

AMR External Funding Resource Inventory for Research and NAP Implementation Across All Sectors

Purpose

Many countries continue to face significant financial barriers regarding the implementation of their National Action Plans on AMR. Of the 177 countries that have currently developed NAPs on AMR, only 11% have made provisions for funding in their development plans ([TrACSS 2023](#)). Country-level commitments to AMR funding are critical to ensure sustainable financing. Still, external financing sources are an important component of the AMR funding landscape, particularly for countries with fewer domestic resources. To facilitate awareness of and access to the diverse array of external funding sources, the Quadripartite Joint Secretariat on AMR has created an inventory of funding resources for implementation of multisectoral national action plans on AMR and for AMR research.

Structure

The resource inventory is arranged in a table to convey the following information on each organization:

- A description of the organization **mission** and how it relates to AMR
- What AMR-related **sectors** this organization is involved in
- The **funding opportunities** that the organization provides
- How implementing entities might **access** funding from the organization
- The **geographic coverage** of the organization's funding
- The average **size** of funding from this organization
- Links to information regarding **previously funded projects** to use as reference
- Organization contacts

This inventory will be published as a living document online; regular updates to this resource will ensure up-to-date information. Information on additional funding organizations will be added over time.

Methods

An initial list of AMR-related funding organizations was compiled through two sources: a Quadripartite resource detailing “*existing and potential financing resources for*

leveraging AMR One Health response,” and the synthesis report compiled by the United Nations Foundation for the Inter-Agency Coordination Group on Antimicrobial Resistance, *“Roles, responsibilities, and remit of UN organizations in relation to antimicrobial resistance.”* The resultant list of organizations was refined through expert review; notable missing organizations were added, and organizations were removed from the list if they lacked relevancy or funding potential for NAP implementation and AMR research.

Online research was conducted to fill the table with information regarding each of these organizations. Upon completion, each organization was contacted to verify the information gathered. This published table only contains information that has been verified by each funding organization.

As this resource is intended as a living document, this table is not intended to be comprehensive of all external funding sources for AMR. Research and outreach to additional funding organizations is ongoing, and additional funders will be added as information is collected and verified.

Please reach out to qtg-ea@who.int with any questions, revisions, or additions.

