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Impacts from marine litter, including plastic litter, are currently not included in life cycle impact assessment, as highlighted in the Medellin declaration (Sonnemann et Valdivia, 2017). This working group will foster and coordinate research on marine impacts in LCA, supported by UN Environment Life Cycle Initiative as well as Forum for Sustainability through Life Cycle Innovation (FSLCI). It is structured as per Fig. 1. Founded in late 2018, it proposes three main phases, as shown in Fig. 2.

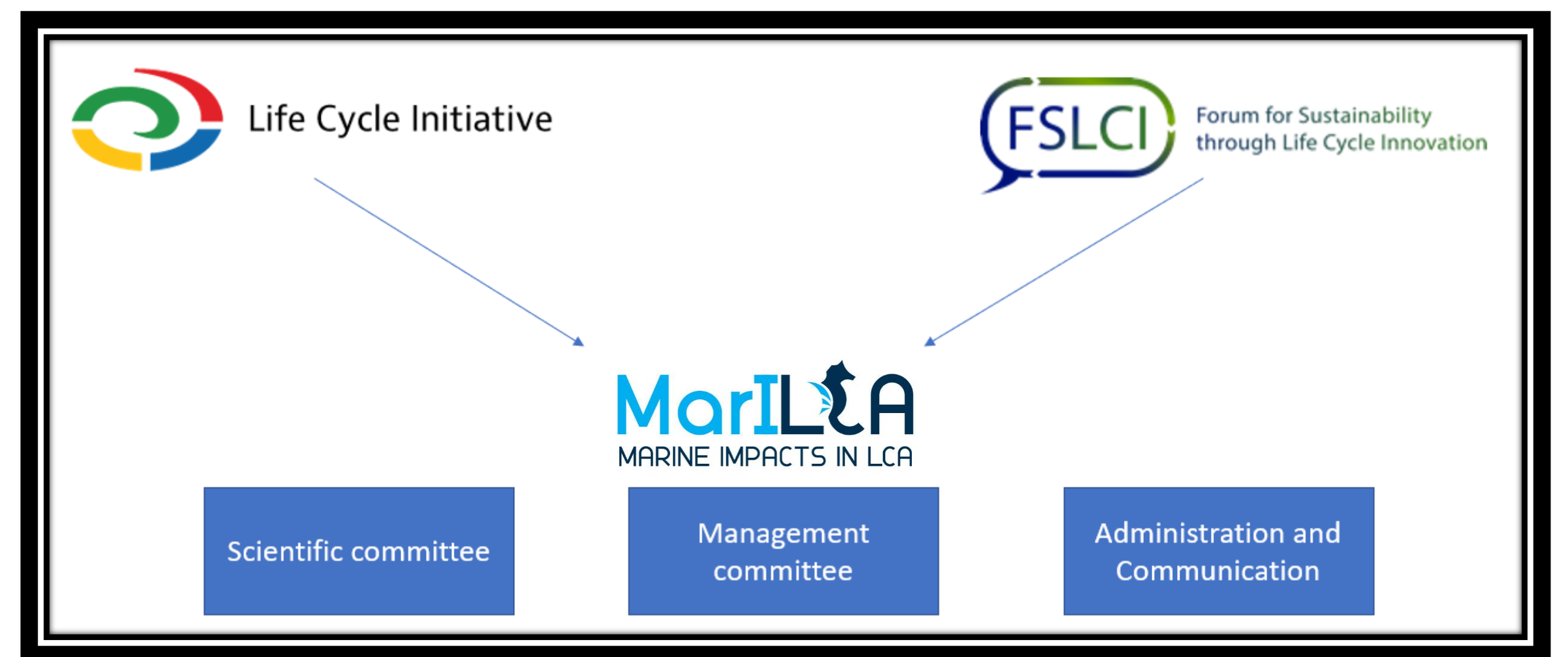


Fig.1 Governance and structure of MARILCA

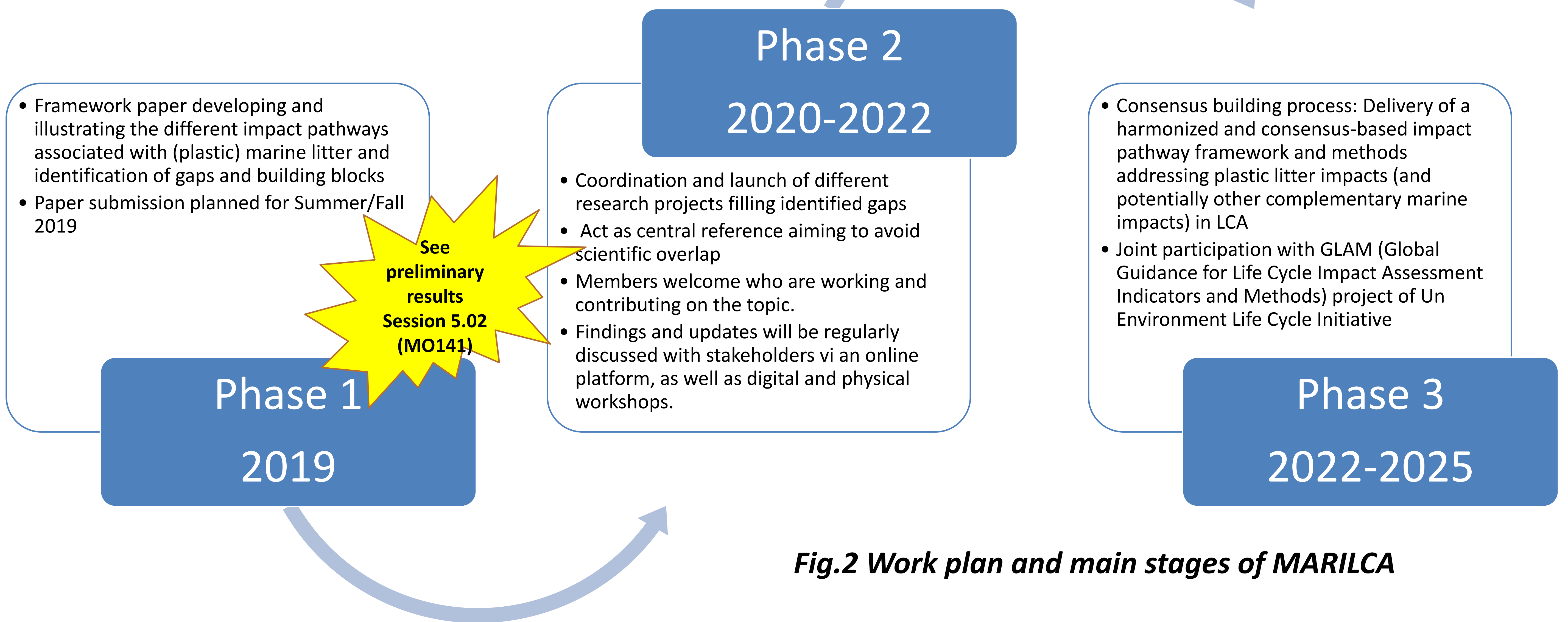


Fig.2 Work plan and main stages of MARILCA

COMMUNICATION: Information and updates will be made available on www.marilca.org. A discussion board will be held on the FSLCI platform. Webinars will be held to disseminate results. Participation/interest form can be completed on the webpage.

CONCLUSION: This project will allow, in the short-term, to coordinate and encourage the harmonious development of impact assessment methods, and, in the longer term, to integrate the marine impacts in LCA, including those from plastic litter, in a consistent approach that is compatible with the LCIA framework.

Reference: Sonnemann, G. et Valdivia, S. (2017). *Medellin Declaration on Marine Litter in Life Cycle Assessment and Management: Facilitated by the Forum for Sustainability through Life Cycle Innovation (FSLCI) in close cooperation with La Red Iberoamericana de Ciclo de Vida (RICV) on Wednesday 14 of June 2017. The International Journal of Life Cycle Assessment, 22(10), 1637-1639.*



Life Cycle Initiative



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