



"Industria y logística para el desarrollo"

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RESEARCH OPPORTUNITIES WITHIN CORPORATE SUSTAINABILITY: FROM GREEN SUPPLY CHAIN TO CIRCULAR ECONOMY

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Supply Chains

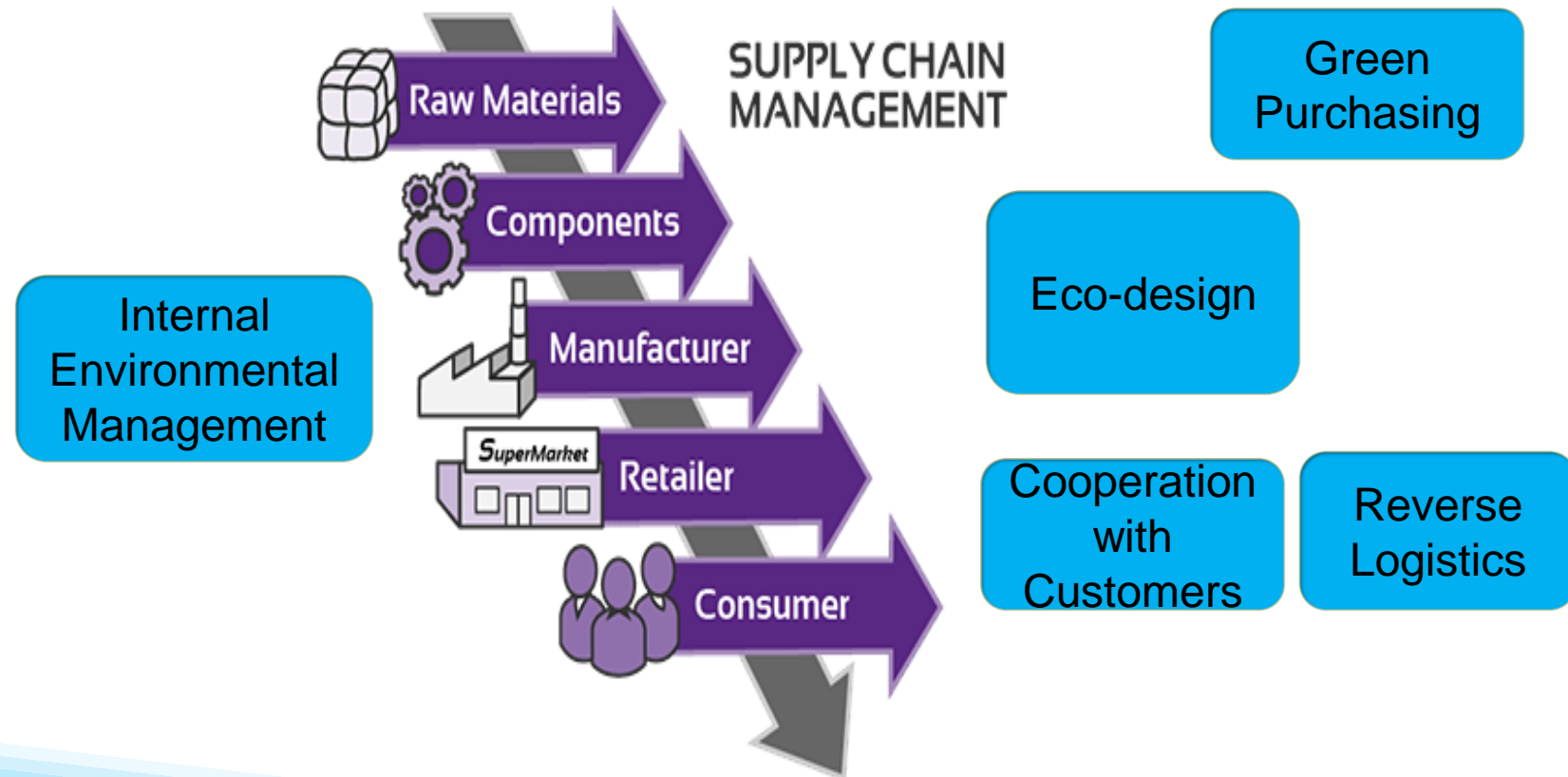
SHORT – BIO

Beatriz is an international scholar (worked in Brazil and the UK, and works in France), who teaches and mentors MSc and PhD students, and researches in the field of sustainable operations management and supply chain management.



