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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]
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]

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

Technical and technological

What are technological factors important for [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups]
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]

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

Economic

What are economic factors important for [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups]
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]

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

Environmental

What are environmental factors important for [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups]
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]

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

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]
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]

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

Political

How does (country name) political context promote [add selected societal challenge, e.g., the inclusion of women and other vulnerable groups]
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]

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

***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] ?