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| Organization | Organization Description | AMR Sector(s) | Funding Type | Mechanism | Geographic Focus | Average Scope | Example | Points of Contact |
|---|--|--|--|---|---|---|---|---|
| | A brief description of the organization's mission and how it might relate to antimicrobial resistance | What AMR-related sectors is this organization involved in? | What kinds of funding opportunities does this organization provide? | How might interested parties access funding from this organization? | In what regions of the world does this organization provide funding opportunities? | What is the average size of funding from this organization? | Where might users of this document be able to find information regarding previously funded projects from this organization? | The most relevant point of contact for users of this document with questions regarding funding or applications. |
| Global Fund to Fight AIDS, TB, Malaria | The Global Fund invests 4 billion USD annually to fight AIDS, TB, and Malaria. They have invested in AMR-related fields including Community Response and Systems, Global Health Security, and Resilient and Sustainable Systems for Health. | Human health | Country grants | Country-based cyclic application | LMICs | Tens of millions USD | The Global Fund has dedicated resources to contribute to health systems investment and pandemic preparedness, to combat AMR as part of its 7th replenishment investment case. This investment case hopes to collect 18 billion USD in total. | General "contact us" page: https://www.theglobalfund.org/en/contact/ |
| European & Developing Countries Clinical Trials Partnership (EDCTP) | EDCTP funds clinical research for medical tools to detect, treat, and prevent poverty-related infectious diseases in sub-Saharan Africa (including AMR and AMR-related diseases like TB and malaria). Funding categories include collaborative clinical research, clinical research capacity, and fellowships. Emphasis on phase II and III trials under EDCTP2 programme. Emphasis on phase III and IV trials and product-focused implementation research under Global Health EDCTP3 programme. | Human health | Grants, Fellowships, Tenders | Application (open competitive calls for proposals) | Africa, EU | Low millions to tens of millions USD | EDCTP has funded AMR-related projects in the past. They can be searched for on the public portal of EDCTP2-funded projects (https://www.edctp.org/edctp2-projects.aspx), or the full range of EDCTP2-funded projects can be found here: https://www.edctp.org/projects-2/ . Grants awarded under the Global Health EDCTP3 programme can be found here: https://www.globalhealth-edctp3.eu/projects | Lara Pandya, Strategic Partnerships (North) and Communications Manager, EDCTP Association (pandya@edctp.org); Jean Marie Habarugira, Senior Scientific Officer, Global Health EDCTP3 Joint Undertaking (Jean-Marie.HABARUGIRA@ext.ec.europa.eu) |
| European Bank for Reconstruction and Development (EBRD) | The EBRD was created in April 1991 to 'foster the transition towards open market-oriented economies and to promote private and entrepreneurial initiative'. Environmentally sound and sustainable investment is central to the EBRD's mandate. The EBRD 2019 Environmental & Social Policy is the first MDB ESP with specific references of AMR (IPR4 & IPR6) which was praised as EBRD's leadership by the G20 MoU declaration in Japan, in 2019. | Private Healthcare & pharmacy projects, Public & Private Partnership (PPP) hospital projects, Agribusiness (livestock sector) projects, Wastewater Treatment projects, and EBRD has provided AMR capacity building Technical Cooperation (TC) engagement for the client hospitals and larger medical communities in Georgia, Turkey, Ukraine and Egypt; AMR TC for the livestock sector, and Wastewater Surveillance TC for the wastewater sector. | Loans, Investments, guarantees | Application | The EBRD is active in almost 40 economies across three continents, from the Southern and Eastern Mediterranean, to Central and Eastern Europe, to Central Asia. | Average loan 17million Euro, Average Equity 14million Euro (these are actual investment rather than clients' borrowing figures) | Access information regarding previous projects using the Project Finder: https://www.ebrd.com/project-finder | Stanislav Suprunenko SuprunoS@ebrd.com Nobuko Ichikawa: IchikawaN@ebrd.com Environment & Sustainability Dept. (ESD) |
| European Health and Digital Executive Agency (HaDEA) | HaDEA implements the EU4Health Programme, which was adopted as a response to the COVID-19 crisis to reinforce crisis preparedness in the EU. EU4Health provides unparalleled EU financial support in the health area, and contributes to long-term health challenges by building stronger, more resilient and more accessible health systems. | Human health | Funding and tenders, restricted calls | Application | European Union | 500 thousand - 5 million Euros | Information regarding open and closed funding opportunities is available on the funding and tenders opportunities portal Information on restricted calls can be found at the following (note that not all of these actions are implemented by HaDEA) | HADEA-ENQUIRIES@ec.europa.eu |