Beatriz has acted as co-editor of Latin American Journal of Management for Sustainable Development (Inderscience) and an associate editor of Gestao & Producao (SciELO). She has published more than 70 articles indexed to Scopus, which include publication within the journals: **European Journal of Operational Research, International Journal of Production Economics, International Journal of Production Research, Annals of Operations Research, Production Planning & Control, and Supply Chain Management: An International Journal.**

What and how would it be an environmentally-friendly supply chain?



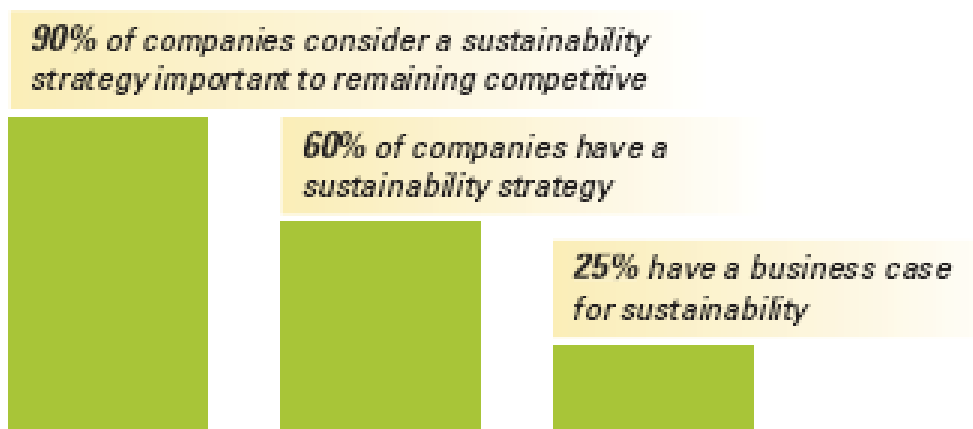
Have organisations considered 'sustainability' within their operations' decisions?

