

EU and UK Initiatives on Green Agenda for the Western Balkans Region:

Their Impact on Local Company Practices in Developing Sustainable ESG Financial Reporting

29 October 2025

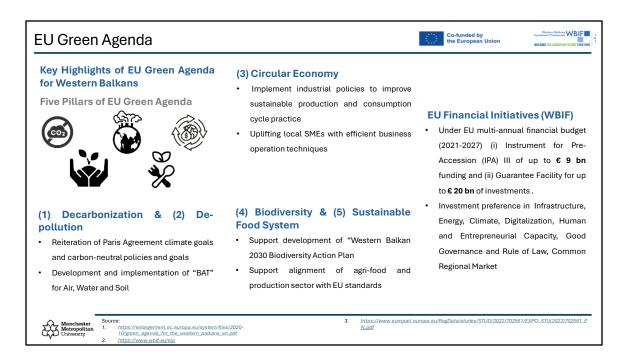
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- (1) climate action, including decarbonisation, energy and mobility,
- (2) circular economy, addressing in particular waste, recycling, sustainable production and efficient use of resources,
- (3) biodiversity, aiming to protect and restore the natural wealth of the region,
- (4) fighting pollution of air, water and soil and
- (5) sustainable food systems and rural areas.

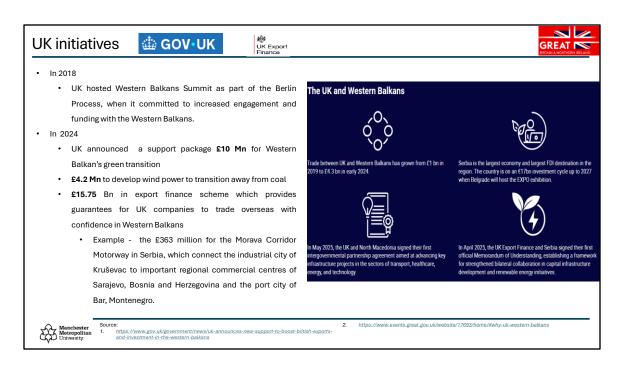
Instrument for Pre-Accession Assistance IPA III €9 bn

To support: (9 bn euro)
economic convergence with the EU
competitiveness and inclusive growth
sustainable connectivity
twin green and digital transition

Western Balkans Guarantee Facility (20 bn euros)
To reduce:
the cost of financing for public and private investments

the risk for investors

The Western Balkans Investment Framework (WBIF) is a joint initiative of the EU, financial institutions, bilateral donor and beneficiaries, aimed at enhancing harmonisation and cooperation in investments for the socio-economic development of the region and contributing to the European perspective of the Western Balkans.



Population of Western Balkans 20 million for all the 6 countries.

ESG and Sustainability Reporting Initiatives – Understanding Sample Universe and Data

Timeframe Selection 2013 - 2025



2014

Implementation of the EU's Non-Financial Reporting Directive (NFRD), began shaping ESG expectations across Europe.



2016 - 2018

Increased alignment of GRI Standards with the UN SDGs and the launch of the Task Force on Climate-related Financial Disclosures (TCFD).



2021 - 2022

- Announcement of EU Green Agenda for the Western Balkans. A step towards aligning the region with European green deal and sustainable environmental practices.
- The European Commission's proposal of the Corporate Sustainability Reporting Directive (CSRD) (European Commission, 2025) and the release of revised GRI 2022 Standards, including sector-specific standards for Oil & Gas, Mining, and Financial Services.



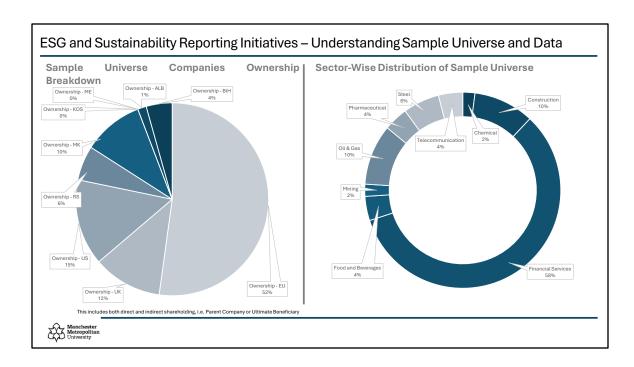
Country-Wise Distribution of Sample Universe

