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IDRC GRANT / SUBVENTION DU CRDI : - STRENGTHENING THE CAPACITY OF AFRICA'S SCIENCE GRANTING COUNCILS IN THE USE OF EVIDENCE IN POLICY AND DECISION-MAKING

STEEP ANALYSIS

A STEEP analysis is a widely used strategic planning technique, also known as PESTLE (political, economic, social, technological, legal

and environmental) analysis. In the policy context, a STEEP analysis aims to understand the external or

Aim: Develop an in-depth understanding of current trends, barriers and drivers of a selected policy

Refer to this Evi-Pol resource for more information on why, when and how to conduct a STEEP analysis using this template: Petersen, I. 2023. A toolkit for the systemic review of science, technology, and innovation policy.

What is included here:

1. Template 1 STEEP Analysis
2. Guiding questions for completing the template (i.e. Template 1 STEEP Analysis)

Note:

This template is based on the following:

1. Miedzinski, M., Mazzucato, M. and Ekins, P. 2019. A framework for mission-oriented innovation policy roadmapping for the SDGs: The case of plastic-free oceans. UCL Institute for Innovation and Public Purpose,
2. De Vicente Lopez, J., and Matti, C. 2016. Visual toolbox for system innovation. A resource book for practitioners to map, analyse and facilitate sustainability transitions. Transitions Hub Series. Climate-KIC,
3. A set of online and hybrid workshops conducted with African science granting councils and government

Where are we?

STEEP FACTORS

Past

Social and cultural

Technical and technological

Economic

Environmental

Policy

Political

Now

Barriers

Drivers

**Specific policy instruments
(indicate - barriers/drivers)**

Suggested questions for guiding the discussion with stakeholders and completing the template:

Social and cultural factors

What are social and cultural factors important for [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?
How has this changed over time?

What are the social and cultural drivers of advancing [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?

What are the social and cultural barriers to advancing [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?

Technical and technological

What are technological factors important for [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?
How has this changed over time?

What are the technological drivers for advancing [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?

What are the technological barriers to advancing [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?

Economic

What are economic factors important for [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?
How has this changed over time?

What are the economic drivers for advancing [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?

What are the economic barriers to advancing [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?

Environmental

What are environmental factors important for [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?
How has this changed over time?

What are the environmental drivers for advancing [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?

What are the environmental barriers to advancing [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?

Policy (includes policy and legal)

How does (country name) STI policy promote [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?
How has this changed over time?

What are the political and policy related drivers for advancing [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?

What are the political and policy related barriers to [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?

Political

How does (country name) political context promote [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?
How has this changed over time?

What are the political drivers for advancing [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?

What are the political barriers to [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups] in [country name]?

***add based on the selected societal challenge and country**

her vulnerable groups in the national system of innovation]?

of women and other vulnerable groups in STI in (country name)]?

and other vulnerable groups in the national system of innovation]?