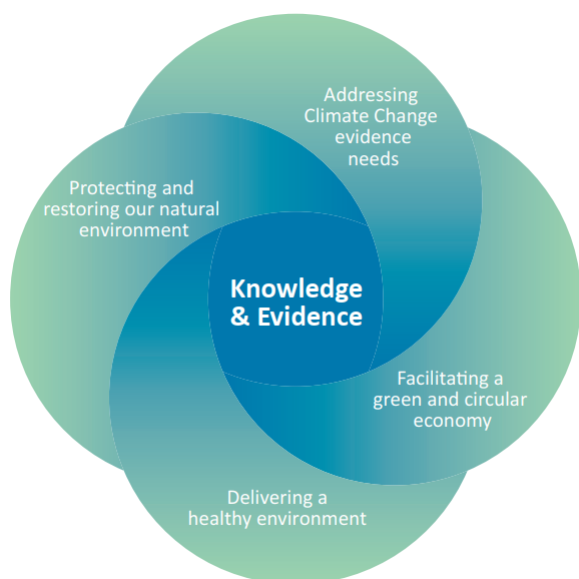


EPA Research 2030

# 2022 Action Plan



*Putting science and innovation at the centre of environmental protection in Ireland through the development and proactive transfer of knowledge*

March 2022

The EPA Research Programme is a Government of Ireland initiative funded by the Department of the Environment, Climate & Communications.

EPA-funded environmental research provides essential scientific support for environmental policy development, implementation and broader decision making. **EPA Research 2030** is the ten-year high-level framework for the EPA’s research programming (2021-2030), designed to be agile, responsive and flexible. It sets out the broad structure and ambition for the EPA research activity during the period 2021 to 2030. This **Action Plan 2022** provides a guide for the planned activities of the EPA Research Programme in 2022.

## Contents

<b>EPA Research 2030 Framework - Planned 2022 Activities</b> .....	2
Funding Schemes available in 2022 .....	4
<b>Implementation of the EPA Research 2030 Framework</b> .....	5
<b>2021 Year in Review</b> .....	8
Key Performance Targets and Indicators .....	10
2021 EPA Research Publications .....	13
<b>Related Documents</b> .....	17

## EPA Research 2030 Framework - Planned 2022 Activities

### Key Priorities for 2022

Funding new relevant & timely research

Knowledge Transfer activities

Monitoring of the EPA-funded portfolio

Review of Fast-Track to Policy Pilot Funding Scheme

Continued engagement with strategic partners & networks









The timings provided below are indicative and subject to change, e.g. in response to variations in the EPA's Research annual budget allocation, resources, new initiatives the EPA may develop, as well as arising Government policy/priorities.

Indicative Timeline	Activities
17 <sup>th</sup> January 2022	Deadline for submission under the EPA Researchers Awards 2021
28 <sup>th</sup> January 2022	Interim reporting deadline for LIVE EPA awards
From January 2022	Horizon-Scanning activities across all four hubs
January 2022	National Environmental Research Coordination Group Meeting
March 2022	Budget confirmation and approval of allocation
March 2022	Announcement of the Winner of the EPA Researchers Awards 2021
23 <sup>rd</sup> March 2022	Irish Research Council / Health Research Board / EPA Launch of the DOROTHY Marie Skłodowska-Curie Action COFUND Research Fellowship Call
30 <sup>th</sup> March 2022	Rolling deadline for the EPA Research Event Support Scheme
April-June 2022 (dates tbc)	Launch of the Water4All Partnership Joint Transnational Call on Sustainable Water Management
April 2022	Launch of the 2022 EPA Research Call
May 2022	2022 EPA Research Call Webinar
May 2022	Launch of the 2022 Green Enterprise Scheme

Indicative Timeline	Activities
23 <sup>rd</sup> May 2022	Deadline for the DOROTHY Marie Skłodowska-Curie Action COFUND Research Fellowship Call
June 2022	Publication of the 2021 Climate Research Coordination Group Annual Report of Activities
June 2022	Close of the 2022 EPA Research Call
30 <sup>th</sup> June 2022	Rolling deadline for the EPA Research Event Support Scheme
July 2022	Close of the 2022 EPA Green Enterprise Scheme
July – September 2022	Evaluation of the 2022 EPA Research Call & 2022 EPA Green Enterprise Scheme
28 <sup>th</sup> July 2022	Interim reporting deadline for LIVE EPA awards
From August 2022	Review of the Fast track to Policy Pilot Funding Mechanism
August/September 2022	Launch of the Fulbright-EPA Awards (closing in October / November 2022)
September 2022	Launch of the EPA-Irish Research Council Postgraduate Scheme (Closing in November 2022)
30 <sup>th</sup> September 2022	Rolling deadline for the EPA Research Event Support Scheme
September/ October 2022	National Environmental Research Coordination Group Meeting
September/ October 2022	Awards from the 2021/2022 Biodiversa+ Partnership Joint Transnational Call
1 <sup>st</sup> October 2022	Interim reporting deadline for LIVE EPA Scholarship awards
October 2022	Notification of the outcomes of the 2022 EPA Research Call & 2022 EPA Green Enterprise Scheme
November 2022	Launch of the EPA Researchers Awards 2022
November / December 2022	Awards under the 2022 EPA Research Call & 2021 EPA Green Enterprise Scheme (with start dates up until 31 <sup>st</sup> March 2022)
December 2022	Start of the consultation for the 2023 EPA Research Call
31 <sup>st</sup> December 2022	Rolling deadline for the EPA Research Event Support Scheme

Active engagement in national and international research fora and activities will also take place throughout the year.

