
W-STEM International Leadership Summit Cartagena, Nov 2019

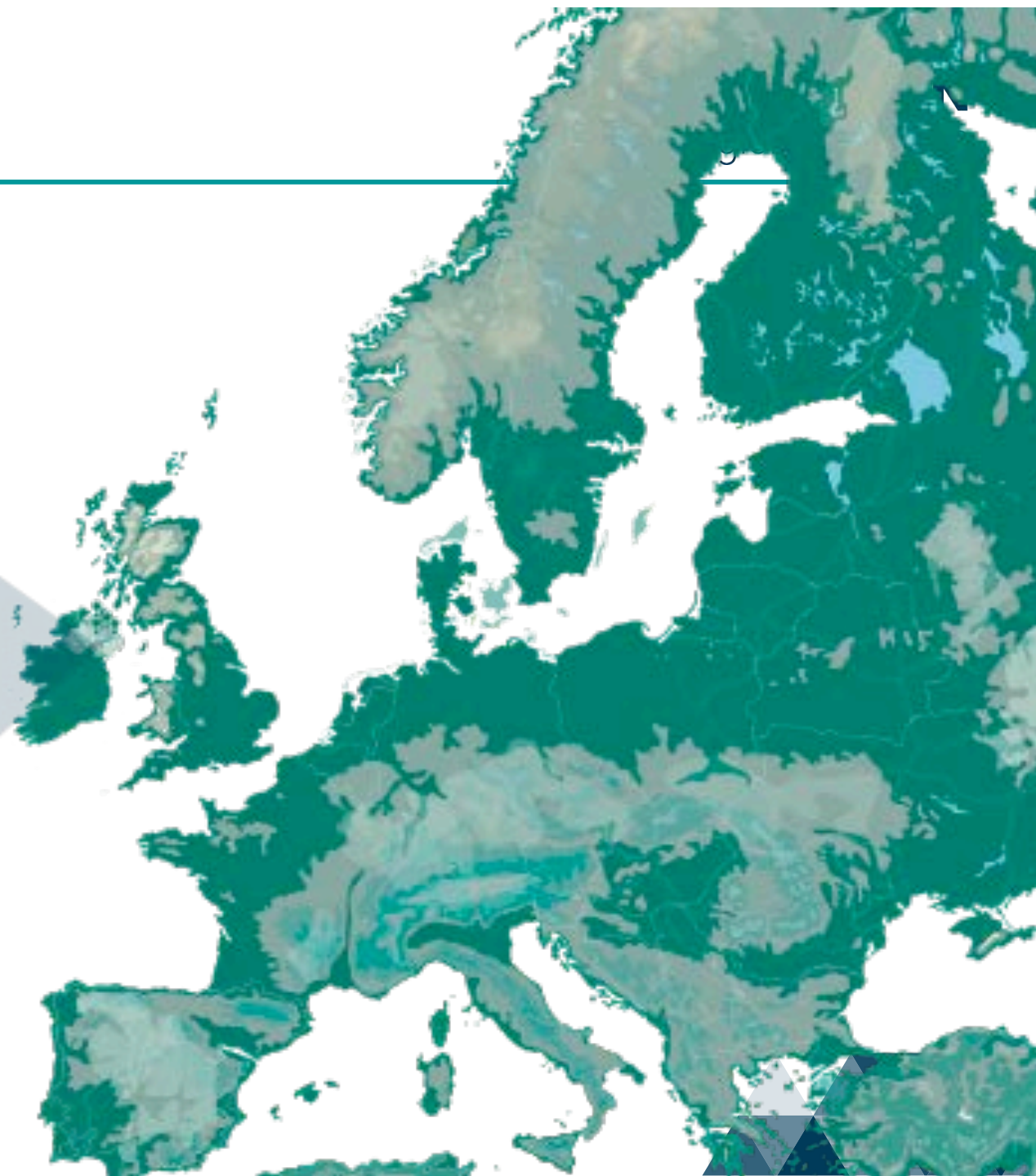
Best practice in government and institutional policy to increase female participation in STEM

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Co-funded by the
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 **56** % of university students in the UK are female


50% of STEM enrolments, including medicine are unevenly distributed by discipline:

