

## **P26 - Steering the Green Transition: STI Policy for Sustainable Innovation**

### 10. TECHNOLOGY and INNOVATION POLICY

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**Track summary:** In light of escalating global concerns regarding biodiversity loss, environmental degradation, and the imperative for sustainable development, this conference track delves into the pivotal role of STI policies. These issues transcend environmental boundaries, profoundly impacting economies, societies, and ethical obligations. Nevertheless, the relationship between STI policies and socio-technical transitions remains inadequately explored, necessitating a harmonization of policy, innovation, and R&D literature to navigate the sustainability transition effectively. This conference track unites a diverse audience in the exploration of innovative STI policies and their potential to reshape R&D management to support ambitious endeavors. Both conceptual and empirical papers are welcomed. Themes examples are:

1. **STI Strategies for Sustainable Development and Biodiversity Conservation:** Investigating how STI strategies, tools, and approaches advance the sustainable biodiversity moonshot agenda, with a focus on the roles of digital innovation, biotechnology, and data-driven approaches.
2. **Policy Frameworks and Governance Models:** Exploring the design of STI policy frameworks that foster collaboration, ensure ethical research practices, and promote sustainable innovation.
3. **R&D Management and the Green Challenge:** Analyzing how organizations and industries adapt R&D strategies to align with green challenges and the role of STI policy in this transformation.
4. **Capacity Building and Skills:** Examining the roles of education, skill development, and capacity building in preparing the workforce for the green transition, with a focus on how STI policy can address these imperatives.
5. **Local vs. Global Impacts of STI Policy:** Evaluating the spatial and global implications of STI policies on biodiversity preservation and the green transition, encompassing both local and international contexts