

# RSC Sustainable Laboratories Grant recipients

2023 application round

Grant applicants	Institution	Country	Project
<b>Ojodomo Achadu</b>	Teesside University	United Kingdom	Recycling ambient magnetic "noise" as a sustainable energy source in chemistry laboratories
<b>Ungwanen John Ahile</b>	Benue State University	Nigeria	The Chemist, his laboratory and the environment
<b>Usama Ammar, Giacomo Russo</b>	Edinburgh Napier University	United Kingdom	Development of new sustainable approach in drug discovery: One-pot parallel synthetic strategy to minimise the environmental footprint
<b>Edward Anderson, Paul Roberts</b>	University of Oxford	United Kingdom	Recycling Acetone in Oxford Chemistry
<b>Hannah Briers, Richard Gammons</b>	University of York	United Kingdom	Sustainable Solutions for Laboratory Water Management
<b>Shiao Chow</b>	University of Strathclyde	United Kingdom	Closing the Loop in Sustainable Metal Catalysis in the Laboratory
<b>Gillian Collins</b>	University College Cork	Ireland	From Atom Economy to Atom Circularity – Creating a Digital Education Tool for Environmentally Sustainable Laboratory Research Practice
<b>Simon Collinson, Joanne Handford</b>	The Open University	United Kingdom	Analysing the Reuse of Single-use Plastics in the Chemical Laboratory.
<b>Christine Davidson</b>	University of Strathclyde	United Kingdom	Improving the sustainability of trace element analysis through plastic sample vial re-use
<b>Marc Etherington</b>	Northumbria University	United Kingdom	Green and Halogen-free Organic Solvents for Thermally activated delayed fluorescence (TADF) Spectroscopy [GHOSTS]
<b>Rob Evans</b>	Aston University	United Kingdom	Benchtop NMR for a More Sustainable Analysis of Alternative Fuels
<b>William Gee</b>	Griffith University	Australia	Changing forensic practices to adopt greener, more sustainable evidence processing
<b>Mihail Georgiev, Boris Konstantinov</b>	Sofia University	Bulgaria	EcoLabs Initiative: A Data-Driven Approach to Sustainable Practices in Chemistry and Pharmacy
<b>Rosie Grayburn</b>	University of Delaware	United States	Solvent Use in Conservation
<b>Silvia Gross, Mauro Carraro</b>	University of Padova	Italy	"MiRa - Minimise and Rationalise: introducing sustainability best practices and protocols in the inorganic materials synthesis laboratory"

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<b>Anna Hankin</b>	Imperial College London	United Kingdom	Electrochemical recovery of heavy metals from waste solutions generated by sustainability-focused research
<b>Oluwatobi Kolawole, Nick Birse</b>	Queen's University Belfast	United Kingdom	Development and Application of Novel Natural Deep Eutectic Solvents in the Extraction of Mycotoxins and Antibiotics in Foods
<b>Carlos Lodeiro, Hugo M Santos</b>	NOVA University Lisbon	Portugal	Reducing the Water misuse in a Nano@Dyes Synthesis Lab
<b>Samiran Mondal</b>	Rammohan college	India	Development of low-cost laboratory robotics for promoting reuse of single-use plastics
<b>Agraw Mulat, Tsehay Tadele</b>	Assosa University; Benishangul GuMuz Regional State Education Office	Ethiopia	Promoting Sustainable Science Laboratories in High Schools and Colleges at Western, Ethiopia
<b>Catherine Naughtie, Frank Marken</b>	University of Bath	United Kingdom	Lab Eco-Revolution Survey: Gauging Perceptions and Needs for Sustainable Lab Consumables
<b>Lorna Nisbet, Laura Daly</b>	University of Dundee	United Kingdom	Reviving the Vial and Reusing Plastic Pipette Tips: Sustainable Practices for GC-MS Vial and Pipette Tip Reuse in Forensic Chemistry Research Laboratories
<b>Julianna Panidi, Pabitra Shakya Tuladhar</b>	Imperial College London	United Kingdom	Improving sustainability of the cleanroom
<b>Hitendra M. Patel, Kalisadhan Mukherjee</b>	Sardar Patel University; Pandit Deendayal Energy University	India	Chemiresistive VOC Sensor in Pilot Scale Absorber System for Laboratory VOC Recycling
<b>Christina Picken, Michael Shaver</b>	University of Manchester	United Kingdom	Sustainable Solvent Alternatives for Gel Permeation Chromatography
<b>Helena Rapp Wright, Amber Vaughan</b>	Imperial College London	United Kingdom	Making trace environmental analysis greener – a (not) single-use plastic approach
<b>Danielle Ryan, Paul Prenzler</b>	Charles Sturt University	Australia	Making Every Drop Count – Changing Practice in Blood Collection Through Microsampling and Metabolomics
<b>Zak Towle, Amias Alstrom-Moore</b>	Northumbria University	United Kingdom	Towards a fully circular laboratory environment; Biotransformation of laboratory waste into usable material.
<b>Karolina Urbanska, Liam Cribbin</b>	Trinity College Dublin	Ireland	Sustainable synthesis of porphyrins under continuous flow
<b>Nicola Wade, Kirsty Arnott</b>	University of Glasgow	United Kingdom	Optimising the use of a non-toxic alternative to DMF on the Biotage Initiator+ Alstra™
<b>Gerd Wagner, Ramya Nuti</b>	Queen's University Belfast	United Kingdom	Simple measures to reduce the energy consumption of common synthetic-organic transformations: A quantitative approach

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<b>James Wilton-Ely, Christopher Braddock</b>	Imperial College London	United Kingdom	Recycling laboratory palladium waste for (re)use in catalysis
<b>Dawid Zych</b>	University of Opole	Poland	It does not matter if it is green, blue, purple, or colourful, what matters is sustainable chemistry - the end of theory and grand concepts - it is time for practical actions in a modern and sustainable laboratory

Last updated 15 May 2024