 **79.4%** of medicine undergraduates

 **39.9%** of physics undergraduates

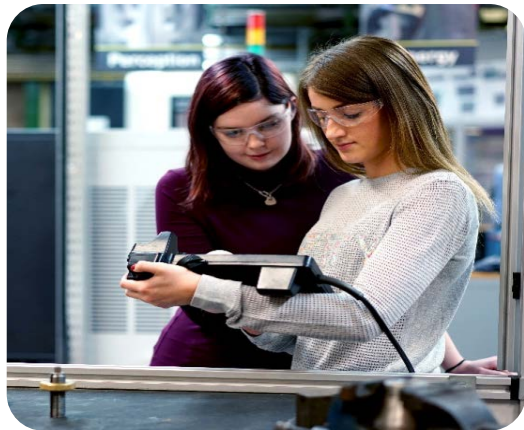
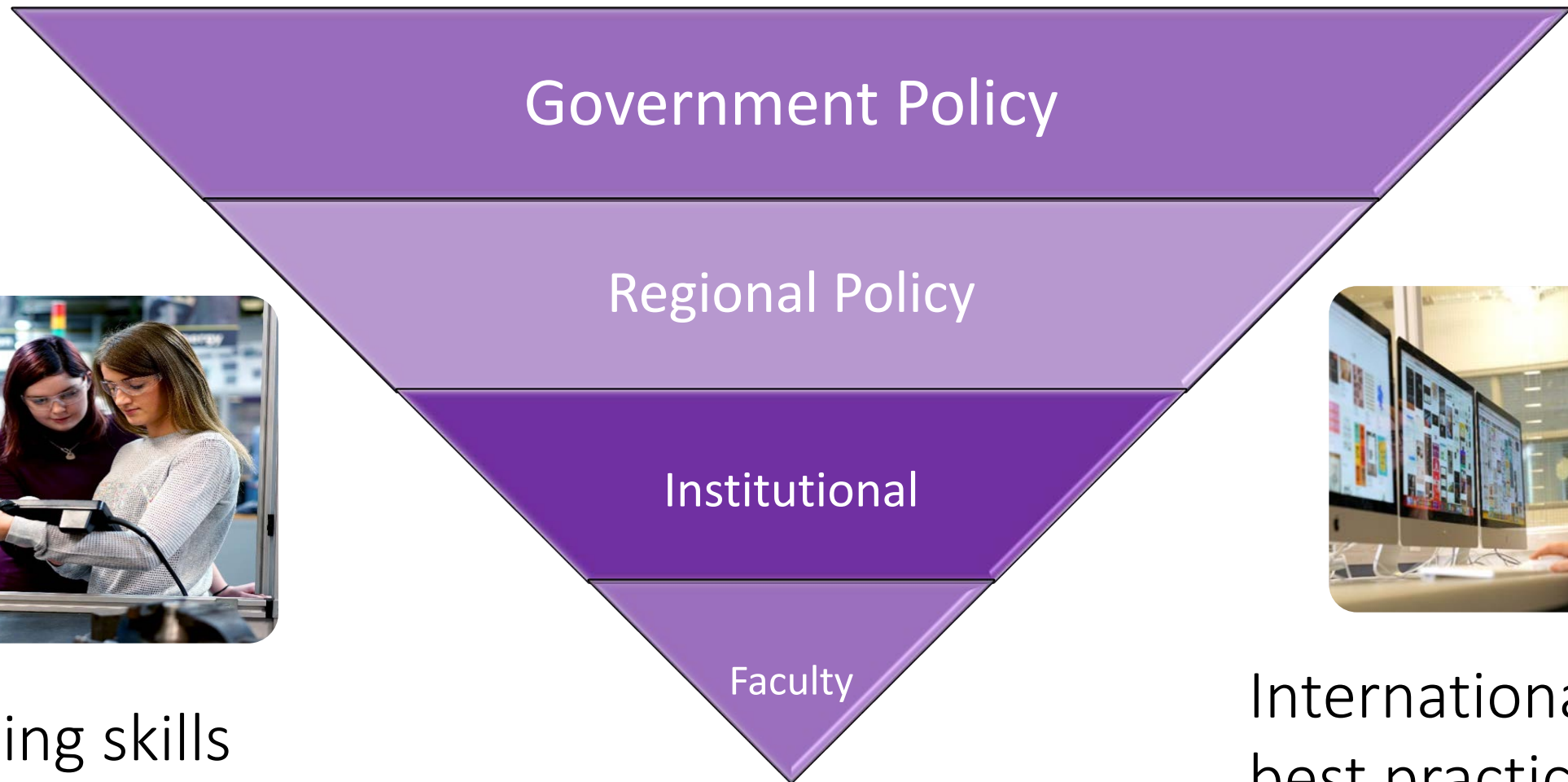
 **61.1%** of biological sciences undergraduates

4% Of Engineering apprentices are female

 **15.8%** of engineering and technology undergraduates

 **17.4%** of computer science undergraduates





Meeting skills requirement



International best practice



Attracting females to STEM careers



Stemettes is an award-winning social enterprise working across the UK & Ireland to inspire and support girls into STEM careers

