



Becoming a SAGA pilot country Your role and contributions

SAGA (STEM and Gender Advancement)

Improved Measurement of Gender Equality
in Science, Technology, Engineering and Mathematics

A selected number of countries from around the world will be offered the opportunity to use an innovative approach for the design of effective gender equality Science, Technology and Innovation (STI) policies by means of purposefully developed indicators to measure gender equality in science, technology, engineering and mathematics (STEM) fields.



United Nations
Educational, Scientific and
Cultural Organization



Your role and contributions

1. Let us know of your interest

Show your interest in becoming a SAGA pilot country by contacting the project team at SAGA@unesco.org with a brief introduction of your motivation and current and future projects related to gender in STEM and STI policies in your country.

2. Set up a national team to work with SAGA

To ensure the highest impact, national key partners will come together and form a national team to cooperate with SAGA. Members of the national team should represent the different national statistical entities and decision-making authorities for STI and gender-related policies for an efficient and broad coverage of the project.

3. Identify your country's needs

In collaboration with the SAGA team, identify your needs by producing an inventory of available sources of national information, which can be used to design sound evidence-based STI policies. In the review of the identified sources, indicate for which you wish additional support from the SAGA team is requested. Recommended sources are presented below and discussed in greater details in the document Introduction to the SAGA Toolkit.



Instruments found in the SAGA Toolkit

As part of the capacity-building activities, SAGA will provide guidance in the implementation of Toolkit instruments and other national sources of information from which to draw indicators on the STEM population and STI policies in the form of a workshop and technical assistance.

SAGA Survey of STI Policies and Instruments

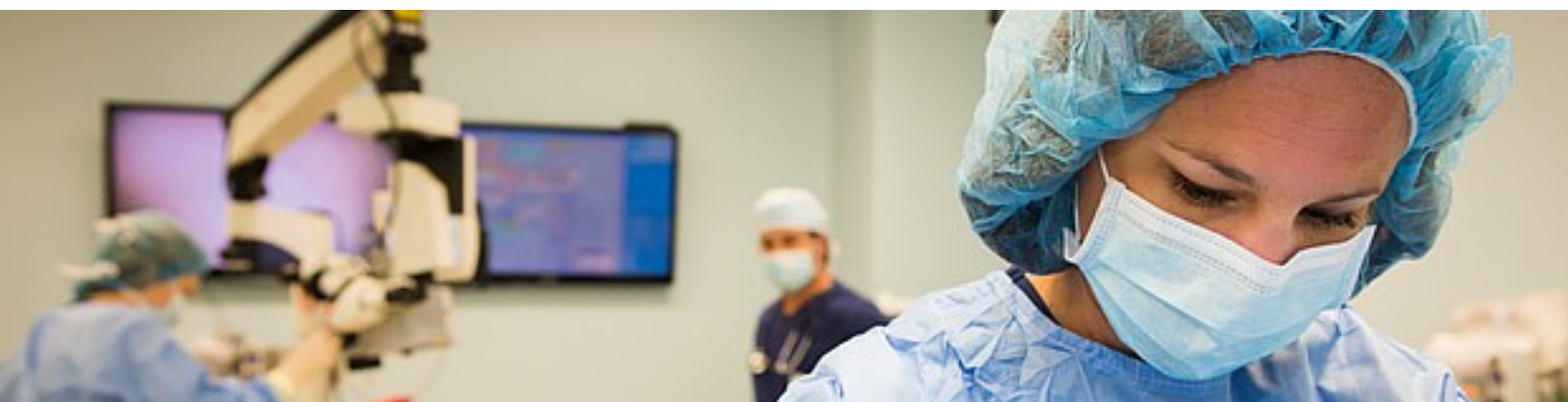
For a complete overview of national STI-related gender-policies, conduct this survey to establish a baseline and identify gaps in the policy coverage based on the SAGA Science, Technology and Innovation Gender Objective List (STI GOL).

