

address the needs of industry and also transferred or disseminated to the productive sectors. Unfortunately, in many African countries the educational curriculum is not geared towards addressing the challenges facing industries, resulting in a mismatch between university output and the labour demands of the private sector. One way to reduce this mismatch and make the growth process more inclusive is to develop effective linkages between institutions of higher learning and the industrial sector in Africa, through for example appointing Chief Executive Officers of strategic industries to sit on the boards of universities. This would encourage university administrators to involve the private sector in the design of education curricula in universities. It would also enhance the likelihood that university graduates have the skills they need to access and participate in the labour market. Governments can also incentivise industries to collaborate with universities through, for instance, providing enterprises that enter into such partnerships with grants for joint research.

Enhance implementation of existing STI policies

A major challenge facing African countries is the lack of full implementation of policies and plans at both the national and continental levels. As indicated earlier, many countries have developed an STI policy document over the past decade. Yet, some of these policies have not been implemented. In Lesotho, for instance, several of the policies contained in the National Science and Technology Policy for 2006-2011 have not been implemented. Similarly, in Malawi, the Science and Technology policy framework revised and adopted in 2002 has not been fully implemented (UNESCO 2015). These facts underscore the need for African policymakers to pay more attention to implementation of policies than in the past. Some of the measures they can take to enhance implementation of policies include: developing an implementation plan for STI policies; prioritizing data collection and introducing a monitoring and evaluation system; and making appropriate pro

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