| European Commission | The European Commission offers some opportunities for funding and tenders across many different sectors and programs, including health, water, and agriculture. | One health | Funding and tenders, financial instruments, prizes | Application | The Commission finances EU projects and Member States actions, as well as projects taking place in third countries | Tens of thousands of Euros; grant sizes vary | Examples of EU-funded projects can be found here: https://commission.europa.eu/strategy-and-policy/su-budget/performance-and-reporting/results-project_en | See specific funding opportunities for most relevant contacts |
| Foundation for Food and Agriculture Research (FFAR) | FFAR focuses its research projects on the following topics: soil health, sustainable water management, next generation crops, advanced animal systems, urban food systems, and health-agriculture nexus. | Animal health, agriculture, environment | Grants and prizes | Competitive applications and direct solicitations. | Global benefiting US agriculture. | Typically 100 - 300 thousand USD, some projects funded for approx. 1 million USD. | Example AMR-related grant: -Building a Common Language for Antimicrobial Resistance Between Human and Animal Health," awarded \$216,724 by FFAR. Link | grants@foundationfar.org (grants management team) |
| Global AMR Innovation Fund - Innovet-AMR (UK) (GAMRIF) | GAMRIF is a UK aid fund that supports early-stage innovative research in underfunded areas of antimicrobial resistance (AMR) research and development for the benefit of people in low and middle income countries (LMICs). | One Health focus | Partner funding | Partner-based | Global, but primary benefit must be to LMIC countries. Current working partners are based in Argentina, Canada, Switzerland, UK, USA. | 50k-3M | The Global AMR Innovation Fund - GOV UK (www.gov.uk) | GlobalAMRInnovationFund@dhsc.gov.uk |
| International Centre for Antimicrobial Resistance Solutions (ICARS) | ICARS partners with Low- and Middle-Income Countries (LMICs) and Territories to co-develop and test cost-effective, context-specific AMR solutions with potential for scale-up across the One Health spectrum, building on National Action Plans, and informed by intervention and implementation research. They engage with ministries, policymakers, researchers, healthcare professionals and veterinarians, civil society organizations, and the private sector. ICARS operates based on five core principles of Country Ownership, One Health, Partnership, Evidence-based Solutions Focus, and Sustainability. | Human Health, Animal Health, Environment, Agriculture, One Health | Partner funding, project funding | Expression of interest application through the relevant ministry in an LMIC (cyclic with deadlines 15/02, 15/06 and 15/10) | LMICs (included in OECD's DAC List of ODA Recipients) | Approximately USD 500K - 600K per project. Additional commissioned support for capacity strengthening and technical policy research | Previously funded projects: https://icars-global.org/our-projects/ Sample Expressions of Interest (first stage of application) from different sectors: https://icars-global.org/partner/partnering-with-lmics/ | contact@icars-global.org |
| The Joint Programming Initiative on Antimicrobial Resistance (JPIAMR) | JPIAMR coordinates national public investments from member countries to support joint transnational research and investigating AMR solutions with a One Health approach. Their six priority topics are: diagnostics, environment, interventions, surveillance, therapeutics, and transmission. | One health, Human health, Animal Health, Environment, Development (Research Only) | Grants | Application-solicited, partner-based | Global | 1-2 Million Euro per funded research project / average yearly funding approximately 25M Euro | This is an AMR-specific funding resource. Find details regarding previous initiatives under "Projects": https://www.jpiamr.eu/project-s/#/ | See specific funding opportunities for most relevant contacts: https://www.jpiamr.eu/calls/ |
| Medicines Patent Pool (MPP) | The Medicines Patent Pool is a UN-backed public health organization working to increase access to, and facilitate the development of, life-saving medicines for LMICs. | Human health | Internal resource mobilization Partner funding in the context of the mRNA Technology Transfer Programme | In the context of AMR, MPP does not provide funding to third parties | LMICs | In the context of AMR, MPP does not provide funding to third parties | N/A | Contact Us & Stay in Touch - MPP (medicinespatentpool.org); MPP Operations and Resources: operationsandresources@medicinespatentpool.org |
| Multi-Partner Trust Fund for AMR (MPTF) | The MPTF combats AMR through strategic collaboration, sustainable streams of capital, and SDG-focused responses that support localized "One Health" National Action Plans. Resource partners include UK, Sweden, Netherlands, Germany and EU-DG Sante. | One health | Partner funding, grants | Partner-based and Application | Global | Approximately USD 1 million per country project | See previous projects here: https://mptf.undf.org/fund/a/mr00 | Points of contact: https://mptf.undf.org/fund/a/mr00 |
