



World Federation of
Engineering Organizations

WFEO SYMPOSIUM

Celebrating 50 years of Engineering Leadership



United Nations
Educational, Scientific and
Cultural Organization

05. Strategies to attract and support women in engineering,

Ms. Hema Vallabh, Co-founder
WomEng, WFEO Associate



WomENG
WOMEN IN ENGINEERING



Strategies for increasing participation of women in engineering

Presented by: Hema Vallabh, WomEng Co-Founder

Paris, 6 March 2018

Our Mission



Our mission is
to develop a more diverse
engineering workforce
through education
and technology

About WomEng



WHO WE ARE

WomEng, is a multi-award winning social enterprise working since 2006 to develop the next generation of women engineering leaders in society.



WHY WE CARE

The shortage of engineers is a global issue. The number of women in engineering has been of particular concern as women are still grossly under-represented (<20% globally).



PHILOSOPHY

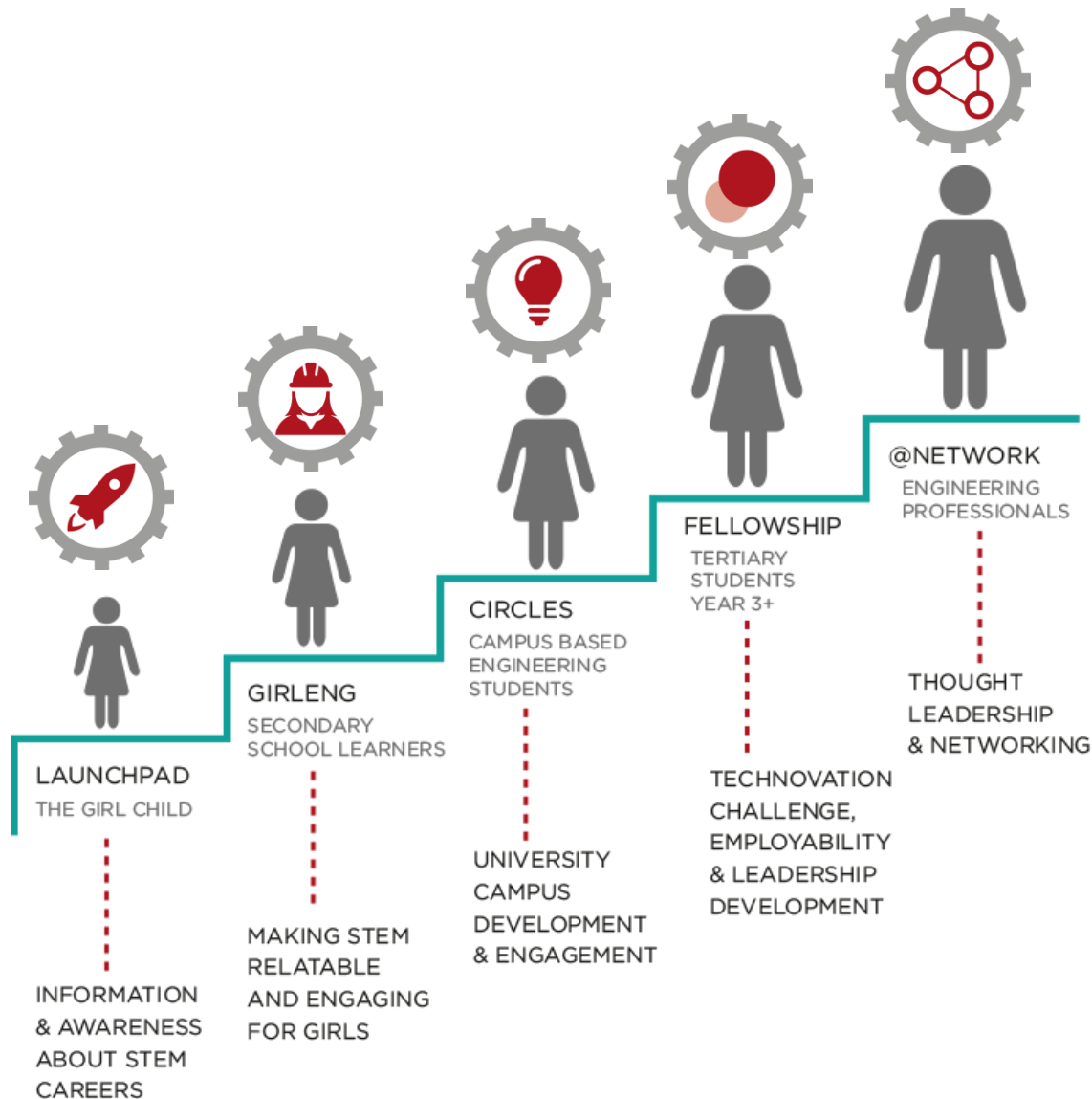
- Promoting STEM (Science, Technology, Engineering & Mathematics) education with a focus on engineering and technology
- Creating greater awareness and raising the profile of the industry
- Attraction and retention of females into the engineering sector
- Skills development including leadership development
- Innovative problem solving
- Mentorship



WHAT WE DO

Attract, develop and retain the pipeline of women engineering leaders globally through a series of robust programming & interventions at every stage of the pipeline.

