

Full Name: **Francesco Carollo**

Member of the **Association Luxembourgeoise pour les Nations Unies**

Recent studies have emphasized a concentrated geographic distribution in the emergence of new technologies, particularly notable for disruptive innovations. While this concentration gradually diminishes as technologies mature and job opportunities expand, the diffusion-process is extremely slow, often taking 50 years. As a consequence, regions that serve as pioneers in technology development retain a long-term advantage, maintaining control over the technology's R&D-potential for extended periods. However, this disparity in technology access hampers the ability of many regions to effectively address the challenges outlined in the SDGs. Despite the overarching goal of advancing sustainable development globally, funding partnerships often encounter obstacles due to prioritization of factors such as political capital and risk by grant funders and investors, rather than focusing on achieving tangible impact. To address this disparity and foster robust funding for SDG-related research and innovation, it is imperative to bolster collaboration and knowledge-sharing among nations, with a focus on identifying and financing the most impactful yet carefully chosen technologies. Harnessing current partnerships while creating collaborative platforms can streamline the mobilization of resources, transfer of technology, and efforts to build capacity, thereby guaranteeing fair access to innovations and advancing sustainable development across regions.