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• Sustainable
• Development
• Goals

STEM and Gender Advancement (SAGA)

67th ECCE Meeting

June 2nd, 2018
Tallinn





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A few facts

- Global lack of engineers is a bottleneck to prosperity.
- Disaggregated Data on engineering capacity is necessary to identify issues, such as shortage of human resources, professional disparities and gender inequalities.
- Most countries are currently lacking adequate methods for collecting engineering data.



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SAGA project Goals

- **Contribute to reduce the gender gap in scientific and engineering fields.**
- **Analyze and review gender-related policies and indicators in STEM.**
- **Strengthen gender equality perspectives in science policy design.**



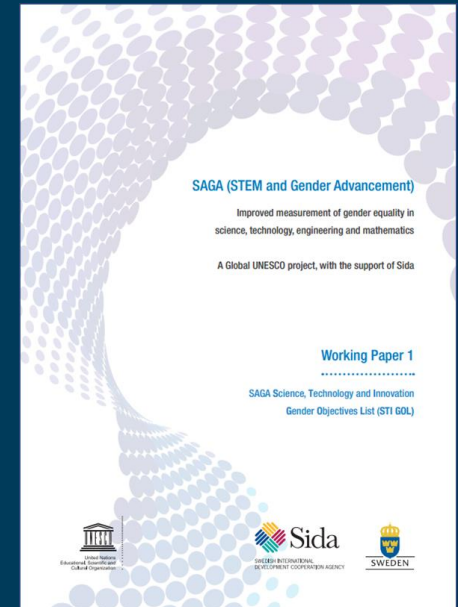
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Science, Technology and Innovation Gender Objectives List (STI GOL)

- **Enables** the categorization of STI policies and policy instruments, and indicators
- **Assists** in identifying gaps in the STI policy mix.
- **Allows** mapping existing indicators to gender objectives and facilitate identifying gaps





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SAGA's Seven stages

1.

Social norms
and
stereotypes

2.

Primary and
secondary
education

3.

Higher
education

4.

Career
progression

5.

Research
content,
practice

6.

Policy-making
processes

7.

Entrepreneurs
hip and
innovation



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Career progression

SAGA's GOL

EQUAL

Access to job opportunities.

Equal work conditions through, among others:

- Remuneration
- Performance evaluation criteria
- Adequate safety and security of fieldwork
- Sexual harassment prevention policies and procedures.

Access to opportunities in the workplace:

- Training and conferences
- Research teams, networks (national and international)
- publications and patent applications
- Financial and non-financial incentives
- Recognitions, rewards and awards



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Career progression SAGA's GOL

PROMOTE GENDER BALANCE

- Work–life balance.
- International mobility of academia.
- Leadership positions.
- Transformations of STI institutions.
- Professional certifications.



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UNESCO-WCCE Joint Project

Pilot a survey on certification of engineers applying to achieve professional registration.

- Survey will collect data disaggregated by sex and age on:
 - Professional registration applications
 - Registered professionals
 - Professional section and status



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Whom will benefit?

- Future women scientists
- Engineers
- Ministries and high authorities in STI and education
- Official statistics offices and statisticians
- Universities and other research institutions, academies
- Civil society in Member States



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WE (UNESCO & WCCE)

NEED YOUR

- HELP!!
- DATA!!
- SUPPORT!!