## Funding Schemes available in 2022

Funding Type ↓	Funding Mechanism	Type of Research	Indicative Timeline	Type of Awards
 Short-term Evidence-based Studies	Fast track to Policy Funding Scheme	Literature review, evidence-base review, evidence synthesis, review of policies, best practices - addressing short-term policy needs	As required	Usually < 9-month duration and < €50,000
 Project-Based Awards	Annual EPA Research Calls	Research projects addressing Medium- to Longer-term policy needs (in response to specific topics or open)	Calls opening in April/ May - with awards made in November / December	12-month Desk Studies (< €100,000) 24- to 36-month Medium-Scale Projects (up to €350,000) 36- to 48-month Large-Scale Projects (up to €1,000,000) 48- to 60-month Capacity Development Projects (> €1,000,000)
 Strategic National Partnerships	Co-funding provided to other national research funders in areas of common priorities	Variable	Variable	Variable
 Collaborative Awards	Joint Transnational Research Calls	Research addressing Medium- to Longer-term policy needs requiring a transnational approach (usually topic specific)	Variable	Usually Medium-Scale Projects (36-month duration, up to €350,000 for the budget requested to the EPA by the researchers from Ireland)
 Research Fellowships*	Annual EPA Research Calls	Research addressing Medium- to Longer-term policy needs; In response to specific topics or open calls	Calls opening in April/ May - with awards made in November / December	24- to 36-month Research Fellowship (up to €300,000)
 4-year EPA-IRC PhDs*	EPA-Irish Research Council Postgraduate Scheme	Research addressing Medium- to Longer-term policy needs; In response to open calls	Calls opening in September with awards made in March/April	48-month PhDs (up to €110,000)
 Fulbright-EPA Awards*	Fulbright Award	Research addressing Medium- to Longer-term policy needs; In response to open calls	Calls opening end of August with awards made in June	3- to 12-month duration (budget variable) for the Fulbright-EPA Awards
 Event Support	Event Support Scheme	Financial support for small, not-for-profit workshops, seminars, and other events showcasing Irish environmental research	Rolling Deadlines (31st March, 30th June, 30th September, 31st December)	Up to €3,000

\* Capacity Building

Funding will also be available through the [EPA Green Enterprise Scheme](#).

## Implementation of the EPA Research 2030 Framework

### EPA Research Funding

EPA Research funds research using a tailored suite of awards to achieve the [EPA Research 2030](#) objectives.

- [EPA Research Calls](#), which are competitive research calls for which the pre-award and post-award processes are managed by the EPA. This funding is aimed at:
  - Addressing medium- to longer-term policy needs with Desk Studies, Medium-Scale, Large-Scale and Capacity Development Projects funded via the EPA Research Calls using top-down (where specific research questions have been identified) and bottom-up (open calls) approaches; and
  - Capacity building with the funding of research fellowships.
- [Fast-track-to-Policy funding](#), which looks at providing evidence synthesis, review of policies, best practices to answer urgent emerging policy questions (addressing emerging short-term policy needs).
- [Evidence-based research agreements](#) (e.g. framework with the Economic and Social Research Institute and the Institute of Public Administration).
- [Strategic National Partnerships](#) for which the pre-award and post-award processes are managed by another research funding organisation. This funding is aimed at:
  - Addressing medium- to longer-term policy needs, with co-funding provided to other national research funders in areas of common priorities.
  - Capacity building, with funding of four-year PhDs or other researchers-based awards, as appropriate, via partnerships with strategic partners such as the Irish Research Council and the Fulbright Commission (bottom-up approach).
- [Collaborative Awards](#), by providing funding to enable the participation of the Irish research community under Joint Transnational Calls at EU and international level. The pre-award and post-award processes at transnational level are managed by the international network of funding agencies participating in the call, and the post-award processes for the Irish partners are managed by the EPA.
- [Event Support](#) for small conferences and workshops promoting environmental research in Ireland.

In addition, the [EPA Green Enterprise Scheme](#) under the umbrella of the Government of Ireland National Waste Prevention Programme is a funding programme to support innovators in Ireland to develop and demonstrate consumer and business solutions that will stimulate the circular economy. It is managed through the National Waste Prevention Programme and is co-funded by EPA Research.

## Post-award Monitoring to maintain quality, ensure policy-relevance and enable knowledge transfer

Research funded by the EPA is independent and is intended to contribute to the necessary debate on the protection of the environment. The involvement of policymakers and key end-users in the post-award monitoring of EPA-funded projects (i.e. as Steering Committee members) allows for on-going knowledge transfer between researchers and key stakeholders. This will facilitate the development of a more robust science-to-policy interface in Ireland.