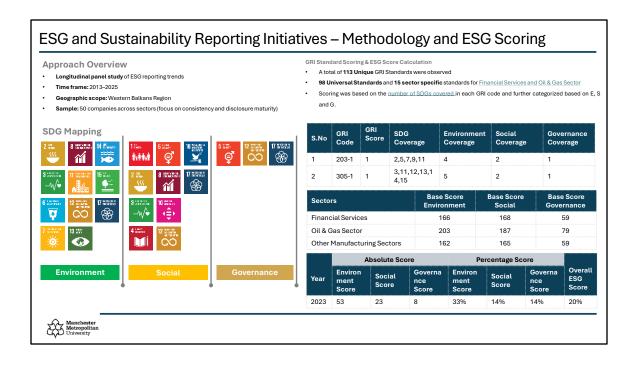


Annexure I – Sample Universe Table

S.No	Company Name	Sector	Country	S.No	Company Name	Sector	Country
1	Banca Intesa Beograd	Financial Services	Serbia	26	ProCredit Bank - Albania	Financial Services	Albania
2	Erste Bank - Serbia	Financial Services	Serbia	27	ProCredit Bank - Serbia	Financial Services	Serbia
3	Erste Bank - Montenegro	Financial Services	Montenegro	28	ProCredit Bank - Kosovo	Financial Services	Kosovo
4	Sparkasee Bank Skopje	Financial Services	North Macedonia	29	ProCredit Bank - BiH	Financial Services	Bosnia
5	Sparkasee Bank BiH	Financial Services	Bosnia	30	ProCredit Bank - MK	Financial Services	North Macedonia
6	NOA Finance	Financial Services	Albania	31	Tara Resource	Mining	Montenegro
7	Banka Kombëtare Tregtare - KOS	Financial Services	Kosovo	32	Addiko Bank Banja Sarajevo	Financial Services	Bosnia
8	Banka Kombëtare Tregtare - Al	Financial Services	Albania	33	Addiko Bank Banja Luka	Financial Services	Bosnia
9	Elixir Group	Chemical	Serbia	34	OTP Bank Serbia	Financial Services	Serbia
10	Makedonija Osiguruvanje	Financial Services	North Macedonia	35	Komercijalna Banka ad. Skopje	Financial Services	North Macedonia
11	Replek ad Skopje	Pharmaceutical	North Macedonia	36	HBIS Steel - Serbia	Steel	Serbia
12	Coca-Cola Bottling Shqipëria	Food and Beverages	Albania	37	Telemach MK	Telecommunication	North Macedonia
13	Bankers Petroleum Limited	Oil & Gas	Albania	38	Telemach BiH	Telecommunication	Bosnia
14	VV Tikves AD Kavadarci	Food and Beverages	North Macedonia	39	HIP-Petrohemija	Oil & Gas	Serbia
15	UNIQA Osiguranje	Financial Services	Serbia	40	Rafiessen Bank - KOS	Financial Services	Kosovo
16	Sigal UNIQA - KOS	Financial Services	Kosovo	41	Rafiessen Bank - BiH	Financial Services	Bosnia
17	UNIQA osiguranje u BiH	Financial Services	Bosnia	42	Rafiessen Bank - RS	Financial Services	Serbia
18	Sigal Uniqa - Albania	Financial Services	Albania	43	Rafiessen Bank - ALB	Financial Services	Albania
19	UNIQA osiguranje ad Podgorica	Financial Services	Montenegro	44	Titan Cementara	Construction	Serbia
20	Alkaloid ad. Skopje	Pharmaceutical	North Macedonia	45	Cementarnica USJE AD Skopje	Construction	North Macedonia
21	Aluminij d.d. Mostar	Steel	Bosnia	46	Titan Sharrcem - Kosovo	Construction	Kosovo
22	Energopetrol	Oil & Gas	Bosnia	47	Titan ANTEA Cement	Construction	Albania
23	Granit ad. Skopje	Construction	North Macedonia	48	UniCredit Bank - Serbia	Financial Services	Serbia
24	Makpetrol ad. Skopje	Oil & Gas	North Macedonia	49	UniCredit Bank - BiH	Financial Services	Bosnia
25	Makstil ad. Skopje	Steel	North Macedonia	50	NIS - Serbia	Oil & Gas	Serbia