Our Programs



Models at every level that are:

- Successful
- Impactful
- Scalable
- Replicable
- Implementable

Impact

20 000

Girls reached through workshops

1082

University level alumni globally

340

GirlEng Volunteers since 2009

I've come to realise my potential and worth as a female engineer in this world and industry. Fellowship has encouraged me to strive for a better future and not settle for the one I can get.

— 2017 WomEng Fellow

”



“

“This program should continue inspiring and motivating girls around the globe. It is very admirable to realize people are working to improve opportunities for women in the (engineering) market

— WomEng Brazil Fellow, 2017



“

@Network has helped me connect and build relationships with like-minded people that I would not have met in my daily work circle.

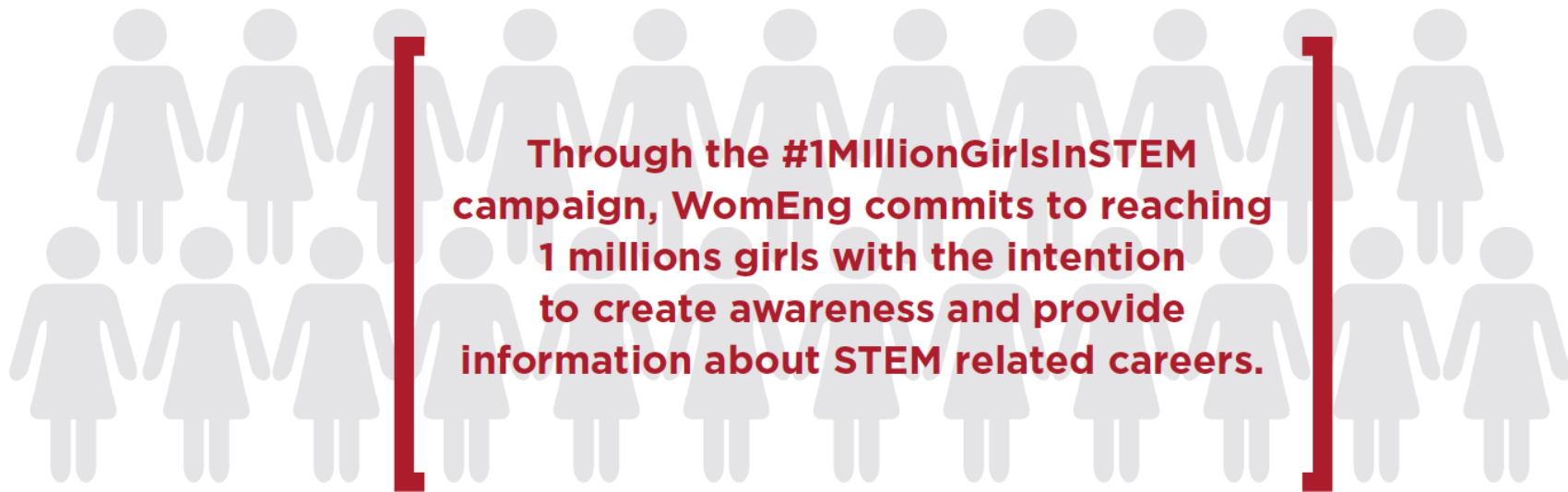
— @Network attendee, 2015



1 MillionGirlsInSTEM



United Nations
Educational, Scientific and
Cultural Organization



Through the #1MillionGirlsInSTEM campaign, **WomEng** commits to reaching **1 millions girls** with the intention to create awareness and provide information about **STEM related careers**.