## Accessible and Timely Research Outputs

Outputs from the EPA-funded research are made accessible to all, through the publication of EPA Research Reports, EPA Research Evidence Review Reports (for the targeted short-term evidence-based studies). Projects may also have specific outputs, which can include for example:

- Peer-reviewed publications (e.g. papers, posters, books, etc.);
- Non-peer reviewed outputs (e.g. newspaper articles, press releases, policy reports, radio, TV, presentation, infographics, etc.);
- Models and tools (e.g. methodologies, datasets, toolkits, etc.);
- Innovation (e.g. patents, NDA, trademarks, new products, etc.);
- Etc.

All funded projects are required to deposit their research data via an open access data repository.

## Engaged Communication and Dissemination

Communication and dissemination activities arising from EPA-funded research are strongly encouraged and monitored throughout the lifetime of funded projects. EPA-funded research is communicated to a wide range of audiences, while ensuring that the underpinning science is not compromised. Significant societal and behavioural change is required to respond to climate change and to environmental threats and opportunities.

**EPA Research 2030** reinforces the focus on communication activities at Research Project- and at Research Programme-level. The EPA also continues to investigate innovative and more environmentally-friendly ways to better communicate.



## Proactive Transfer of Knowledge

Research projects have the potential to yield great environmental, social and economic benefits. An important challenge for environmental policy is to make the best use of research results and new scientific findings to inform and underpin policy development and implementation. It is therefore crucial to communicate outputs from EPA-funded research projects to policy makers in a tailored, targeted, appropriate and accessible way for them to make evidence-informed choices when developing policies aimed at delivering sustainable solutions to environmental problems. In addition, citizen engagement in research (including through citizen science) is also a key medium to advocate for, inform and promote behaviour change. To be truly effective, knowledge transfer works a two-way process whereby knowledge outputs move are disseminated from a knowledge source to a targeted potential user, who then applies that knowledge in a meaningful and impactful way.

Knowledge Transfer activities are framed around target users' needs. Such transfer will be enabled by pro-actively engaging with key stakeholders and users of the research in the:

- Framing of the EPA Research Calls (co-design);
- Post-award monitoring to support and provide guidance for the EPA-funded research projects (co-development);
- Transfer of the knowledge outputs through strategically targeted communication and dissemination activities (co-creation).

**EPA Research 2030** actively supports knowledge transfer activities, both at research project-level (i.e. by the researchers) and at Research Programme-level (i.e. by the EPA). Proposed activities include, for example, but are not limited, focussed-policy workshops, devising of policy briefs, setting up 'knowledge hubs' (networks of experts and/or projects) in tandem with outreach activities and educational materials, combining the findings of multiple research projects (i.e. clustering projects).

## National Environmental Research Coordination

The EPA is responsible for the coordination of Ireland's environmental research. This is enabled by the EPA-led national environmental research coordination group (NERG), which aim at facilitating, supporting and promoting coordination, synergies and liaison between relevant cross-sectoral funding organisations; and at reducing the fragmentation and/or duplication of environmental research in Ireland.

The EPA-led national Climate Research Coordination Group, a sub-group of the NERG, is identified in the government's climate policies as the body representing the key actors in Ireland's climate change-related research activity. The Climate Research Coordination Group reports annually on its activities and provides an assessment and synthesis of key findings from the research programme and wider research activities every five years.

## Support towards Ireland's participation in EU Framework Programmes

The EPA actively supports Ireland's participation in EU Research Funding Framework Programmes (e.g. Horizon Europe 2021 - 2027). Working closely with the national support network in place, the EPA will engage with and influence the European research and innovation landscape through participation in programme committees and via collaboration with national and international stakeholders.

In the context of Horizon Europe 2021-2027, the EPA is involved in Clusters 5 (Climate, Energy and Mobility) and 6 (Food, Bioeconomy, Natural Resources, Agriculture and Environment), in addition to the Euratom research programme for 2021-2025, which compliments Horizon Europe.

