

TRACK INFORMATION

Title: Regulations, Standardization and IP management in sustainable open innovation

Outline (max. 300 words):

This track is intended to contribute to the discussion on how regulations, standards and intellectual property (IP) management interact in the implementation of successful sustainable open innovation practices.

Led by the historical evolution of technological progress, innovation often occurs as a result of the interaction between phases and actors, which is conceptualized within the open innovation literature. Such practices can be affected by different types of policy measures. Moreover, IP rights (IPR) are generally designed to exclude others from using a firm's ideas and inventions. Thus, at first glance open innovation and IPR protection seem irreconcilable. Therefore, a relevant gap lays on how firms have handled these issues and transitioned to the open innovation (Holgersson and Granstrand, 2022; Zobel et al., 2016).

Furthermore, standards are technical specifications conceived to serve as guidelines for best practices, and some of them are certifiable such as ISO 9001, ISO 14001 or ISO 56002 standards for quality, environmental and innovation management systems. Nonetheless, the discussion on how standards promote or hinder innovation (Hernandez-Vivanco et al., 2018; Hernandez-Vivanco and Bernardo, 2022), and also their role in open innovation and IP management (Blind et al., 2022; Zhang et al., 2020), is still under development.

Considering this scenario, and tackling the need to contribute to sustainable development in line with the Quintuple Helix model, we invite to submit both theoretical and empirical papers that address this debate on topics that include, but are not limited to:

- Innovation systems, and Triple, Quadruple or Quintuple Helix models
- IPR and standards as determinants of sustainable innovation
- The complementarities of IPR and standards with sustainable open innovation
- Open innovation and innovation in regulated sectors
- Regional consequences on the application of standards and regulations

References

Blind, K., Krieger, B., Pellens, M.. (2022). The interplay between product innovation, publishing, patenting and developing standards. *Res Policy* 51, 104556. <https://doi.org/10.1016/j.respol.2022.104556>

Hernandez-Vivanco, A., Bernardo, M. (2022). Are certified firms more prone to eco-product innovation? The moderating role of slack resources *Journal of Cleaner Production*, 377, 134364. <https://doi.org/10.1016/j.jclepro.2022.134364>

Hernandez-Vivanco, A., Bernardo, M., Cruz-Cázares, C. (2018b). Sustainable innovation through management systems integration. *Journal of Cleaner Production*, 196, 1176-1187. <https://doi.org/10.1016/j.jclepro.2022.134364>

Holgersson, M. and Granstrand, O. (2022), Value capture in open innovation markets: the role of patent rights for innovation appropriation, *European Journal of Innovation Management*, 25 (6), 320-339. <https://doi.org/10.1108/EJIM-02-2021-0114>

Zhang, M., Wang, Y., Zhao, Q. (2020). Does participating in the standards-setting process promote innovation? Evidence from China. *China Economic Review* 63, 101532. <https://doi.org/10.1016/j.chieco.2020.101532>

Zobel, A.-K., Balsmeier, B., Chesbrough, H. (2016). Does patenting help or hinder open innovation? Evidence from new entrants in the solar industry. *Industrial and Corporate Change* 25, 307–331. <https://doi.org/10.1093/icc/dtw005>

Indicate a maximum of 5 key topics to be addressed in the track:

Sustainable open innovation; Sustainable innovation; Intellectual Property; Standards; Regulations

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Is the Track part of a Special Issue? If so, please, indicate:

Journal:

Title of the Special Issue:

Key dates: