



# Technology Planning and Technological Governance in Africa

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## Resolutions and Major Recommendations

- Conduct African S&T strengths, weakness, opportunities and threats (SWOT) study;
- Develop and implement a sub-region technology planning and governance strategies;
- Develop and implement an on-line training platform on technology planning and technology governance for policy makers and other stakeholders;
- Institute a legal and policy reform, including legal training to explicitly address S&T governance in countries;
- Establish institutional structures for technology governance;
- Adopt a sector-wide approach for technology governance in which all core sectors/stakeholders agree on roles and responsibilities in technological governance;
- Establish a national institutional framework to monitor, harness, and supplement initiatives, strategies and programme that support more effective development, use and diffusion of technology throughout the economy;
- Establish a national technology and economic planning committee;
- Promote Technology, Innovation and Transfer Agency to harness the potential of indigenous knowledge and support community-based (home grown) innovations and to ensure that fair regulations are adopted and equitable agreements reached;
- Develop a dynamic multi-stakeholder dialogue process to identify and agree on the challenges to be addresses and draw up and action plan with drivers at leadership level;
- Undertake study and publish : “Capable State of Governance in Africa and lessons from elsewhere: Challenges and opportunities”.
- Strengthen the Institutional and effectiveness of the Pan-African Intellectual Property Rights Issues (IPR) for the continent;
- Identify the national System of Innovation (NSI) with respect to technological governance, isolate the governing stakes (government and non-government) and forge links/interactions to make it functional.

## Actions needed



- Enhance awareness among policy makers and planning institutions of the need to subject FDI to comprehensive technologization criteria
- Assess and evaluate investment proposals and feasibility studies against a set of technologization targets
- Establish a robust monitoring system to ascertain if technological targets are being realized
- Train technical personnel and build capacity of institutions in S&T policy matters to ensure implementation, enforcement, and compliance of technologization
- Devise ways and means to reverse the general tendency to cede too much control to overseas contractors
- Ensure that investors sign a technologization quality control and assurance form as evidence of both their technological commitments and expectations
- Consider a high level APEX body preferably under the Presidency to provide leadership and oversight (planning, monitoring, and coordination) on all matters with STI;