MIT Sloan
Management Review
BCG

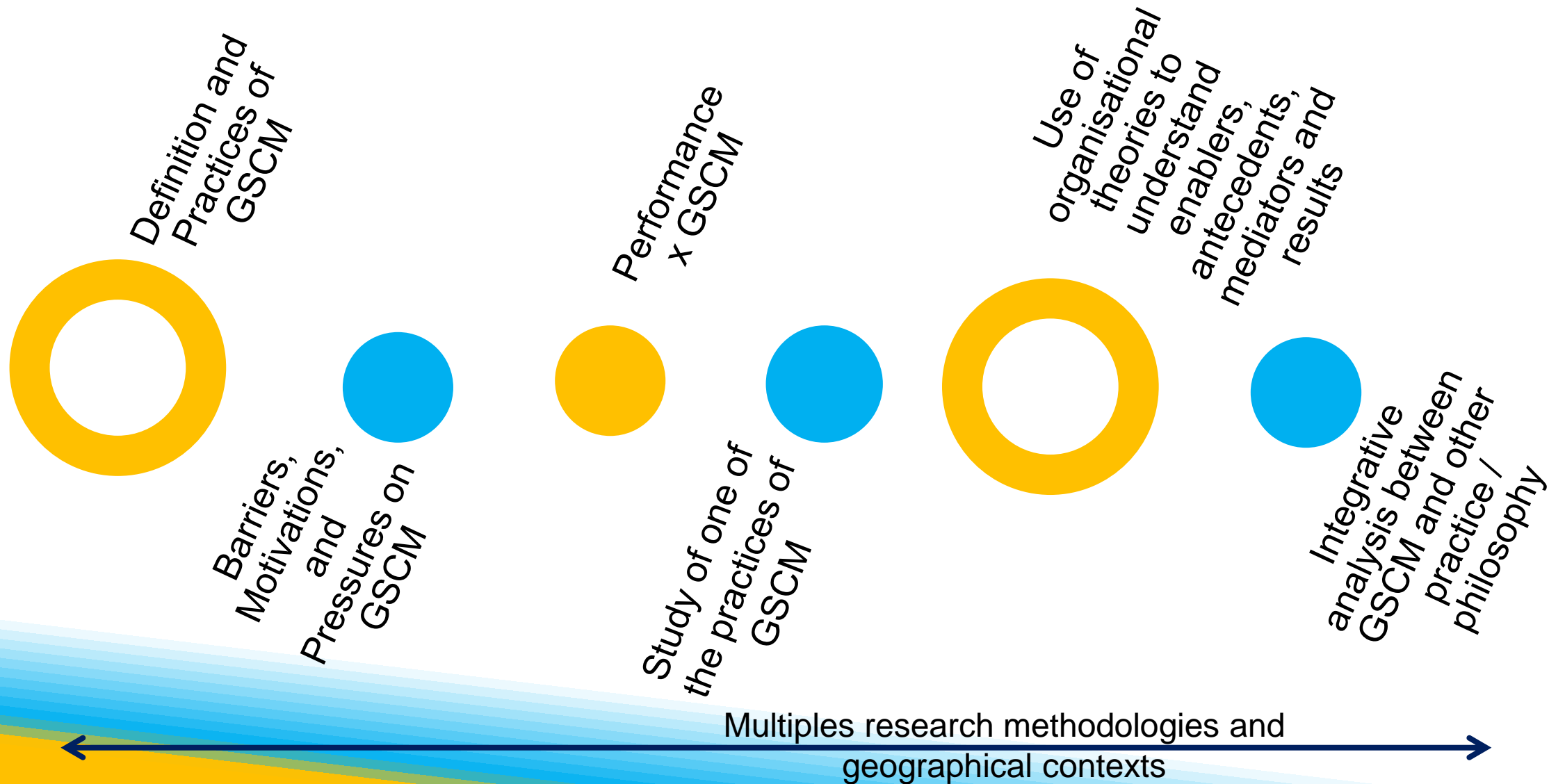
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FIGURE 1: THE IMPORTANCE OF A SUSTAINABILITY STRATEGY

Ninety percent of respondents see sustainability as important, but only 25% have developed a positive business case.



Research topics on GSCM over Time

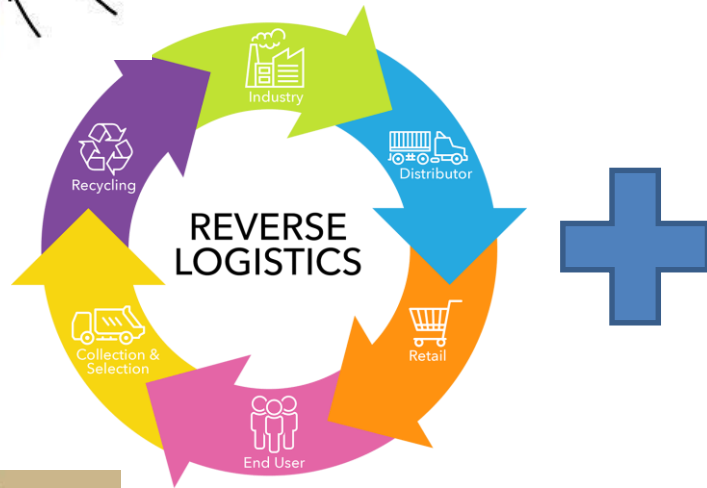


Future Research Opportunities within GSCM Theme



- ✓ Suppliers evaluation beyond the second tiers
- ✓ Implications of ISO 20400:2017 (*Sustainable procurement*) for green purchasing practices (e.g. selection, evaluation, relationships with supplier)

