a Results-based Management System with support from the Caribbean Development Bank to guide systematic data collection, analysis and use, as well as reporting on progress towards regional integration and development.

With innovative firms in need of systemic, sustained support, Jamaica’s new programme for Boosting Innovation, Growth and an Entrepreneurship Ecosystem could serve as a model for the region.

During the commodities boom, investment in Latin America (chapter 7) was channelled mainly towards economic expansion, rather than towards reinforcing existing infrastructure or supporting innovation and risk-taking.

The end of the commodities boom has, consequently, ushered in a period of stagnant economic growth, coupled with a drop in research intensity among the regional heavyweights of Argentina and Mexico.

The concept of an innovation system is now widely incorporated into STI policies. However, demand for knowledge in the productive sector remains weak. Latin American companies operating in more than one country (*multilatinas*) are playing a greater role than previously but are not closely connected to national innovation systems. Multinationals with subsidiaries in the region tend to utilize existing knowledge rather than engage in local research.

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**Figure 1.15: Trends in scientific publishing on materials science**

*Share of global publications on materials science, 2011, 2015 and 2019 (%)*

Among countries contributing to at least 1% in 2019; data labels are for 2019

*The European Union contributed to 19.3% of publications on materials science in 2019.*

*Top 15 countries for growth rate in scientific publishing on materials science, 2012–2019*

Among countries with at least 500 publications, arranged by volume

Note: The growth rate is calculated as the number of publications from 2016–2019 divided by the number of publications from 2012–2015. UAE stands for United Arab Emirates.

Source: Scopus (Elsevier), excluding Arts, Humanities and Social sciences; data treatment by Science-Metrix

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