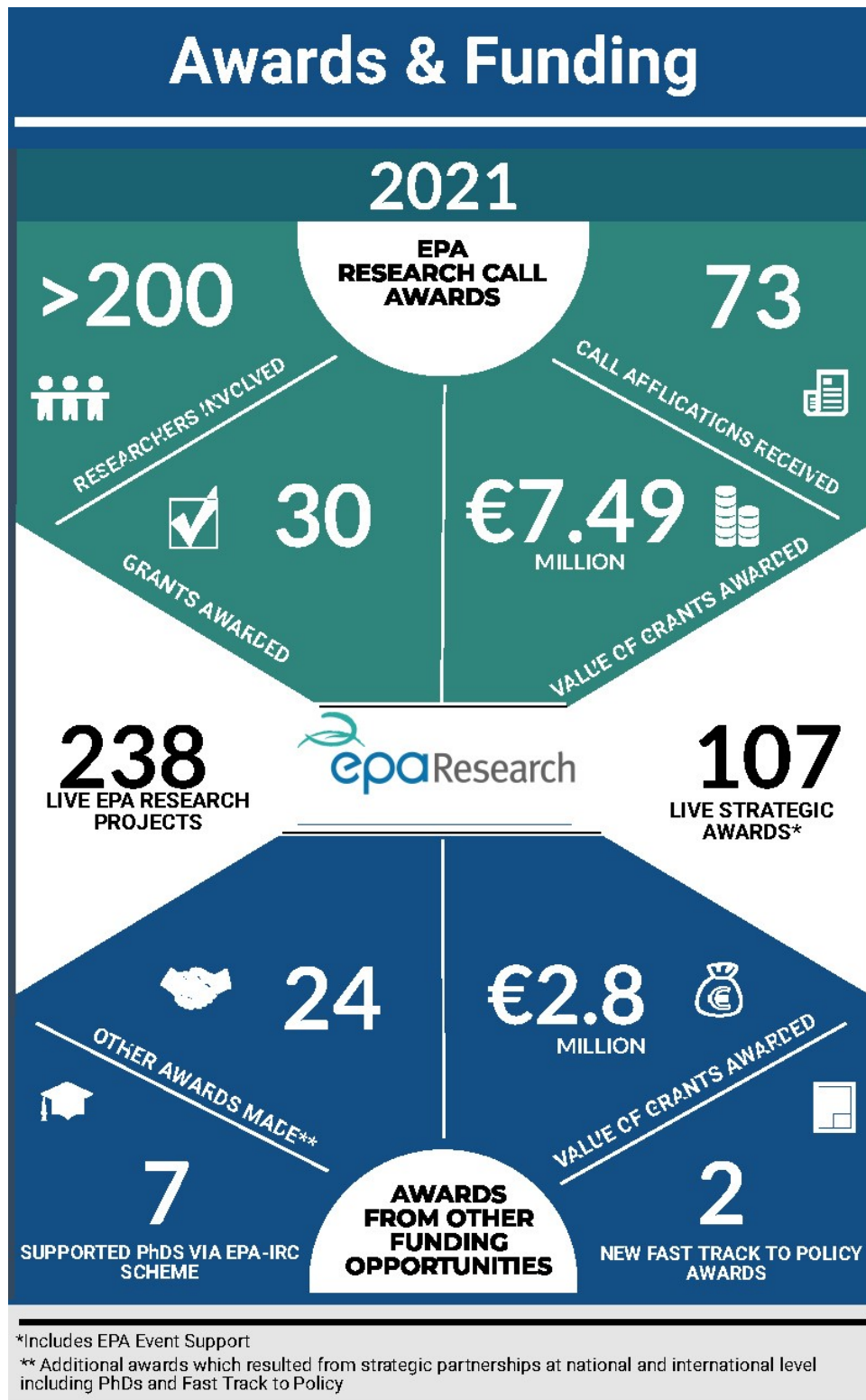
The EPA also continues its active participation in EU/International networks of strategic relevance to **EPA Research 2030** and importance to Ireland's research community, for example:

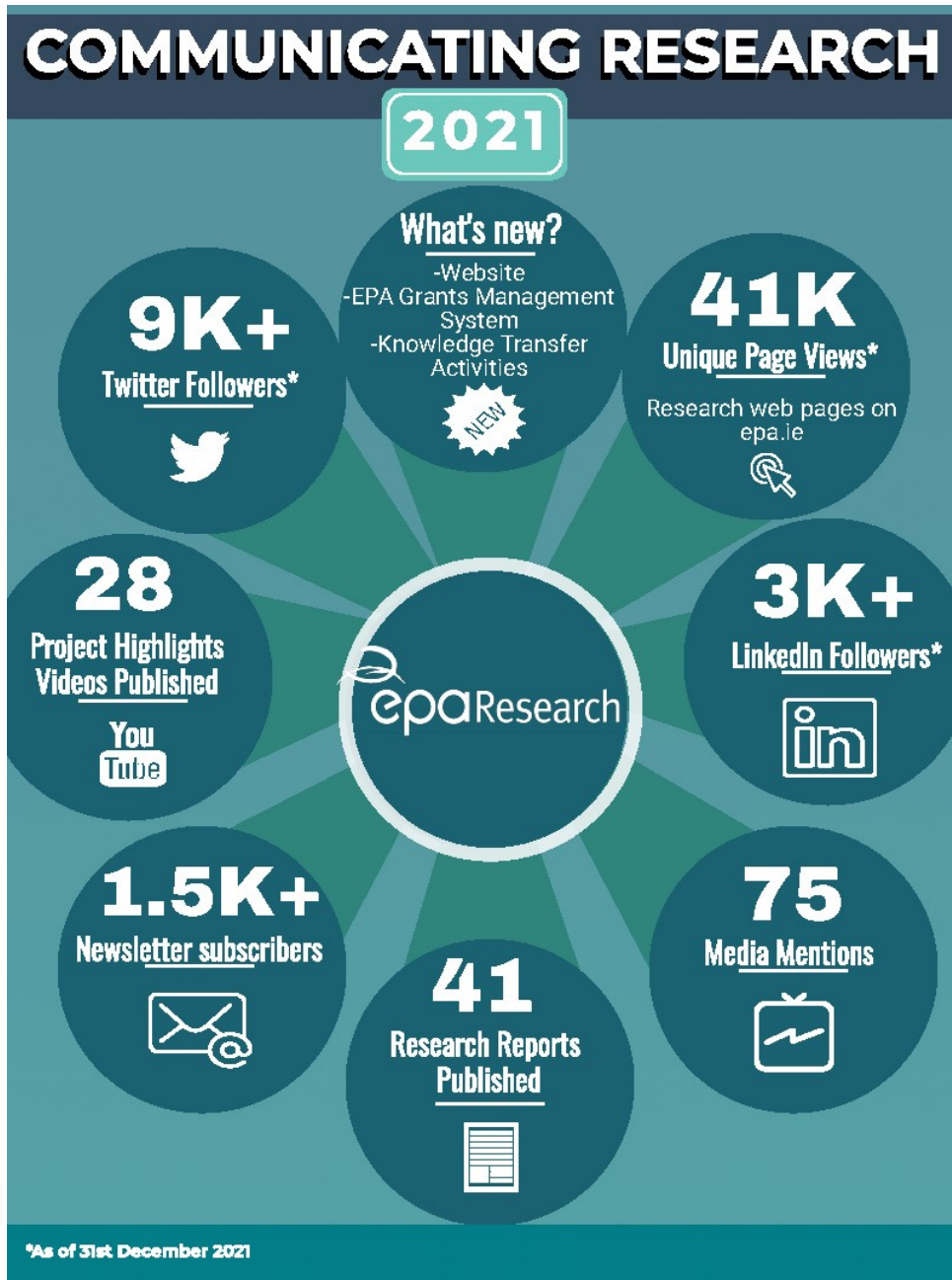
- Joint Programming Initiatives (JPIs) on Climate and Water;
- Network of funders in Biodiversity (BiodivERsA) and in Environment & Health (Env-Health);
- Horizon Europe Partnerships on Water (Water4All) and Biodiversity (Biodiversa+).

Resourcing and participation in other networks will be assessed on a case-by-case basis.



## 2021 Year in Review





## Key Performance Targets and Indicators

The implementation of a **Programme Logic Model** enables the EPA to measure the achievement of the objectives of the **EPA Research 2030** Framework and a series of indicators have been designed to capture the information required.

The following **Key Performance Targets and Indicators** were identified in 2021. These will be reviewed and revised in 2023 as/if required. Targets and Indicators which are influenced by and/or depending on factors outside the EPA's area of control are identified by (\*).

Ref.	Targets & Indicators	Outcomes	Measured by	Target	2021 Update
1	<b>EPA Research Funding Commitments</b>	Aligned research investments with key environmental challenges Funded high quality, responsive, timely and impactful research	2021 research priorities for inclusion in the 2021 Research Call identified following a deliberative process; and Fast track to Policy Funding mechanism piloted in 2021	Award of timely and policy-relevant projects and successful piloting of Fast-track to Policy Funding	<b>62</b> awards made in 2021 (€10.3m commitments) Consultation in 2020 <b>2</b> Fast-track to Policy studies awarded in 2021
2 (*)	<b>Funding leveraged by strategic partnerships and collaborative awards</b>	Ensured a cohesive approach with national and international funding strategies, and effective coordination of environmental research across national government departments and agencies	% Cofunding Commitments secured Vs. EPA Research Budget Commitments for new awards (EPA Research Calls only)	10% over 3 to 5 years	<b>19%</b> of the funding committed following the 2021 call will be provided by co-funding organisations.
3	<b>Funding leveraged by collaborative awards</b>	Facilitated successful involvement in European and international funding networks	% EPA Commitments towards Collaborative Awards Vs. EPA Research Budget Commitments for new awards (all new awards)	10% over 3 to 5 years	<b>4%</b> of the EPA Research Budget Commitments for new awards in 2021 were for Collaborative Awards

Ref.	Targets & Indicators	Outcomes	Measured by	Target	2021 Update
4	<b>EPA Research Programme Efficiency</b>	Funded timely funding of high quality, impactful, responsive, research with a strong focus on supporting policy development and implementation	% of Projects grant awarded within 6 months of Call Deadline (EPA Research Calls only)	90% over 3 to 5 years	<b>100%</b> in 2021
5	<b>Number of new PhDs supported in new awards made</b>	Increased national capacity in environmental research	% EPA Commitments towards EPA-IRC awards Vs. EPA Research Budget Commitments for new awards (all new awards)	10% over 3 to 5 years	<b>7</b> PhDs supported in 2021, i.e. c. <b>6%</b> of the EPA Research Budget Commitments for new awards in 2021 were commitments towards EPA-IRC awards
6	<b>Promoting an Integrated Approach in new awards made</b>	Supported relevant implementation actions and behavioural change interventions	% Medium-Scale, Large-Scale and Capability Development topics included in the call which are multi-disciplinary Vs. Total number of topics included in the call (EPA Research Calls only)	At least 50%	<b>70%</b> of the Medium-Scale, Large-Scale and Capability Development topics included in the 2021 EPA Research Call were multi-disciplinary
7 (*)	<b>Number of peer-reviewed Journal Publications supported</b>	Supported the excellence and competitiveness of the Irish environmental research community	Number of peer-reviewed Journal Publications (as reported by researchers and/or as measured using bibliometric online tools) per € 100 k of funding provided towards EPA Research awards (funded through the Call)	At least 1 peer-reviewed publication per € 150k of funding provided over 3 to 5 years	Based on limited amount of data available, i.e. completed projects since May 2021, data indicate <b>1.5 peer-reviewed publication per € 150k of funding</b> provided towards EPA