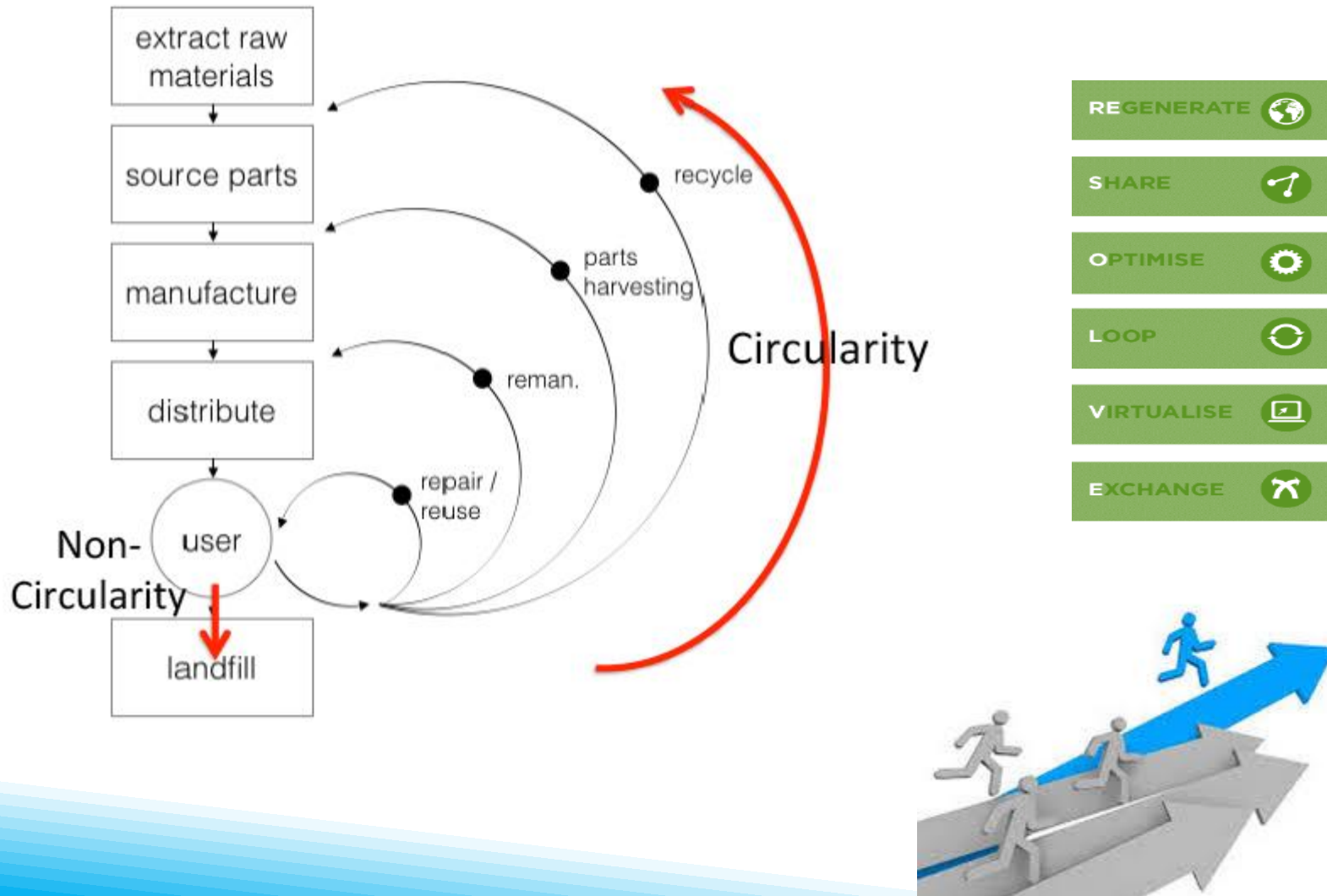
Future Research Opportunities within GSCM Theme



- ✓ Use of digital technologies to engage customers in reverse logistics initiatives (e.g. recovery of post-consumption products)
- ✓ Opportunities and challenges of smart products to enable closed-loop supply chains (e.g. product passport – The EU)
- ✓ Applications of digital technologies to engage consumers in eco-design (e.g. monitoring of consumption profile - IoT)



Future Research Opportunities within GSCM Theme



- ✓ Analysis of the implications, barriers and motivations of new business models created by the circular economy (e.g. focus on services instead of producing mainly products, rental vs sale of products, data sharing, digital security)
- ✓ Use of digital technologies to adopt circular economy initiatives (e.g. prolonged maintenance, replacement of components by using sensors, online connection between supply and demand)

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