HOW IT WORKS



OPEN - SOURCE
TOOLKIT



GLOBAL
AMBASSADORS



LOCAL
WORKSHOPS
GLOBALLY

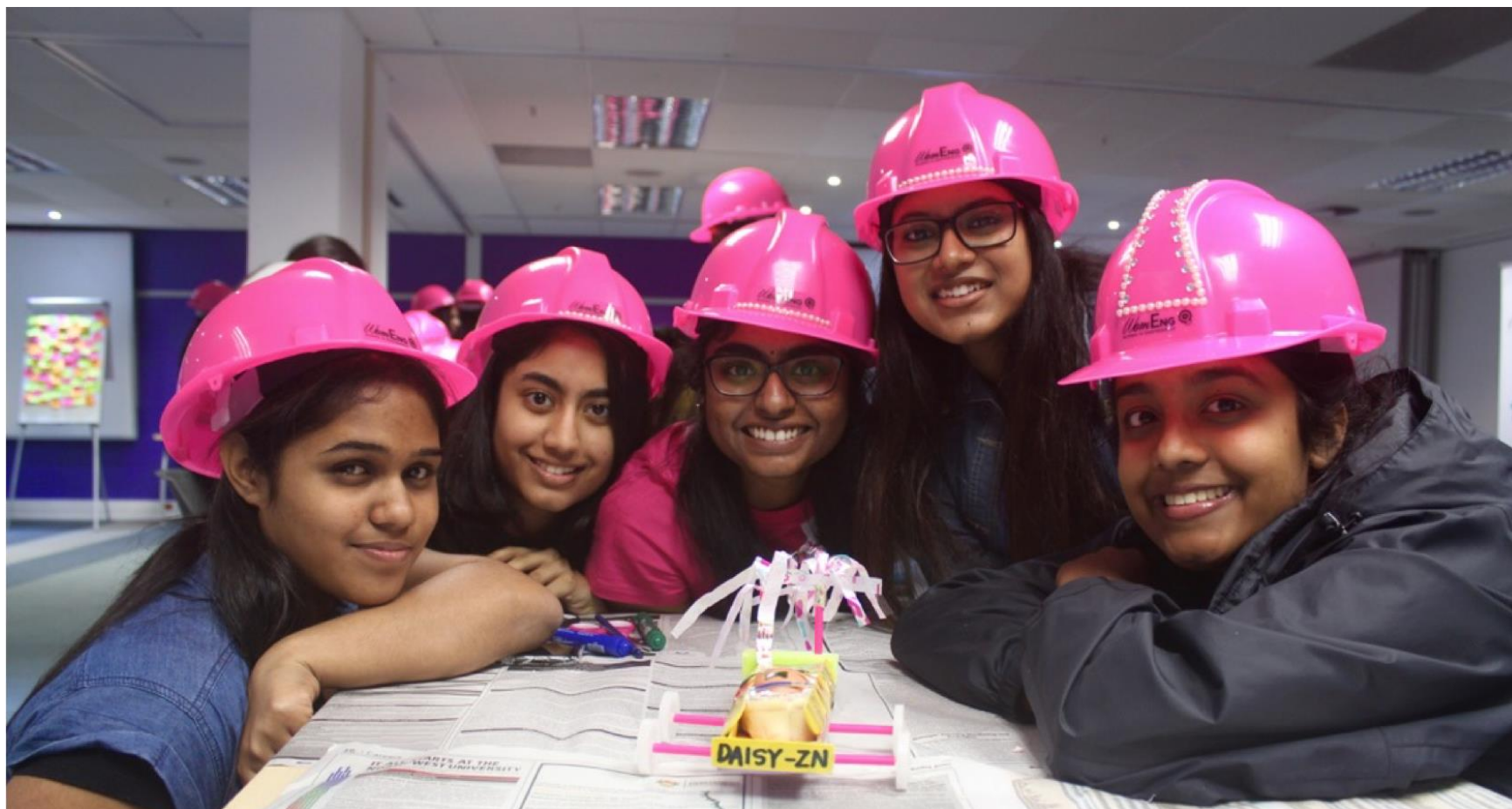


STEM AWARE GIRLS

1 MillionGirlsInSTEM



United Nations
Educational, Scientific and
Cultural Organization



Our Global Impact



WomEng & WFEO



- Associate member 2018
- #1MillionGirlsInSTEM campaign
- WFEO WiE STC
- WFEO Capacity Building & Young Engineers
- Develop and/or strengthen WiE chapters of engineering professional bodies

Our SDG Imperative



United Nations
Educational, Scientific and
Cultural Organization

With women being such an integral focus both implicitly and explicitly, we could infer that gender equality will be the decisive factor in achieving these goals, together with the role that STEM and STEM professionals will play around infrastructure, climate and poverty reduction. Combining STEM and gender will create the win-win combination to achieve the majority of the SDGs.



supports the Sustainable Development Goals

For more information...



For more information, connect with us at:

 info@womhub.com  [@_WomEng](https://twitter.com/_WomEng)
 [WomEng](https://www.facebook.com/WomEng)  womeng.org