Ref.	Targets & Indicators	Outcomes	Measured by	Target	2021 Update
					Research awards funded through EPA Research calls
8	<b>Number of EPA Research Reports published</b>	Transferred actionable knowledge to key stakeholders and deliver accessible research outputs	Reduction of the time required between submission of draft report and reports published	Establish baseline and identify target in 2021	<b>41</b> Research reports published System put in place for establishing baseline (new statuses introduced on the EPA's Grants Management System)
9 (*)	<b>Research outputs have contributed to the debate on policy</b>	Funded high quality, impactful, responsive, and timely research with a strong focus on supporting policy development and implementation	Representation of policy /end-users on Steering Committees	At least 85% of our Steering Committees include a representative of a relevant policy-making body	<b>91%</b> of the Steering Committees set up for the EPA-managed research projects starting in 2021 include a representative of a relevant policy-making body
10	<b>EPA Knowledge Transfer Activities</b>	Transferred actionable knowledge to key stakeholders and deliver accessible research outputs	Award of the EPA Knowledge Transfer Contract	Contract awarded, list of activities and proposed indicators agreed	<b>Contract</b> was awarded to ERINN Ltd in October 2021. First implementation plan and KPIs due in 2022

## 2021 EPA Research Publications

Report Number	Title	Organisation	Hub
<a href="#">Research 360</a>	Methodologies for Financing and Costing of Climate Impacts and Future Adaptation Actions: Transport Networks in Ireland	National University of Ireland Galway	Addressing climate change evidence needs
<a href="#">Research SHEER</a>	Our Environment, Our Health, Our Wellbeing: Access to Blue/Green Spaces in Ireland	National University of Ireland Galway	Delivering a healthy environment
<a href="#">Research 361</a>	The State of the Art on the Potential Human Health Impacts of Microplastics and Nanoplastics	Dublin City University	Delivering a healthy environment
<a href="#">Research 362</a>	Evaluating Ireland's Climate Policy Performance	Dublin City University	Addressing climate change evidence needs
<a href="#">Research 363</a>	No Home for Plastic	VOICE Ireland	Facilitating a green and circular economy
<a href="#">Research 364</a>	Learning from Group Water Schemes: Community Infrastructures for Sustainable Development	Maynooth University	Protecting and restoring our natural environment
<a href="#">Research 365</a>	Developing Ireland's Greenhouse Gas and Transboundary Air Pollution Monitoring Network	National University of Ireland Galway	Delivering a healthy environment
<a href="#">Research 366</a>	An Investigation into WEEE Arising and Not Arising in Ireland (EEE2WEEE)	University of Limerick	Facilitating a green and circular economy
<a href="#">Research 367</a>	Particulate Matter from Diesel Vehicles: Emissions and Exposure	Trinity College Dublin	Delivering a healthy environment
<a href="#">Research 368</a>	Prevention, Control and Eradication of Invasive Alien Species	Institute of Technology Sligo	Protecting and restoring our natural environment
<a href="#">Research 369</a>	CIViC: Critical Infrastructure Vulnerability to Climate Change	University College Cork	Addressing climate change evidence needs
<a href="#">Research 370</a>	Potential Health Impact of Phthalates: An Irish Perspective	Dublin City University Water Institute	Delivering a healthy environment
<a href="#">Research 371</a>	Climate Change and Land Use in Ireland	Trinity College Dublin	Addressing climate change evidence needs
<a href="#">Research 372</a>	Using the OECD Water Governance Indicator Framework to Review the Implementation of the River Basin Management Plan for Ireland 2018–2021	Institute of Public Administration	Protecting and restoring our natural environment