STEMettes
www.stemettes.org # +



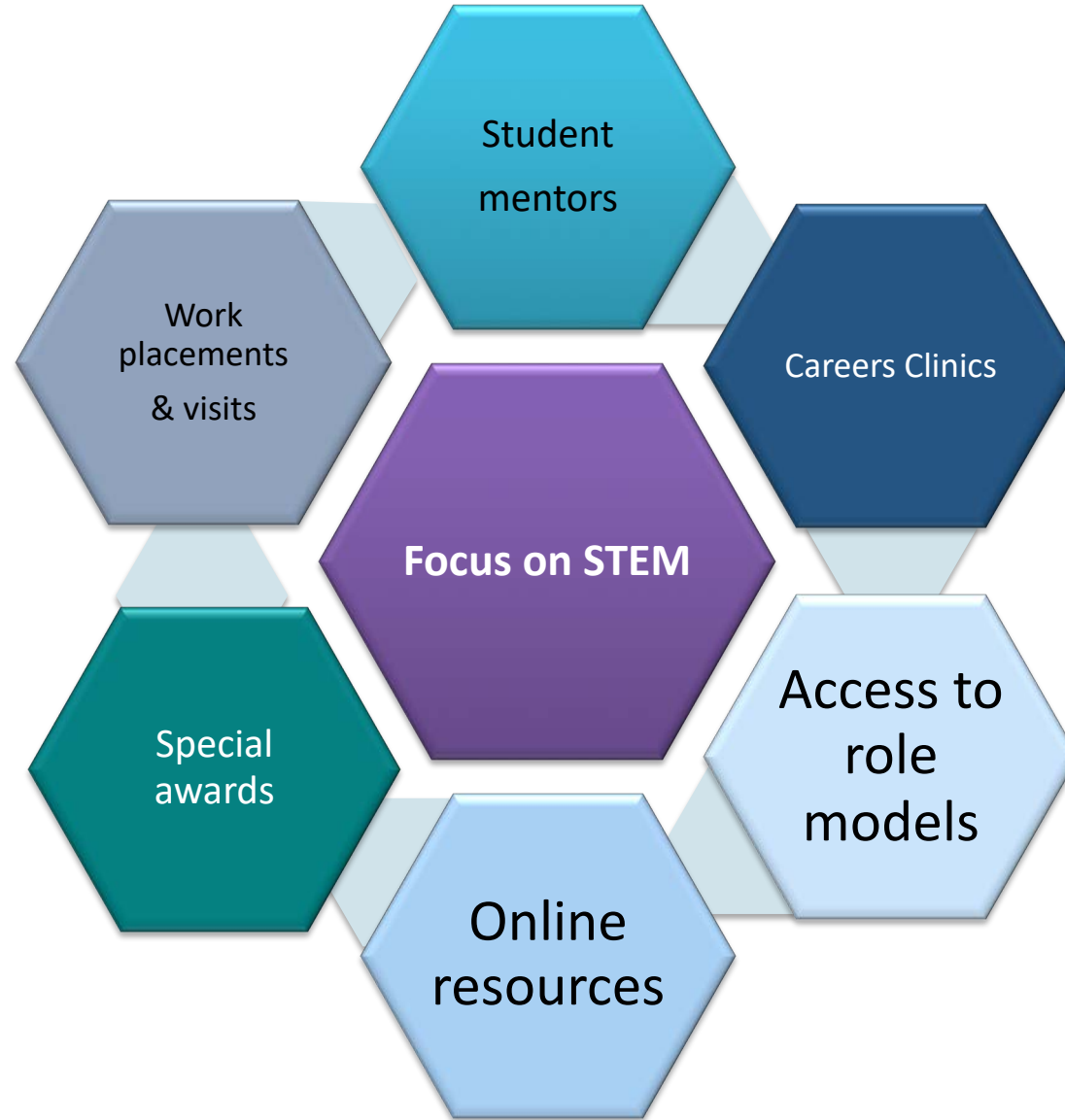
www.wisecampaign.org.uk

WISE energises leaders in business, industry and education to increase the participation, contribution and success of women in STEM.

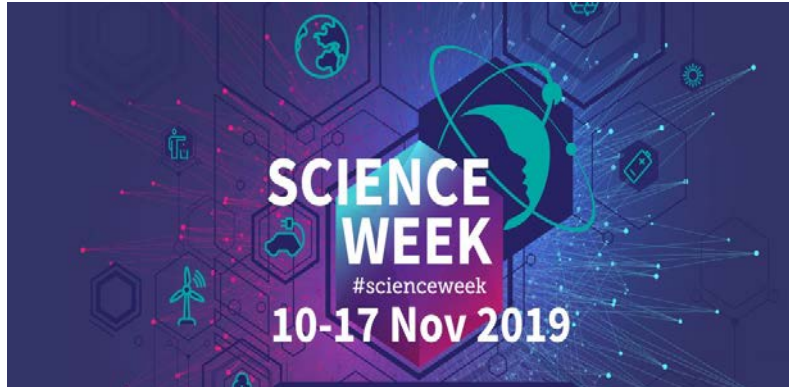
UK on target to reach 1 million women in STEM by 2020 (10% increase)



Reduce the unconscious bias




Celebrate and showcase achievement



International Day of Women and Girls in Science



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- A vertical line of four white circles, each connected to a horizontal bar containing text. The circles are connected by thin lines, and the bars are in shades of purple and blue.
- Clear vision and commitment by Government with metrics and impact assessments
 - Institutional policies to increase participation and progression. E.g Equality Charter (Athena Swan)
 - Accessible role models through media and national awards for teachers, employers.
 - Investment in teacher education, > online resources , case studies., scholarships, competitions





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*“Ambition is the first step to success;
action is the second.”*

Thank you



wstem



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