Annexure I – GRI Standard Scoring as per the SDG Goals

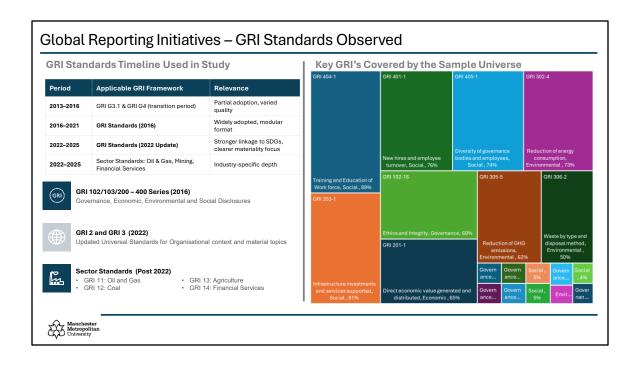
GRI Code	GRI Standard	SDG Linkage	SDG Measure
		Goal 2: Zero Hunger	1. Examples of significant identified indirect economic impacts of the organization, including positive and negative impacts. 2. Significance of the indirect economic impacts in the context of external benchmarks and stakeholder priorities, such a national and international standards, protocols, and policy agendas.
		SDG 5: Gender Equality	1. Extent of development of significant infrastructure investments and services supported. 2. Current or expected impacts on communities and local economies, including positive and negative impacts, where relevant. 3. Whether these investments and services are commercial, in-kind, or pro bono engagements.
GRI 203-1	Indirect Economic Impact	SDG 7: Affordable & Clean Energy	1.Ensure universal access to affordable, reliable, and modern energy services. 2.Increase the share of renewable energy in the global energy mix.
		SDG 9: Industry, Innovation and Infrastructure	1. Extent of development of significant infrastructure investments and services supported. 2. Current or expected impacts on communities and local economies, including positive and negative impacts, where relevant. 3. Whether these investments and services are commercial, in-kind, or pro bono engagements.
		SDG 11: Sustainable Cities & Communities	1. Extent of development of significant infrastructure investments and services supported. 2. Current or expected impacts on communities and local economies, including positive and negative impacts, when relevant. 3. Whether these investments and services are commercial, in-kind, or pro bono engagements.



Annexure II – Sector Specific Codes

GRI Code	Sector	GRI Indicator
	_	
GRI FS13	Financial Services	Access points in low-populated or economically disadvantaged areas by type
GRI FS14	Financial Services	Initiatives to improve access to financial services for disadvantaged people
GRI FS7	Financial Services	Monetary value of products and services designed to deliver a specific social benefit for each business line
GRI OG 11.2.3	Oil & Gas	Emissions potential of reserves
GRI OG 11.5.1	Oil & Gas	Volume of hydrocarbons produced & processed
GRI OG 11.5.2	Oil & Gas	Volume of hydrocarbon reserves
GRI OG 11.5.3	Oil & Gas	Volume of hydrocarbon resource additions
GRI OG 11.5.4	Oil & Gas	Volume of flared and vented hydrocarbons
GRI OG 11.5.5	Oil & Gas	Energy intensity of hydrocarbon production
GRI OG 11.5.6	Oil & Gas	Benzene, lead & sulphur content in fuels
GRI OG 11.5.8	Oil & Gas	Volume of non-renewable waste generated
GRI OG 11.5.9	Oil & Gas	Biofuels meeting sustainability criteria
GRI OG 11.6.1	Oil & Gas	Emergency preparedness & response systems
GRI OG 11.6.2	Oil & Gas	Process safety management
GRI OG 11.6.3	Oil & Gas	Closure and rehabilitation of sites







Prahovo 2027 | Elixir Group

Full decarbonization of production is Elixir Group's strategic goal for 2030

The example of sustainable financing

Case Study: De-carbonization in the Western Balkans - North Macedonia, Bosnia, Kosovo and Albania North Macedonia Bosnia, Kosovo and Albania ProCredit Bank Company Name: ProCredit Bank Company Name: Alkaloid ad Skopje Strategic ESG Initiatives: Objective: To align with the EU Green Deal and Climate Action Plan for o Environmental Management & Certification: ISO 14001 EMS in the Western Balkans Albania; EDGE certification in Kosovo. Initiatives: Green Lending & Eco-Credit Lines: Financing for energy efficiency, Modernization of production facilities with energy-efficient renewable energy, tech upgrade for SMEs. Internal Operations Improvements: Energy saving in branches / Transition to renewable energy sources for selected production processes Working with Donors / International Partners: EBRD, EFSE, WBIF o Implementation of circular economy principles through waste supporting loans & credit lines linked to environmental criteria. reduction and water reuse o Since 2022, the company is reporting on ESG metrics in Reduced carbon footprint in operations (e.g., building energy accordance to General Reporting Initiatives savings, fewer emissions from fleet) in Kosovo via EDGE Progress: certification (~294 t CO2/year). o Achieved measurable reductions in CO₂ emissions (approx. 20% o Increased accessibility for SMEs & households to finance green reduction over 5 years) upgrades and helping reduce costs and energy consumption. o Increased use of green energy in operations (solar Park Projects o Better alignment with EU / international regulatory expectations with 11K MW Production) (Green Agenda, CSRD, CBAM, etc.) through proactive green o Strengthened ESG reporting practices to meet EU CSRD policies. requirements

