

RSC Sustainable Laboratories Grant recipients

2023 application round

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

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Anna Hankin	Imperial College London	United Kingdom	Electrochemical recovery of heavy metals from waste solutions generated by sustainability-focused research
Oluwatobi Kolawole, Nick Birse	Queen's University Belfast	United Kingdom	Development and Application of Novel Natural Deep Eutectic Solvents in the Extraction of Mycotoxins and Antibiotics in Foods
Carlos Lodeiro, Hugo M Santos	NOVA University Lisbon	Portugal	Reducing the Water misuse in a Nano@Dyes Synthesis Lab
Samiran Mondal	Rammohan college	India	Development of low-cost laboratory robotics for promoting reuse of single-use plastics
Agraw Mulat, Tsehay Tadele	Assosa University; Benishangul GuMuz Regional State Education Office	Ethiopia	Promoting Sustainable Science Laboratories in High Schools and Colleges at Western, Ethiopia
Catherine Naughtie, Frank Marken	University of Bath	United Kingdom	Lab Eco-Revolution Survey: Gauging Perceptions and Needs for Sustainable Lab Consumables
Lorna Nisbet, Laura Daly	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
Julianna Panidi, Pabitra Shakya Tuladhar	Imperial College London	United Kingdom	Improving sustainability of the cleanroom
Hitendra M. Patel, Kalisadhan Mukherjee	Sardar Patel University; Pandit Deendayal Energy University	India	Chemiresistive VOC Sensor in Pilot Scale Absorber System for Laboratory VOC Recycling
Christina Picken, Michael Shaver	University of Manchester	United Kingdom	Sustainable Solvent Alternatives for Gel Permeation Chromatography
Danielle Ryan, Paul Prenzler	Charles Sturt University	Australia	Making Every Drop Count – Changing Practice in Blood Collection Through Microsampling and Metabolomics
Zak Towle, Amias Alstrom-Moore	Northumbria University	United Kingdom	Towards a fully circular laboratory environment; Biotransformation of laboratory waste into usable material.
Karolina Urbanska, Liam Cribbin	Trinity College Dublin	Ireland	Sustainable synthesis of porphyrins under continuous flow
Nicola Wade, Kirsty Arnott	University of Glasgow	United Kingdom	Optimising the use of a non-toxic alternative to DMF on the Biotage Initiator+ Alstra™
Gerd Wagner, Ramya Nuti	Queen's University Belfast	United Kingdom	Simple measures to reduce the energy consumption of common synthetic-organic transformations: A quantitative approach
James Wilton-Ely, Christopher Braddock	Imperial College London	United Kingdom	Recycling laboratory palladium waste for (re)use in catalysis

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Dawid Zych	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

This table is subject to further updates when grantees confirm their acceptance of our funding.

Last updated 24 April 2024