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MILANO 1863

DIPARTIMENTO DI
INGEGNERIA GESTIONALE

DIG PhD scholarship

Title	Green Supply Chain Management and Supply Chain Risk Management: understanding the relationship and framing synergistic Supply Chain Design strategies
Theme	<p>Green Supply Chain Management (GSCM) and Supply Chain Risk Management (SCRM) are arguably two of the trendiest topics after the COVID-19 pandemics hit every company. Yet, for different reasons. Before the pandemics, GSCM was a very well established discipline, trying to highlight strategies and practices that could enable to improve both environmental and economic performance, at a supply chain level; on the other hand, SCRM was still a relatively young discipline, often more focused onto formal aspects (e.g., connected to the need for standard compliance) than substantial ones. Then something happened: the pandemics has changed the status quo, and companies can no longer stand a load of chronic risks in a significantly riskier “new normal” context, whilst the environmental performance has been sacrificed for a while to support an innatural economic growth to recover.</p> <p>This current situation cannot be endured for long, but GSCM will have to live with a new buddy: SCRM. Yet, both SCRM and GSCM need some SC strategic decision – specifically, Supply Chain Design (SCD) decisions – that might be contrasting, or at least disconnected. How can they actually be strategically addressed at a SCD phase so as to be synergistic? And how is this then depolyed in different contexts?</p> <p>Appropriate research should be then conducted, to investigate the roles and the strategies of SCRM and GSCM and their relationship, everything in the view of a synergistic Supply Chain Design. As a result, viable joint strategies and deployment will be identified and discussed.</p> <p>Methodologically speaking, the research will be developed by means of multiple methodologies: among the likely ones, literature review, multiple-case study, focus groups, delphi study.</p>
DIG professors involved	Guido Micheli, Enrico Cagno
International collaborations	NTNU (Norway), Aston University (UK), Warwick University (UK), Michigan State University (USA), University Technology Sydney (Australia)