| National Institute of Food and Agriculture (NIFA) | Related to the United States Department of Agriculture. It supports research, education, and extension activities in the agrifood sector. | Animal health, agriculture | Grants | Application | United States | Tens of thousands to several million USD, depending on the grant | NIFA has no history of AMR-specific funding. Previous projects can be found on Grants.gov under "search grants." https://www.grants.gov/web/grants/search-grants.html | See specific funding opportunities for most relevant contacts |
| The National Institute of Allergy and Infectious Diseases (NIAID) | The National Institute of Allergy and Infectious Diseases is a component institute of the NIH. NIAID conducts and supports research in its fields of immunologic, and allergic diseases. | Human health | Grants and contract funding; in-kind preclinical services | Grant application (solicited, unsolicited); Contract proposal (solicited); in-kind preclinical services | Global | Award-dependent. Typically, up to hundreds of thousands of dollars per award | Information on previous projects can be found by reviewing the "Antimicrobial Resistance" category in NIH's Research Portfolio Online Reporting Tools (RePORT), at: https://report.nih.gov/funding/categorical-spending#/ . | Dennis Dixon: dmdixon@niaid.nih.gov |
| Swedish International Development Agency (Sida) | The Swedish International Development Agency is a Swedish government agency that aims to reduce world poverty through programs funded through Swedish tax revenue. Sida offers funding across thematic areas that are of particular importance for combating poverty around the world. They are involved in AMR-related sectors including agriculture, environment, health, research, and water and sanitation. Sida collaborates with civil society organizations, multilateral organizations, private sector, public sector, and research partners in its initiatives. Sida's work is guided by five-year strategies decided by the Swedish government, which vary depending on region, partner, or topic. More about Sida's guiding strategies can be found here . | One Health | Partner Funding, Guarantees | Partner-based, with some calls for proposals to identify new cooperation partners. Some cooperation partners also announce research calls and grants, with support from Sida. | Sida has long-term partnerships with some 30 countries in Africa, Asia, Latin America, and Europe; these partnership countries are determined by the Swedish government. Sida also supports regional and global projects. | Funding amount depends on Agreement on Contribution between Sida and cooperation partner. | Information regarding current research calls and grants supported by Sida can be found here . Examples of Sida-supported projects by thematic area can be found here . Information on previous guarantees can be found here . | sida@sida.se |
| UK Research and Innovation (UKRI) | UKRI is made up of many councils that fund researchers and research organizations, businesses, universities, NHS bodies, charities, NGOs and other institutions. AMR is a specific area of investment and support; AMR-related funding is most likely to come through applications to the Medical Research Council (MRC) or the Biotechnology and Biological Sciences Research Council (BBSRC), but can be supported by all the councils depending on the focus of the research. Their research grants are mainly available to UK-based researchers but can also support international researchers as well. | Human health, Animal Health, One Health, Agriculture, Environment, Social, Arts & Humanities, Design, Engineering, Physics, Interdisciplinary | Grants and Fellowships | Unsolicited applications | Primarily UK but there are sometimes international opportunities | Very grant-dependent; ranges from tens of thousands of pounds to millions of pounds | See more information regarding previous funding here: https://www.ukri.org/what-we-do/what-we-have-funded/ | amr@mrc.ukri.org |
| Unitaid | Unitaid saves lives by making innovative health products accessible, available and affordable for people who need them most – fast. The organization identifies challenges that are slowing progress towards global health goals, finds and invests in innovative products and solutions, then works with countries and partners to take them to scale so people everywhere can benefit. Unitaid plays a unique role in the global health community by helping fast-track development, approval and accessibility of the most effective and needed health products to address the biggest health challenges affecting low- and middle-income countries. Unitaid provides funding and has unlocked access to more than 100 ground-breaking health products to help address the world's biggest health challenges, including HIV, TB and malaria; women's and children's health; and pandemic prevention, preparedness and response. | Human health | Grants | Application | Global | Tens of millions USD | Details of current calls can be found here . https://unitaid.org/calls/#en Past projects can be found here : https://unitaid.org/our-projects/#en | Grant application manager: proposalsunitaid@who.int |
