

Biography

Martina Macpherson

Partner, SI Partners & President, Network for Sustainable Financial Markets



Martina Macpherson is a partner at SI Partners, an independent consulting firm specializing in Climate Risk and ESG / SDG advisory, research, products, investment content, and engagement services - with over 17 years of experience in consulting, asset management, banking and financial services.

She is a writer, (academic) lecturer and presenter on sustainable investment and green finance themes and contributes regularly to industry and academic publications. Most recently, she contributed to PLSA's Guide on Climate Action for Asset Owners, Sustainable Stock Exchanges' and City of London's taskforce reports on green finance and policy recommendations. She is now involved in an European Capital Markets Institute (Brussels) working group to define ESG in strategic asset allocation, in the IMF/IIF's sustainable finance working group (Washington) in the global consultation for the World Benchmarking Alliance (UK, FR, NL, DK) to establish investable SDG benchmarks.

Martina is a visiting fellow at Henley Business School and a guest lecturer at University of Zurich. She also teaches and trains industry professionals in sustainable finance, thematic investing, governance and disclosure and regulation (e.g. FCA, UKIFC, CRMP UK, ICAEW, IR Society).

In 2014, Martina founded her own ESG strategy consulting firm, SI Partners, and held a range of senior global research, product and business development roles. Most recently, she was head of ESG indices at S&P Dow Jones Indices and led the development of ESG assessments for S&P Global Ratings, the world's leading credit rating agency.

Earlier in her career, she worked on ESG research, analytics and engagement projects for Hermes EOS, MSCI ESG Research and on investment strategy for Lloyds Banking Group/Insight Investment, RBS Asset Management, F&C (BMO) and Deutsche Bank.

Martina is President of the Global Network for Sustainable Financial Markets, a former chair of the NED board - and nowadays a mentor - at the Global Thinkers Forum (GTF). She also sits on UKSIF's analyst committee board, Sedex' Advisory Committee, is a member of WE – Women in ETF, and acted as an observer at ICMA – The Green Bond Principles. In addition, she is a member of the Institute of Directors, an affiliate member of ICSA: The Governance Institute and an alumni fellow of the German National Academic Foundation.

ESG Impact Indicators across Frameworks

ESG Pillars	Indicators	Sub-Indicators
E	Climate	MITIGATION_GHG_REDUCTION
E	Climate	MITIGATION_GHG_SEQUESTRATION
E	Climate	ADAPTATION_RISK_MAPPING
E	Climate	ADAPTATION_RISK_MANAGEMENT
E	Biodiversity	IMPACT_SPECIES
E	Biodiversity	IMPACT_HABITAT
E	Biodiversity	IMPACT_GENETIC_RESOURCES
E	Biodiversity	IMPACT_PROTECTEDAREAS
E	Water	USAGE_INTAKE
E	Water	WATER_EFFICIENCY
E	Water	WATER_CONTAMINATION
E	Water	WATER_AVAILABILITY
E	Water	WATER_RIGHTS
E	Pollution	AIR_POLLUTION_NOX_SOX_O3
E	Pollution	WASTE_MANAGEMENT
E	Land/Seascape (For./Ag./Fish.)	FORESTRY_SUST_PRODUCTION
E	Land/Seascape (For./Ag./Fish.)	FORESTRY_INTENSIFICATION
E	Land/Seascape (For./Ag./Fish.)	AG_LAND_USE
E	Land/Seascape (For./Ag./Fish.)	AG_SOIL_HEALTH
E	Land/Seascape (For./Ag./Fish.)	SUSTAINABLE_FISHING
E	Land/Seascape (For./Ag./Fish.)	SUSTAINABLE_FISH_FARMING
E	Resource Scarcity	NATURAL_RESOURCE_DEPLETION_EX_WATER
E	Renewable Resources & Low Carbon Tech	CLEANTECH_SOLAR_WIND_BIOMASS_HYDRO_TIDAL
E	Renewable Resources & Low Carbon Tech	BATTERY_STORAGE
E	Renewable Resources & Low Carbon Tech	ELECTRIC_VEHICLES
E	Renewable Resources & Low Carbon Tech	PULP_PAPER
E	Renewable Resources & Low Carbon Tech	RENEWABLE_FUEL
E	Renewable Resources & Low Carbon Tech	FEEDSTOCK_USE_FOR_ENERGY
E	Renewable Resources & Low Carbon Tech	GREEN_BUILDINGS
S	Social development	COMMUNITY_INVESTMENT_FOOD
S	Social development	COMMUNITY_INVESTMENT_ED_TRAINING
S	Social development	COMMUNITY_INVESTMENT_OTHER
S	Infra – access to IT, transport	FACILITATE_ACCESS_WATER
S	Infra – access to IT, transport	FACILITATE_ACCESS_ENERGY
S	Infra – access to IT, transport	FACILITATE_ACCESS_TRANSPORTATION
S	Infra – access to IT, transport	FACILITATE_ACCESS_HOUSING
S	Infra – access to IT, transport	FACILITATE_ACCESS_COMM_IT
S	Infra – access to IT, transport	FACILITATE_ACCESS_WASTE
S	Services – social provision	FACILITATE_ACCESS_HEALTH
S	Services – social provision	FACILITATE_ACCESS_EDUCATION
S	Services – social provision	FACILITATE_ACCESS_FINANCIAL_SERVICES
S	Operational Efficiency	ENERGY_USE_AND_FLEET_MANAGEMENT
S	Data Security	DATA_SECURITY_AND_CYBER_RISK
S	Data Security	DATA_PRIVACY
S	Health and Safety	HEALTH_AND_SAFETY_COMPANY
S	Health and Safety	HEALTH_SAFETY_PROTECTION_CUSTOMERS
S	Community & Labor relations	HUMAN_RIGHTS_AND_RIGHTS_OF_INDIGENOUS_PEOPLE
S	Community & Labor relations	LABOR_RELATIONS
S	Community & Labor relations	EQUAL_PAY
S	Community & Labor relations	HUMAN_CAPITAL_DEVELOPMENT_RETENTION_RECRUITMENT
S	Diversity (ethnic/gender)	GENDER_DIVERSITY
S	Diversity (ethnic/gender)	ETHNIC_DIVERSITY
G	Governance	CORPORATE_GOVERNANCE / BOARD
G	Governance	BUSINESS_ETHICS_CORRUPTION_FRAUD
G	Governance	ANTI_COMPETITIVE_PRACTICES
G	Governance	EXCESSIVE_PAY

Types of Frameworks / Taxonomies:

Normative Frameworks

- Principles (e.g. UNGC, Ruggie, Equator Principles)
- Standards (e.g. ISO)
- Guidelines (e.g. OECD, IFC)
- Goals (e.g. SDGs)
- Declarations (e.g. Human Rights)
- Conventions

Legislative Frameworks

- (EU) Directives
- National Law

Reporting Frameworks

- IIRC
- GRI
- SASB

Use Cases for ESG Assessments:

- Corp. Entities
- Projects / SVPs & Green Finance
- Sanctions
-