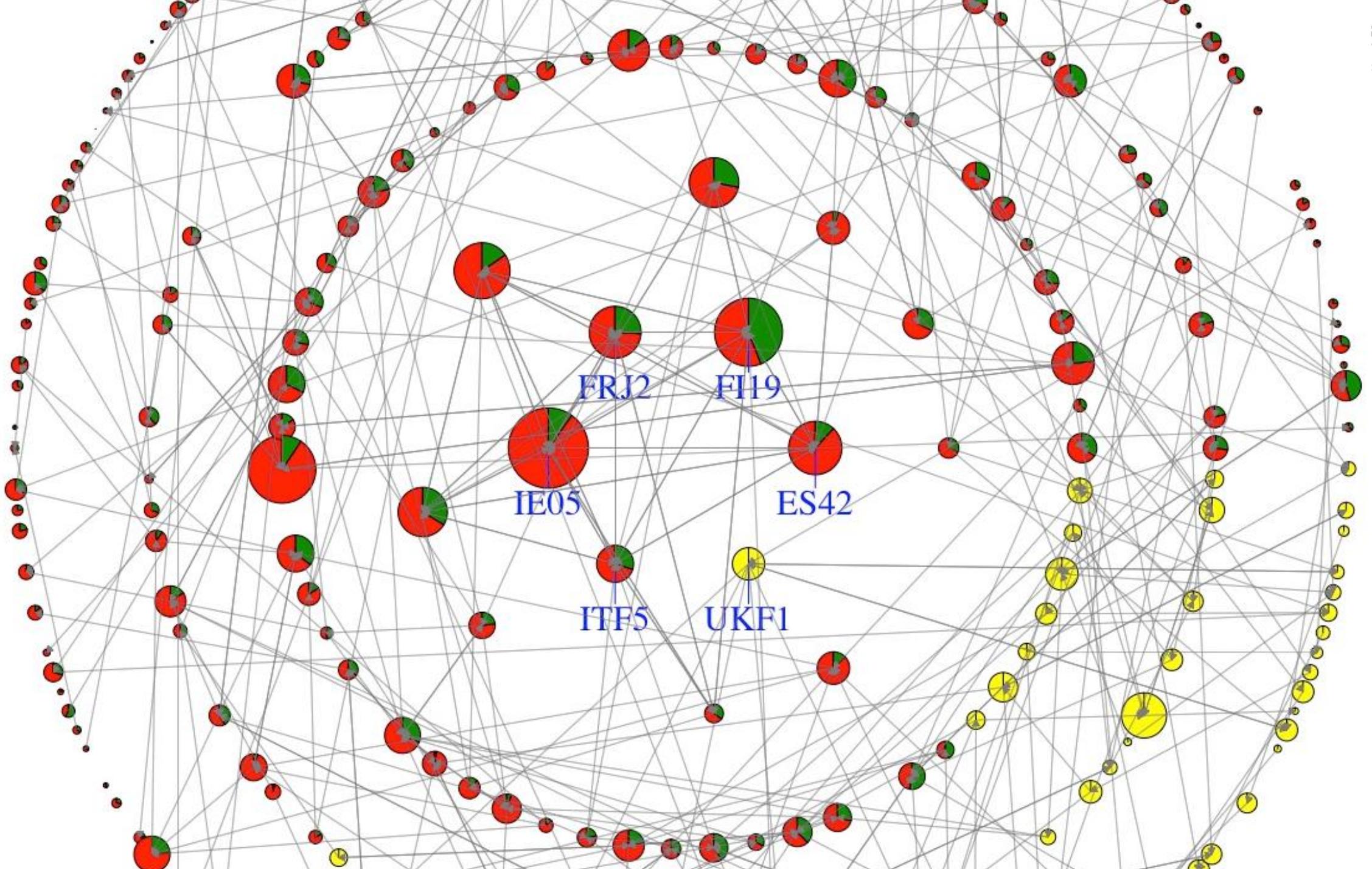


Multi-layer core-periphery model



Core-periphery Network of European Regional Trade & Tree Cover Density





Thank you for your attention



Helena Naffa
LinkedIn



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References

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