| Wellcome Trust | The Wellcome Trust supports discovery research into life, health and well being with particular interest in mental health, infectious disease and climate and health. | Human health, environment | Grants, fellowships | Application (solicited, unsolicited) | Global | Up to 5 million pounds, depending on award | See information regarding previous funding here: https://www.wellcome.org/grants-funding/people-and-projects/grants-awarded | Contact us Who we are Wellcome. For AMR specific questions, contact Janet Midgley: j.midgley@wellcome.org or Tim Jinks T.Jinks@wellcome.org |
| World Bank Group | The World Bank Group finances government programs to support achievement of country development objectives, and support policy and institutional reforms of national and subnational governments by providing budget financing and global expertise. We also finance public projects to build physical and social infrastructure, and develop institutional capacity. | Agriculture and Food, Climate Change, Digital Development, Environment, Gender, Governance, Health, Infrastructure, Jobs, Migration, Water, Trade, Social Sustainability and Inclusion among others | Funding sources - IDA, IBRD, Trust Funds, and Recent financing initiatives (e.g. Global Concessional Financing and Pandemic Emergency Financing Facilities) : Bank Instruments include i) Investment Project Finance - project support and disbursement based on reimbursement of expenditures ring-fenced for a defined set of activities; ii) Development Policy Finance - general, non-earmarked budget support, disburses against policy and institutional actions; and iii) Program for Results - expenditure proram support, uses govt systems and disburses against achievement of defined and verified results. Financial Products include i) General Financing - credits, grants, and loans; ii) Hedging Products - interest rate, currency and commodity; and iii) Disaster Risk Financing - insurance pools, weather hedges among others" | Discussions on overall development priorities take place between the Bank and the Government and are formalized in the Systematic Country Diagnostic (SCD); AMR as a Health, Water or Agriculture sector priority is identified in the Country Partnership Framework (CPF) and a nominal funding amount is allocated towards a prospective loan **The World Bank can provide technical assistance to diagnose key issues and develop implementation plans, for example, Public Expenditure Reviews and other diagnostics**; The Minister of Finance and Head of Government agree with their relevant authorities to seek Bank financing for a sector (Health, Agriculture, Food) **A higher-level corporate process determines whether the financing available to a country is on credit or grant terms**; The Minister of Finance sends a signed letter to the Country Director of the Bank to request financing and a loan process is initiated. Clients of the World Bank can use World Bank financing for technical assistance and implementation support from UN agencies, including the World Health Organization and the Food and Agriculture Organization. This mechanism has been widely used through the COVID-19 pandemic for the provision of vaccines, with the World Bank and UNICEF partnering to support clients across the world. In many countries, the Government formally designated UNICEF as an implementation partner of choice to work alongside the World Bank as the lead financing partner. This can also help to ensure the use of global guidelines and approaches, which are led by WHO, FAO and OIE**** | Global | Tens to hundreds of millions of USD | See the list of previous funded projects here: https://projects.worldbank.org/en/projects-operations/projects-list?os=0 | The best point of contact is the country office. At the Global level, tmuthée@worldbank.org - lead for the Global AMR program. |
| World Trade Organization (WTO) | The World Trade Organization aims to help its members use trade as a means to raise living standards, create jobs and improve people's lives. It negotiates trade rules, oversees agreements, maintains open trade, and helps settle trade disputes. | Multilateral rules-based system that frames innovation, research and development, market access to inputs and finished products, related to | The WTO is not a funding agency. The WTO hosts the the Standards and Trade Development Facility, STDF, a global partnership with FAO, WHO, WOAHI and the World Bank. It also hosts the Enhanced Integrated Framework, EIF, the only multilateral partnership dedicated to assisting least developed countries (LDCs) use trade as an engine for growth, sustainable development and poverty reduction. | The WTO is not a funding agency. | Global. The WTO is a multilateral organization with 164 Members (will be 166 after the imminent accessions of Comoros and Timor Leste) | The WTO is not a funding agency. | Not applicable. | WTO How to contact the WTO |