

# Evi-Pol

Enabling more effective use of evidence in policy and decision making by science councils

The Centre for Science, Technology and Innovation Indicators (CeSTII) is a partner in the Science Granting Councils Initiative (SGCI) Evi-Pol project. Evi-Pol aims to strengthen the use of evidence for policy and decision-making by African science granting councils.

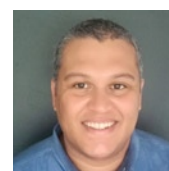
## Who we are

The Centre for Science, Technology and Innovation Indicators contributes to South Africa's official statistics for science, technology and innovation (STI) through well-established regular surveys as well as wide-ranging project work. CeSTII has a rich database of longitudinal trend data on research and development (R&D) and innovation, compiled over two decades and available for public use and policy development. More recently, CeSTII has begun to develop new datasets on innovation in agriculture and in the informal sector.



## Project coordination

CeSTII's contribution to Evi-Pol is jointly led by Dr Glenda Kruss and Dr Il-haam Petersen (pictured left). Darryn Whisgary is the CeSTII project coordinator assigned.



**Darryn Whisgary**  
 Project Coordination Support  
 dwhisgary@hsrc.ac.za



## Our role in Evi-Pol

In Evi-Pol CeSTII leads two work packages on STI Policy Review and Data Management Systems. Our goal? To work with science granting councils (SGCs) to assess their STI policies and to strengthen their data management systems. Learn more about SGCI [here](#).

# STI POLICY REVIEW WORK PACKAGE



Evidence-based policy takes place within the context of country, regional and global priorities. Using the framework and methodology developed by Petersen and Kruss (2019), our approach in this work package is to support SGCs to strengthen national STI policy alignment and coordination.<sup>1</sup>



## WORK PACKAGE OBJECTIVE

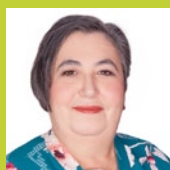
- Work with SGCs to review their STI policies in relation to national priorities and the SDGs



## KEY ACTIVITIES

- Workshops
- Policy analysis
- STI policy review toolkit

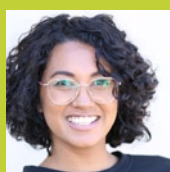
## Team CeSTII: STI Policy Review Work Package



**Dr Glenda Kruss**  
Work Package Co-Lead  
gkruss@hsrc.ac.za



**Dr Il-haam Petersen**  
Work Package Co-Lead  
ipetersen@hsrc.ac.za



**Nicole Van Rheede**  
Research Support  
nvanrheede@hsrc.ac.za



**Gerard Ralphs**  
Research Support  
gralphs@hsrc.ac.za



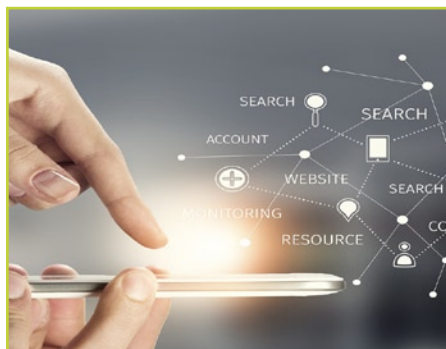
Governing without data is like driving without a dashboard.”

**KOFI ANNAN**

UN Secretary-General,  
1997-2006

<sup>1</sup> Petersen, I & Kruss, G. 2019. Promoting alignment between innovation policy and inclusive development in South Africa, *Development Southern Africa* 36(3): 351-375.

# DATA MANAGEMENT SYSTEMS WORK PACKAGE



Strong data management systems are increasingly a foundation of organisational performance. As digitalisation spurs new forms of data management and data governance, our approach emphasises a roadmap approach to identifying and addressing digitalisation as well as other critical data management system needs, including human and technological capabilities.



## WORK PACKAGE OBJECTIVE

- Work with SGCs to strengthen their data management systems



## KEY ACTIVITIES

- Workshops
- One-on-one coaching
- Data management toolkit

## Team CeSTII: Data Management Systems Work Package



**Dr Nazeem Mustapha**  
Work Package Lead  
nmustapha@hsrc.ac.za



**Dr Moses Sithole**  
Research Support  
msithole@hsrc.ac.za



**Dr Yasser Buchana**  
Research Support & CeSTII Focal Point  
(Francophone)  
ybuchana@hsrc.ac.za



**Dr Atoko Kasongo**  
Research Support & CeSTII Focal Point  
(Francophone)  
akasongo@hsrc.ac.za



**Dr Amy Kahn**  
Research Support  
akahn@hsrc.ac.za



**Marco Davids**  
IT Specialist & Solution Architect  
mdavids@hsrc.ac.za

# THE CENTRE FOR SCIENCE, TECHNOLOGY AND INNOVATION INDICATORS

## Measuring R&D and innovation

CeSTII interrogates R&D and business innovation data within South Africa's national system of innovation to address the country's developmental challenges. Since 2000 CeSTII has contributed new conceptual frameworks, designs and methodologies and has recently begun to measure innovation in the informal and agricultural business sectors. CeSTII aims to enhance the way surveys are conducted as well as their quality, by experimenting with digital tools and new research methodologies.






## Meeting international data standards

CeSTII's work is guided by national and international data quality standards, particularly the internationally accepted practices of the OECD, as well as developing contextually appropriate measures for the African context. CeSTII works closely with the Southern African Development Community (SADC) and Africa-wide measurement, research and policy communities. It plays a training and capacity-building role to support science, technology and innovation (STI) measurement in Africa, in partnership with the African Union Development Agency's (AUDA-NEPAD) African Science, Technology and Innovation Indicators Initiative, the African Observatory for Science, Technology and Innovation (AOSTI), and the SADC Social and Human Development Directorate responsible for STI programmes.

## Developing new STI indicators

CeSTII's new research is informing the development of new measures and indicators of STI that are contextually appropriate and reflect the region's developmental challenges. CeSTII has an experienced team of researchers and analysts spanning a range of disciplines, working to advance the field of STI indicators and measurement.

### Find out more about CeSTII

-  [www.hsrc.ac.za/en/departments/cestii](http://www.hsrc.ac.za/en/departments/cestii)
-  Join the CeSTII Mailing List - [bit.ly/3CgEsGW](https://bit.ly/3CgEsGW)
-  Engage with us on Twitter @HSRC\_CESTII
-  Connect with us on LinkedIn
-  See us on Instagram
-  Find us on Facebook



Our work has decision-making impact. For example, data from the annual South African R&D Survey are used continually – by, among others, the Reserve Bank, Cabinet, the National Council for Innovation – and in formats varying in scope and purpose from statistical reports, analytical reports, to fact sheets, policy dialogues and provincial policy fora targeting the private and public sectors.”

**DR GLENDA KRUSS**

Executive Head, Centre for Science, Technology and Innovation Indicators