

Sustainable Development Goals (SDG) Statement

Name Shruti Dubey
ID i6371545
Supervisor ÖzgeTüncel
Date 19th June 2025

Through the research conducted for this master's thesis, I seek to contribute to one or more of the 17 SDG(s) set forth by the United Nations (<https://www.undp.org/sustainable-development-goals>). Specifically:



SDG Code(s): 7, 12, and 13

Explanation (max. 300 words): My thesis "From Barriers to Breakthrough: How Middle Management Shapes Sustainable Innovation in Disruptive Industries" directly emphasizes on 7 (Affordable and Clean Energy), 12 (Responsible Consumption and Production), and 13 (Climate Action) by exploring the role of middle managers in operationalizing sustainability within the two industries that focuses on global sustainability transitions namely the clean energy and cultured meat sectors. By focusing on clean energy, my research supports SDG 7 by unravelling how middle managers drive improvements in energy efficiency, material innovation, and process optimization, thus facilitating the broader adoption of renewable technologies and abandoning conventional ways to produce energy. Through, in-depth interviews, I found that managers in clean energy firms focuses recyclable materials, efficient production processes, and strategic partnerships to enhance market reach and regulatory compliance which are necessary for making clean energy accessible and affordable.

For SDG 12, my thesis emphasizes how both sectors implement responsible consumption and production practices. Clean energy managers prioritizes waste

minimization and sustainable supply chains whereas cultured meat managers emphasize on resource reduction intensity and innovation in growth media to minimize environmental effect. By saving hundreds and thousands of cows currently, they are highlighting SDG 12.

Finally, SDG 13 is highlighted through the role of middle management in translating climate strategies into action-clean energy managers scale up renewable infrastructure to cut emissions, while cultured mean managers address consumer scepticism to accelerate market adoption. By bridging strategic vision and operational execution, middle managers foster innovation, internal alignment, and external partnerships, thereby accelerating decarbonization and supporting climate resilience. Collectively. My thesis provides actionable frameworks and comparative insights that empower organisations to overcome sector-specific barriers, embed sustainability into core operations and make tangible progress toward the SDGs especially in sustainable and disruptive industries.