Report Number	Title	Organisation	Hub
<a href="#">Research 373</a>	Using an Experimental Governance Lens to Examine Governance of the River Basin Management Plan for Ireland 2018–2021	Institute of Public Administration	Protecting and restoring our natural environment
<a href="#">Research 374</a>	Piloting Innovative Approaches in Sustainable Communities towards Achieving the United Nations Sustainable Development Goals in Ireland	Trinity College Dublin	Facilitating a green and circular economy
<a href="#">Research 375</a>	Development of Quality Standards for Compost and Digestate in Ireland	Cré – Composting & Anaerobic Digestion Association of Ireland	Facilitating a green and circular economy
<a href="#">Research 376</a>	From Source to Sink: Responses of a Coastal Catchment to Large-scale Changes (Golden Strand Catchment, Achill Island, County Mayo)	National University Ireland Galway	Addressing climate change evidence needs
<a href="#">Research 377</a>	Impacts of Microplastics in the Irish Freshwater Environment	University College Cork	Delivering a healthy environment
<a href="#">Research 378</a>	Towards the Quantification of Blanket Bog Ecosystem Services to Water	Queen’s University Belfast and University College Dublin	Protecting and restoring our natural environment
<a href="#">Research 379</a>	Policy Coherence in Adaptation Studies: Selecting and Using Indicators of Climate Resilience	MaREI Centre, Environmental Research Institute, University College Cork	Addressing climate change evidence needs
<a href="#">Research 380</a>	Innovative Water Monitoring	Munster Technological University and Hydrolight Ltd	Delivering a healthy environment
<a href="#">Research 381</a>	An Irish Nutrient Platform to Underpin Sustainable Development	The Irish Nutrient Sustainability Platform (NUI Galway and Queen’s University Belfast)	Facilitating a green and circular economy
<a href="#">Research 382</a>	Transitioning to Strategic Noise Mapping under CNOSSOS-EU (Noise-Adapt)	University College Dublin and Trinity College Dublin	Delivering a healthy environment
<a href="#">Research 383</a>	Towards a Good Practice Guide for Implementing CNOSSOS-EU in Ireland	University College Dublin and Trinity College Dublin	Delivering a healthy environment
<a href="#">Research 384</a>	ClimAtt: Tools for Climate Change Attribution of Extreme Weather Events	University College Cork and Oxford University	Addressing climate change evidence needs
<a href="#">Research 385</a>	Air Pollution Sources in Ireland	National University of Ireland Galway, Istituto di Scienze dell’Atmosfera e del Clima and University College Cork	Addressing climate change evidence needs



Report Number	Title	Organisation	Hub
<a href="#">Research 386</a>	The Status of Ireland's Climate, 2020	University College Cork	Addressing climate change evidence needs
<a href="#">Research 387</a>	GRACE Monitoring of Groundwater over Ireland – A Feasibility Study	National University of Ireland Galway	Delivering a healthy environment
<a href="#">Research 388</a>	Circular Economy Opportunities – Raw Materials Ireland Project	University of Limerick	Facilitating a green and circular economy
<a href="#">Research 389</a>	Evaluating the Multiple Values of Nature – ESDecide: from an Ecosystem Services Framework to Application for Integrated Freshwater Resources Management	University College Dublin	Protecting and restoring our natural environment
<a href="#">Research 390</a>	Nitrogen–Sulfur Critical Loads: Assessment of the Impacts of Air Pollution on Habitats	Trent University	Protecting and restoring our natural environment
<a href="#">Research 391</a>	Tiering of Environmental Assessment – The Influence of Strategic Environmental Assessment on Project-level Environmental Impact Assessment	University College Dublin	Protecting and restoring our natural environment
<a href="#">Research 392</a>	Guidance on Strategic Environmental Assessment–Environmental Impact Assessment Tiering	University College Dublin	Protecting and restoring our natural environment
<a href="#">Research 393</a>	Estimating the Quantity of Electrical and Electronic Equipment (EEE) Exported from Ireland As Used EEE	University of Limerick	Facilitating a green and circular economy
<a href="#">Research 394</a>	Identifying Interactions for Sustainable Development Goal Implementation in Ireland	University College Cork	Facilitating a green and circular economy
<a href="#">Research 395</a>	Cumulative Health Effects of Metal(loids) through Aggregate Environmental Pathways	University College Dublin	Delivering a healthy environment
<a href="#">Research 396</a>	Catchment Models and Management Tools for Diffuse Contaminants (Sediment, Phosphorus and Pesticides): DiffuseTools Project	University College Dublin	Protecting and restoring our natural environment
<a href="#">Research 397</a>	Framework for Achieving the Environmental Sustainable Development Goals	University College Dublin	Addressing climate change evidence needs
<a href="#">Research 398</a>	Eco-driving: Trends and Potential Impacts for Irish Heavy-duty Vehicles	Trinity College Dublin Ireland	Delivering a healthy environment
<a href="#">Research 399</a>	Mapping Green Dublin: Strategic Pathways to Community-led Greening	University College Dublin	Protecting and restoring our



Report Number	Title	Organisation	Hub
			natural environment
<a href="#">Research 400</a>	Use of Constructed Wetlands for Treating Mine Waste Leachates: Assessment of Longevity and Management Implications	University of Limerick	Protecting and restoring our natural environment

Additional Reports published (small-scale studies):

- [Gap analysis of research needs to understand the environmental dimension of antimicrobial resistance in preparation for iNAP2](#)
- [National Environmental Policies for the EPA State of Environment Report 2020](#)
- [Ex-Post Analysis of the Impact of National Landfill Policy for Greenhouse Gas Emissions in the Waste Sector](#)

