



# Impact report 2018/19



**Science Resources Africa**  
*Building Science in Africa*

# 2018/19: In brief



Presentations at UNESCO Mobile Learning Week in Paris



Physical computing & Bioinformatics workshop, Sierra Leone



Expansion



Royal Society grant awarded (2018-2020)



Collaborative meetings with faculty members of Jena Piaget University in Guinea Bissau





## Presentations at UNESCO Mobile Learning Week in Paris





# Physical Computing & Bioinformatics Workshop

University of Sierra Leone, June 25 – 29<sup>th</sup> 2019

5-day workshop on physical computing and bioinformatics, including a course on cloud computing (Dr Prabakharan), Raspberry Pi (Dr Bannerman)

Train the trainer also incorporated, and discussion about bioinformatics case studies in drug discovery

Students from the University of Sierra Leone (USL), The Eastern Polytechnic in Kenema, and Njala University in Bo



# Expansion

SRA is now currently active in 10 countries:

- Benin
- The Gambia
- Guinea
- Guinea-Bissau
- Niger
- Nigeria
- Sierra Leone
- South Africa
- Uganda
- Zimbabwe



# Collaborative meetings in Guinea Bissau

Dr Bannerman met with senior faculty members at the Jean Piaget University in Guinea Bissau to discuss the upcoming registration of the higher degrees programme at the University.

Prof Blundell and Dr Bannerman will teach / give seminars at the university, and the university will provide accommodation and potentially cover travel costs for students



# Alumni success: *Sierra Power Ltd.*



SRA alumni Andrew Norma, Emmanuel Alie Mansaray, and Elli Cooper of Sierra Power Ltd. have developed an exciting and environmentally-friendly new approach to provide electricity to inhabitants of rural Sierra Leone. Their innovation is to create a **fuel-free generator powered by a rechargeable dry cell battery**

The tech has been rolled out in 10 classrooms and 2 offices at the Methodist Boys High School and Flaming Pre-Primary and Middle High School in the rural villages of Kissy Mess Mess and Rokel



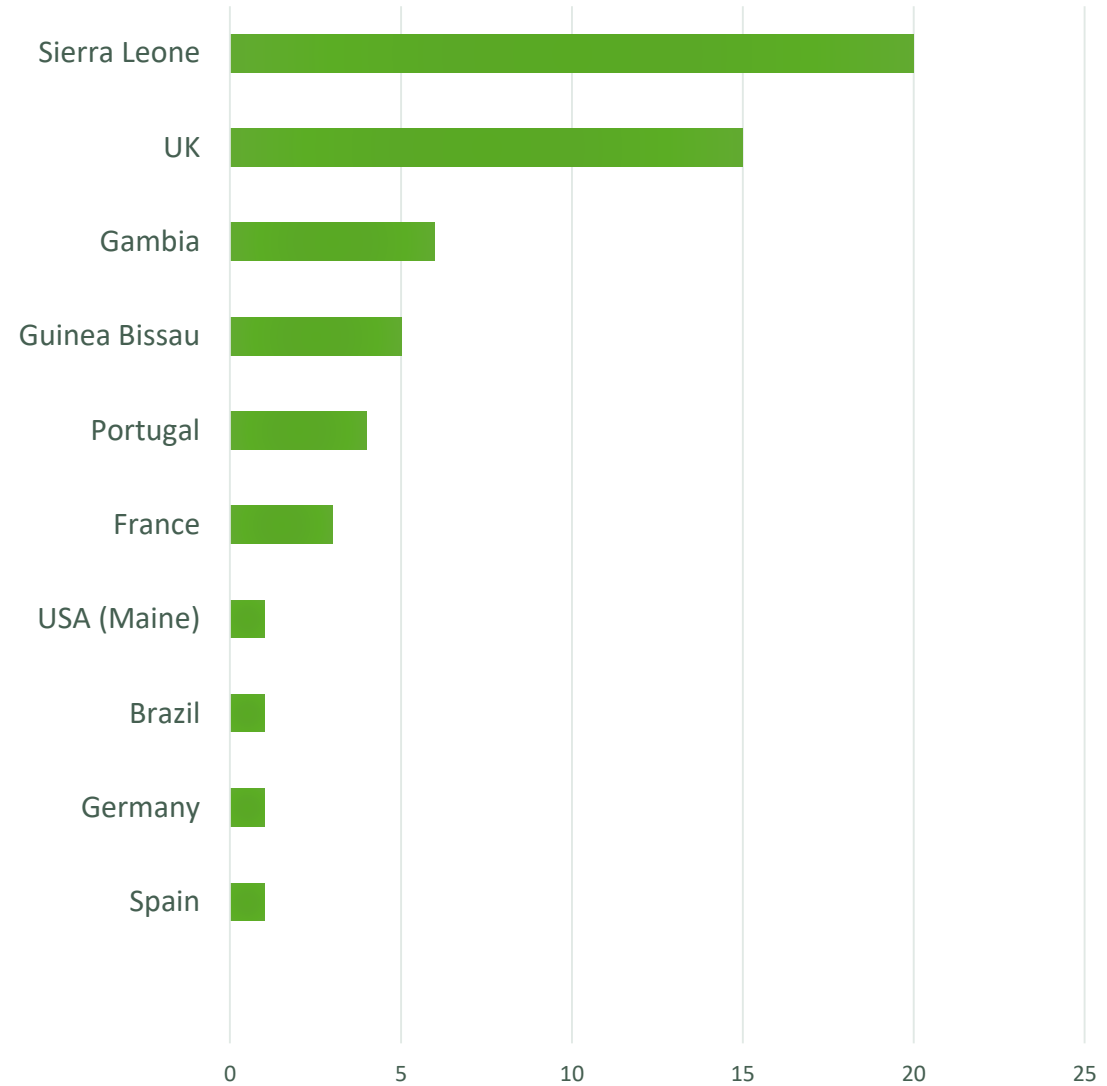
75% of students at MBHS reported that the tech benefitted their studies

MBHS Head of Security Mr Abdul reported that the electricity made the school environment safer



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