

CO₂ and Environmental Concept Expert

The CO₂ and Environmental Concept Expert is a sustainability-driven professional in the automotive sector who develops and implements strategies to reduce the environmental impact of products, processes, and organisations. Their work focuses on evaluating regulatory compliance, conducting life cycle assessments, promoting sustainable sourcing, and advising on the integration of circular economy principles. These experts support innovation by identifying environmentally sound technologies and providing guidance on climate-related performance improvements.

Main responsibilities include researching environmental trends, analysing regulatory frameworks, supporting internal reporting and compliance, and raising awareness among stakeholders. Their work is multidisciplinary and cross-functional, requiring knowledge of environmental science, regulation, data management, and sustainable business models.

These experts contribute to corporate environmental strategies that align with public perception, climate goals, and evolving customer expectations.

ESCO Mapping

<https://esco.ec.europa.eu/select-language?destination=/node/1>

ID	NAME	Concept URI
2143.2	Environmental Expert	http://data.europa.eu/esco/occupation/a7358961-46d4-4715-ac1e-6148fd042510

Context

EQF Level	7
Departments	Sustainability

Green Competences

ID	Name	Type	Description	Level	ESCO
C0 28	Sustainability	Knowledge	Describe strategies to meet current needs without compromising future generations. ▪ Evaluate social, environmental, and economic impacts of policies. ▪ Explain circular economy and sustainable sourcing principles. ▪ Advise on resource efficiency improvements. ▪ Integrate sustainability into corporate strategies.	3	Link
C0 24	Environmental regulations	Knowledge	Explain laws and policies governing environmental impact. ▪ Interpret EU directives and national regulations. ▪ Explain implications for industry practices. ▪ Analyse compliance gaps. ▪ Recommend adaptations to evolving standards.	2	Link
C0 29	Promote environmental awareness	Skill	Promote sustainable practices and environmental responsibility. ▪ Communicate the environmental impact of operations. ▪ Advise on carbon footprint reduction. ▪ Deliver training on eco-conscious practices. ▪ Engage stakeholders in sustainability efforts.	2	Link

Digital Competences

ID	Name	Type	Description	Level	ESCO
C0 94	Use environmental data tools	Skill	Use digital systems to analyse, track and report environmental indicators. ▪ Operate tools for emission reporting. ▪ Integrate databases with sustainability dashboards. ▪ Analyse trends using digital platforms. ▪ Support compliance with digital traceability.	2	

Soft Skills

ID	Name	Type	Description	Level	ESCO
C1 46	Adapt to changing requirements	Skill	Adjust to changing regulations, technologies, or environmental goals. ▪ Integrate new sustainability requirements. ▪ Shift project focus based on emerging climate targets. ▪ Quickly adopt new reporting tools. ▪ Remain agile in stakeholder communications.	2	Link
C1 47	Communicate across disciplines	Skill	Collaborate effectively with technical, legal, and business teams on environmental topics. ▪ Translate regulatory and environmental data for non-experts. ▪ Support sustainability across departments. ▪ Lead discussions with external partners. Prepare clear reports and recommendations.	2	

Sector Specific

ID	Name	Type	Description	Level	ESCO
C2 63	Conduct life cycle assessment	Skill	Evaluate environmental impacts of a product/service across its lifecycle. ▪ Conduct LCA from design to end-of-life. ▪ Recommend eco-design improvements. ▪ Integrate LCA findings into reporting. ▪ Advise on circular value chain strategies.	3	Link