Also:

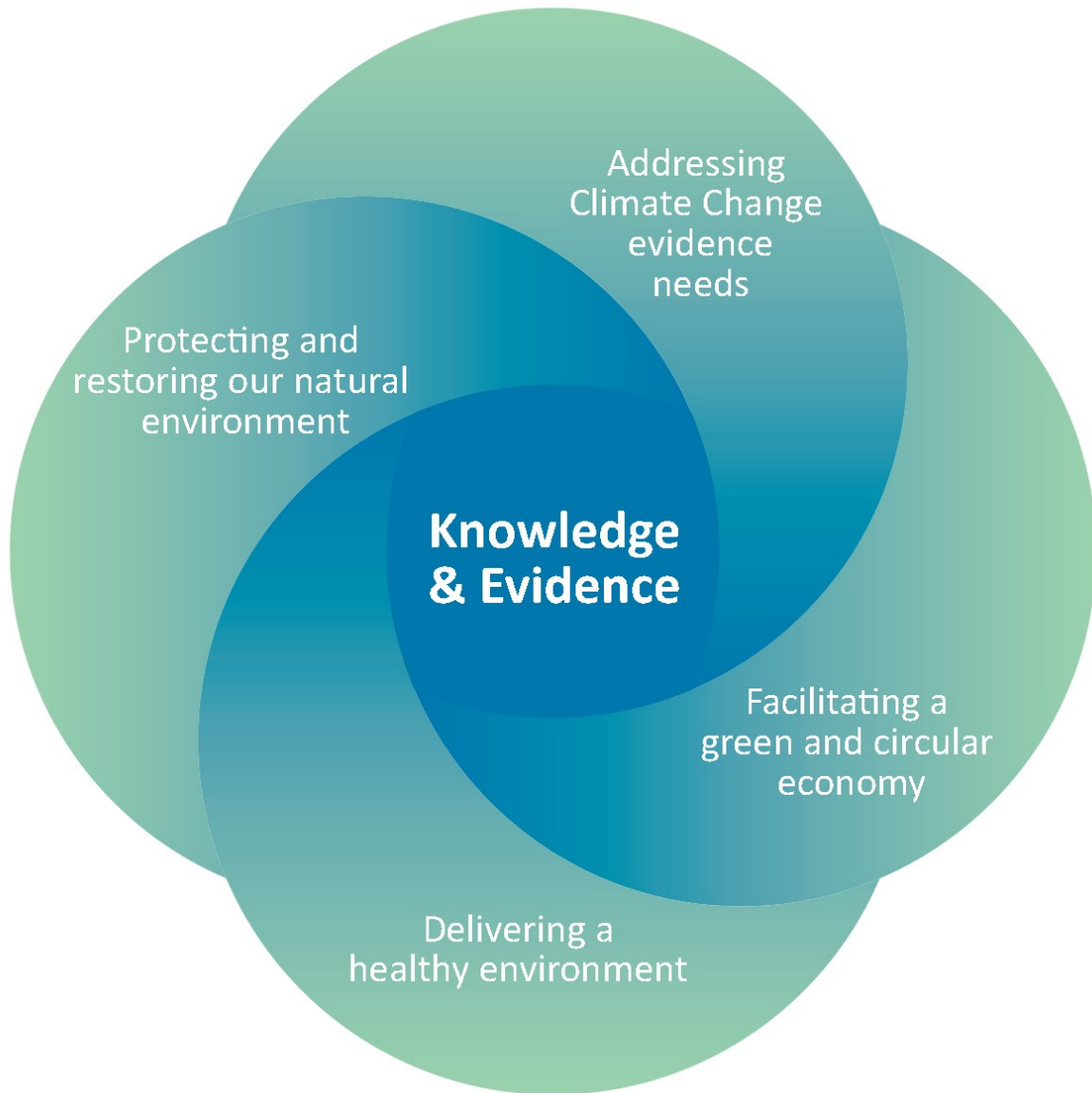
- [The Third CCRG Report of Activities 2020 \(Published July 2021\)](#)



## Related Documents

Related documentation is available from [www.epa.ie](http://www.epa.ie) and includes:

- [EPA Research 2030 Framework](#) (high-level roadmap for the EPA Research Programme from 2021 to 2030)
- [EPA Research 2030: 2021-2023 Thematic Research Areas Assessment](#) (identifying the arising priorities on a three-year cycle and used to inform the preparation of the Annual EPA Research Calls)
- [EPA Research Funding Documentation](#) (e.g. Guide for Applicants, Guide for Grantees, Call Technical Descriptions and Terms & Conditions), which will provide details the funding instruments, funding rules and opportunities (i.e. topics) and are prepared/reviewed on an annual basis.
- [Findings and Recommendations from regular Interim Reviews](#), which will assess if the objectives are being achieved and provide indications of any adjustments required.



### Our Commitments

- EPA Research 2030 commits to doing the right things, in the right way, at the right time, and this is reflected in **our stated values**:  
Excellence • Efficiency • Transparency and Integrity •  
Relevance and Impact • Innovation • Partnership