lkaloid AD Skopje is a publicly traded joint stock company based in North Macedonia that manufactures and distributes pharmaceuticals, cosmetics, chemicals, and botanical products. It operates in two main divisions: Pharmaceuticals and Chemicals, Cosmetics and Botanicals. Has received some of the EU grants

Procredit bank whose fundamental owner is a German bank

The effect of EU Green Agenda		Score	Environmental Score	Social Score	Governance score
on companies involved and	EU_Ownership	0.031	0.05*	0.03*	0.013
their changes in ESG reporting		(0.021)	(0.028)	(0.018)	(0.017)
	UK_Ownership	-0.087*** (0.024)	-0.127*** (0.033)	-0.068*** (0.021)	-0.066** (0.020)
ompanies involved in EU green agenda are more likely to report on Environmental reporting	US_Ownership	0.074***	0.092***	0.059***	0.071**
om 2021 onwards		(0.023)	(0.031)	(0.019)	(0.019)
hy 2021?	EU Green Agenda involvement and reporting before year 2021	-0.168***	-0.264***	-0.122***	-0.117**
 First year of EU Green Agenda implementation created a learning curve for Western Balkan companies. 	bololo your 2021	(0.030)	(0.041)	(0.026)	(0.025)
 Result: 2021 acted as a transition/baseline year — visible ESG reporting improvements appeared mainly in 2022–2023. 	Companies reporting from year 2021	-0.044*	-0.073**	-0.036*	-0.022**
o Firms faced delays due to:		(0.023)	(0.031)	(0.019)	(0.019)
 lack of ESG expertise and systems, 	EU Green Agenda involvement and reporting				
 challenges in collecting reliable data, 	from year 2021	0.056	0.101**	0.038	0.03
 COVID-19 financial constraints. 		(0.034)	(0.046)	(0.029)	(0.028)
ompanies not involved in EU green agenda projects are less likely to improve their reporting in any	Intercept	0.236 ***	0.345***	0.2***	0.164***
the three categories		(0.025)	(0.033)	(0.021)	(0.020)
J and US ownership positively affect the ESG reporting					
K ownership has a negative effect, but this is based on very few observations.	Nu of Obs	233	233	233	233
·	R-square	0.363	0.396	0.316	0.342
	*** p<0.01, ** p<0.05, * p<0.1				

Explain why UK ownership has a negative effect: - private equity funds example from the dataset – to compare it with an example from EU ownership.

Probitregression	GRI 305-5	GRI401-1	GRI403-2	GRI 404-1	GRI 405-1	GRI 413-1			
	Emissions	Employment	Occupational Health and Safety	Training and Education	Diversity and Equal Opportunit	Local communities			
EU_Ownership	-0.157	1.415***	1.02***	0.364	0.323	-1.15***			
	(0.233)	(0.236)	(0.253)	(0.335)	(0.233)	(0.246)			
UK_Ownership	-0.231	-0.378	-1.964***	-0.212	-0.211	0.721**	GRI 305-5	Emissions	Reduction of GHG emissions
	(0.270)	(0.317)	(0.323)	(0.389)	(0.332)	(0.327)			
III O	0.608**	0.440	0.575**	0.000	0.5	4 000+++	GRI 401-1	Employment	New employee hires and employee turnove
US_Ownership	(0.266)	0.148 (0.293)	(0.260)	0.338 (0.350)	(0.315)	-1.008*** (0.281)			
		(0.200)	(0.200)	(0.000)	(0.010)	(0.202)	GRI 403-2	Occupational Health and Safety	Hazard identification, risk assessment, a incident investigation
EU Green Agenda involvement and reporting before year 2021	-0.803	-0.289	-1.801	0.015	-1.584	0.878		Training and	
before year 2021	(0.340)	(0.393)	(0.368)	(0.544)	(0.480)	(0.383)	GRI 404-1	Education	Average hours of training per year per empl
			. ,					Diversity and	
Companies reporting from year 2021	0.692*** (0.264)	-0.79*** (0.300)	-0.203 (0.264)	-0.755**	-1.146*** (0.394)	0.821***	GRI 405-1	Equal Opportunity	Diversity of governance bodies and emple
	(0.204)	(0.300)	(0.264)	(0.365)	(0.394)	(0.290)		Local	Operations with local community engage
EU Green Agenda involvement and reporting from							GRI 413-1	Communities	impact assessments, and development p
year 2021	0.567	0.68	0.933**	0.32	1.253***	-1.041**		-	
	(0.391)	(0.440)	(0.389)	(0.561)	(0.472)	(0.411)			
Intercept	0.155	0.146	0.058	1.325***	1.451***	-0.032			
	(0.264)	(0.308)	(0.269)	(0.396)	(0.415)	(0.287)			
Nu of Obs	233								
NU 01 ODS	215.8								

