

Launching of the TEC compilation of good practices and lessons learned

The Technology Executive Committee (TEC) and [Future Cleantech Architects](#) (FCA) co-host a [launching event](#) on 23 April 2021 for the TEC [compilation of good practices and lessons learned on international collaborative Research development and demonstration \(RD&D\)](#).

The publication is part of the TEC mandate to foster technological innovation through new collaborative approaches to climate technology research, development and demonstration (RD&D). The RD&D compilation of best practices focuses on bilateral and multilateral projects and programmes in Asia and the Pacific, Africa, Latin America and the Caribbean, Europe and North America.

Opening the event, moderator Peter Schniering, founder of Future Cleantech Architects, welcomed the participant. Introducing the publication and highlighting the importance and need of RD&D in climate technology, Peter said, *"The RD&D best practices compilation confirms a thesis we have repeatedly made in our work on high-impact innovation to combat climate change. It takes public-private consortia, a high level of ambition and consistent project controlling across innovation stages. Moreover, no region or nation can go through this alone. Cross-border collaboration is essential."*

Stephen Minas, the TEC Chair, presented the key findings of the publication. The compilation includes analysis of representative cases from a broad set of case studies. Only a limited number of initiatives are engaged in the implementation of RD&D and even fewer initiatives concern adaptation. Highlighting the key findings from the publication, Stephen stressed the importance of local presence and capacity building and the need for independent assessment and evaluation.

The Expert panelists representing national government, research organizations, and private sectors shared their experience, providing a very well-rounded conversation on the roles of key stakeholders in supporting and promoting international RD&D of climate technologies.

Javiera Aldunate Bengolea, Ministry of Energy, Chile, acknowledged the publication's key findings and underlined the importance of diversity, information transfer, and interdisciplinarity perspective in RD&D collaboration. Providing developing country context, Javiera pointed the importance of the alliance with a specific organization. *"Chile has worked in alliance with various stakeholders. Working in collaboration with Mission Innovation has been a key factor for Chile. This has helped us identify the areas to advance and those where we can contribute,"* Javiera said.

Abhishek Malhotra, Indian Institute of Technology, Dehli, India highlighted the need for capacity building in collaborative RD&D. *Engaging in international collaborative RD&D is essential for developing countries not only in terms of immediate technology outcomes but because it also helps have long term and systemic perspective towards building institutional capacity and processes that maximize the benefits generated by collaborative RD&D"* said Abhishek

Renate Krammer, Uniper, Germany emphasized findings of the publication that the private sector's involvement in the early stages of the technology cycle is limited. *"It is difficult to draw investment in asset heavy development due to gap between the innovation cycle and investment cycle, but the wind is changing for better. Large international funds are investing from the early-stage development."*, said Renate.

Stephen Minas reiterated the importance of data in RD&D, data sharing, governance. He also echoed the need for private sector participation in RD&D. *"There has been such tremendous progress in renewables in recent years. As the target becomes more ambitious, then every incremental percentage of abatement gets harder. Then RD&D has to reach further into the difficult area. That is why collaboration is so important"*, said Stephen Minas, Chair of the TEC.

Peter shared the [comprehensive survey findings](#) recently conducted by the FCA on the future needs of cleantech R&D, with structured feedback from 114 expert participants worldwide.

Further information on the TEC launch event available on the [event page](#) and the publication is available at the [United Nations climate technology website, TT: CLEAR](#)