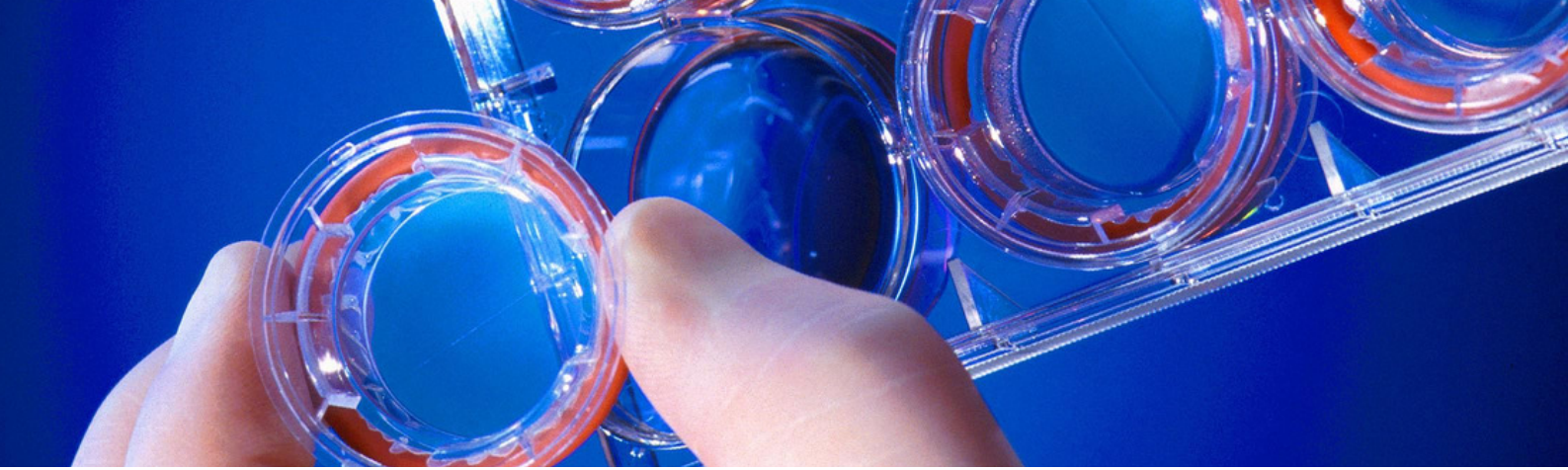
SAGA Survey of Barriers and Drivers to Gender Equality in Science and Engineering (S&E) Careers

This survey includes core questions on drivers and barriers to gender equality in S&E careers. Additional modules are available for countries wishing to collect information on more specific drivers and barriers to S&E careers. The tailoring of modules wished to be used will be done in close cooperation with the SAGA team. The ultimate goal of this instrument is to provide decision-makers with indicators and evidence for effective STI-policy design.

Research and experimental development (R&D) statistics

National R&D statistics provide comprehensive data on national researchers. The national R&D survey will generally require minimal manipulation in order to provide valuable information on the career progress of female researchers.





National database of researchers or curriculum vitae

This source offers great potential to understand the S&E population. Additionally, compiling and adjusting the information collected in national researchers' databases provides an ideal platform for reaching out to the STEM population and administer surveys.

Higher education data

Data on higher education offers important statistics on the foundation of the STEM population and is highly valuable in understanding the drivers and barriers faced by S&E at an early stage in their career. This source is generally easily accessible by national authorities and requires minimal manipulations in order to draw basic but highly valuable information on the STEM population.

Surveys of advanced qualification holders

These surveys provide detailed information on advanced qualification holders on their educational training, their transition to and experience as part of the S&E workforce. This source can give access to various indicators on drivers and barriers faced by advanced qualification holders for insights on researchers' experience and career path. A reduced version of the SAGA Survey of Barriers and Drivers to Gender Equality in S&E Careers could be inserted as a module.

Other potential sources of data:

- Academies and professional associations members databases
- Research funding agencies
- Mobility surveys
- Time-use surveys
- National sources with STEM-related information, such as registers of education, household censuses, labour force surveys, etc.

4. Host a national SAGA workshop

Benefit from a workshop tailored to your needs and based on the selected instruments by working together with experts on how to use the SAGA Toolkit. This workshop will provide an opportunity to develop strategies to best implement the SAGA innovative approach and surveys and discuss any challenges potentially arising in addressing gaps in gender-related STI policies.

5. Implement the SAGA surveys

By choosing to become a pilot country for SAGA, countries agree to implement the SAGA surveys by assuming the collection and analysis of data, and provide the SAGA team with full access to the collected data.

6. Prepare a country report

Finally, in collaboration with the SAGA team, pilot countries will prepare Country Reports containing country-specific recommendations, tailored policy guidelines and concrete actions to strengthen institutional capacities and STI gender equality policies.



Contact us at:
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<http://www.unesco.org/new/en/saga>