NOA – US ownership examples ---- how they are mimicking each other...

Probit regression	GRI102-16 Ethics and Integrity	GRI 102-18 Governance	GRI 201-1 Economic Performance	GRI 203-1 Indirect Economic Impact	GRI 302-4 Energy			
EU _ Ownership	-1.256*** (0.303)	-1.943*** (0.322)	-0.293 (0.224)	0.224 (0.259)	-0.38 (0.238)	GRI Code	GRI 2022 Standard	Indicator Title
UK_Ownership	1.582*** (0.313)	1.075*** (0.292)	-0.648** (0.254)	-0.532* (0.272)	-0.625** (0.271)	GRI 102-16	Ethics and Integrity	Values, principles, standards, and norms of behavior
US_Ownership	-1.116*** (0.292)	-1.088*** (0.296)	0.651** (0.257)	0.343 (0.267)	0.59** (0.285)	GRI 102-18	Governance	Governance structure
EU Green Agenda involvement and reporting before year 2021	0.542	-0.877**	-0.603*	0.851**	-0.704**	GRI 201-1	Economic Performance	Direct economic value generated and distributed
Companies reporting from year 2021	(0.398) -0.094	(0.417)	(0.320)	(0.409)	(0.345)	GRI 203-1	Indirect Economic Impacts	Infrastructure investments and services supported
EU Green Agenda involvement and reporting from	(0.299)	(0.312)	(0.248)	(0.251)	(0.273)	GRI 302-4	Energy	Reduction of energy consumption
year 2021	0.282 (0.444)	1.511*** (0.482)	0.384 (0.358)	-0.017 (0.434)	0.315 (0.365)			
Intercept	1.424*** (0.360)	1.786*** (0.376)	0.652** (0.259)	0.591** (0.269)	1.166*** (0.288)			
Nu of Obs Wald Chi square	233 189.67***							
*** p<0.01, ** p<0.05, * p<0.1 Companies GRI 102-18.		en agenda	project are m	nore likely to rep	oort an impi	ovement in ESG	reporting from 20	021 onwards in the Governance struct

One can also argue that it is the mandatory effect on 2021 onwards that has led to them reporting, so just being involved in EU green agenda does not necessarily lead to reporting.

Firms not involved in EU agenda and from year 2021 do not report.

GRI specific results -

Probit regression	GRI 404-2	GRI 415-1
	Training and Education	Public Policy
EU_Ownership	1.243***	1.717***
	(0.298)	(0.324)
UK_Ownership	0.154	-7.293
	(0.319)	(176.601)
US_Ownership	0.405	0.467
	(0.264)	(0.316)
EU Green Agenda involvement and reporting before year 2021	-1.47***	-2.075***
	(0.373)	(0.439)
Companies reporting from year 2021	-1.344***	-1.34***
	(0.285)	(0.368)
EU Green Agenda involvement and reporting from year	1.105***	1.679***
	(0.404)	(0.469)
Intercept	-0.115	-0.122
	(0.295)	(0.324)
Nu of Obs	233	
Wald Chi square	95.34***	

GRI 415-1	Public Policy	total monetary value of direct and indirect financial and in-kind political contributions

Training and Education

GRI 404-2

Programs for upgrading employee skills and transition assistance programs

- Companies involved in Western Balkans project after 2021 are more likely to report on Employee Training programs GRI 404-2 than companies not in involved after 2021.
- Companies involved in EU green agenda after 2021 are more likely to report on contributions to Public policy GRI 415-1 when compared to other companies
- Companies with EU ownership are more likely to contribute to Training and Education and also to Public Policy



Concluding remarks – policy implications



Companies involved in EU Green Agenda projects for Western Balkans are more likely to engage in ESG reporting



Companies with EU ownership are also more likely to engage with several ESG reporting



Companies with UK ownership are only more likely to focus solely on Governance reporting as opposed to Environmental or Social reporting..

