

2022 Annual Report

Expanding Our Regional Presence & Impact



A Message From Our CEO

In the first few weeks of 2022, CRDF Global welcomed the new year with fresh energy, after achieving record growth in 2021 and welcoming significant numbers of new staff across its global offices. On the heels of a pandemic and with renewed appreciation for the value of community and collaboration, we embarked on an initiative to define and celebrate our company culture, capturing the values and perspectives that have enabled our important work and inviting new voices to ensure the continued openness and welcoming atmosphere of CRDF Global.

Along with our culture initiative, we invested heavily in the formalization of our Global Governance to support our rapid growth and facilitate consistency and efficiency across our growing geographic footprint. All departments were engaged in this effort, intentionally connecting our daily work with our values, our funders' objectives, and creating an operational foundation that will serve us for many years to come.

2022 also marked the year of one of our greatest challenges – the Russian reinvasion of Ukraine. Despite the forced evacuation of most of our Kyiv-based staff, the devastation to their homeland and surrounding tragedies, our team has never faltered in its support to the Ukrainian government. Their heroic commitment resulted in a stronger partnership, a position of trust and on-the-ground capability, and the opportunity to serve as the platform for the Cyber Defense Assistance Collaborative (CDAC) initiative.

Despite the immense obstacles, I could not be more proud of how this team served in the darkest moments and of how our global workforce rallied in support of their colleagues. Throughout a year that began in celebration of our culture and accomplishment, the essence of CRDF Global values and the importance of our mission was visible in high relief, all the more remarkable for its resilience under the greatest pressures.

With deep appreciation,



Mike Dignam
Chief Executive Officer

Who We Are

Why & Values



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Mission Areas



CBRNE Security & Counterproliferation

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Cybersecurity

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Core Capabilities & Integrated Solutions

Core Capabilities



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Security Strengthening

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Integrated Solutions



Program Design & Management

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Quality Framework

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Monitoring & Evaluation

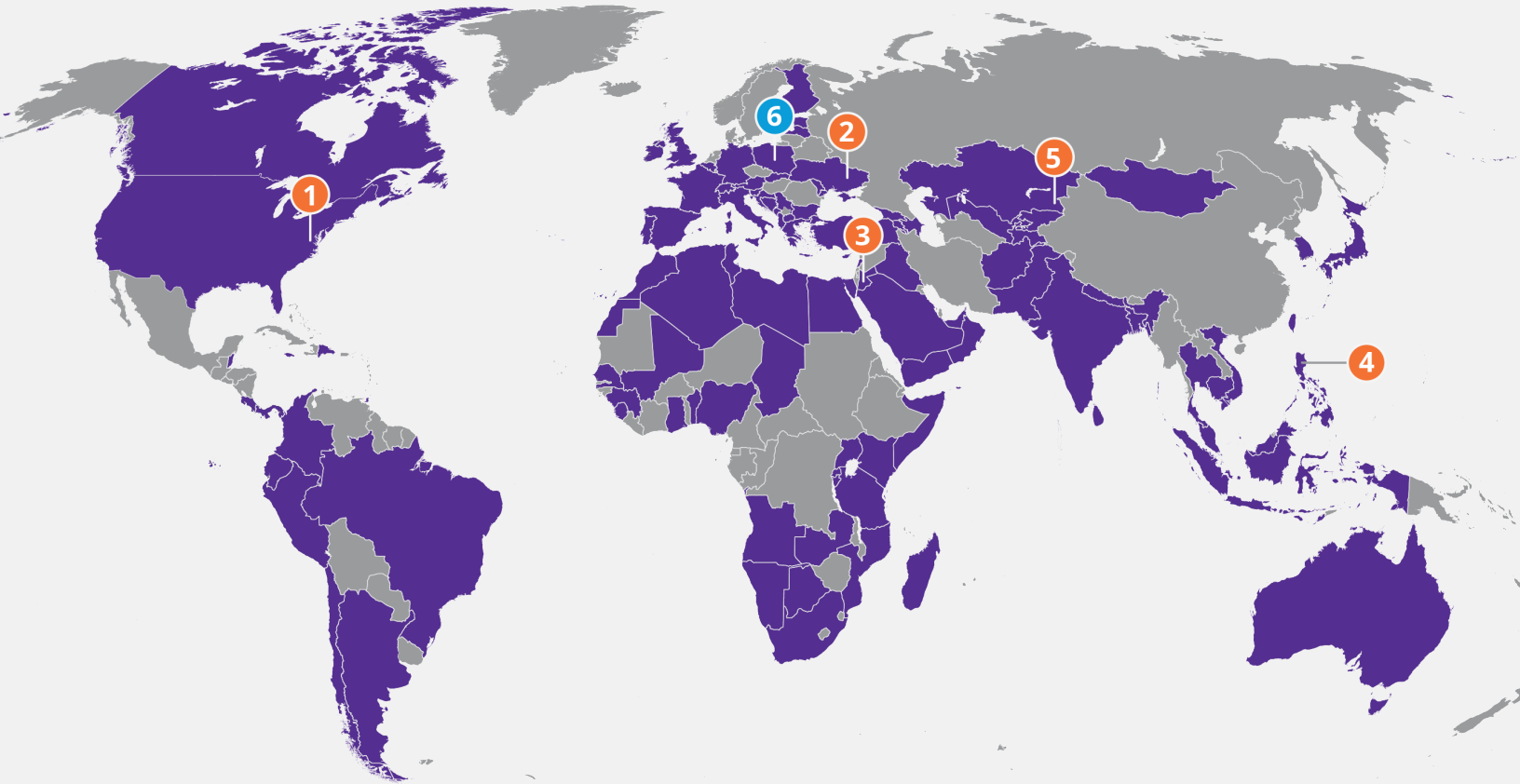
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Remote Training & Learning

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Global Footprint



Regional Hubs

- 1. North America
Arlington, Virginia, USA
- 2. Eastern Europe & Eurasia
Kyiv, Ukraine
- 3. Middle East & North Africa
Amman, Jordan
- 4. Southeast Asia
Manila, Philippines
- 5. Central Asia
Almaty, Kazakhstan

Field Office

- 6. Eastern Europe & Eurasia
Warsaw, Poland

KEY

**2022 CRDF Global
Impacted Countries**

Our Impact



Select Partners & Funders





Europe & Eurasia

Program Highlights



Development & Exchanges Promoting Cybersecurity through Sharing of Policies, Practices and Perspectives

1

As an implementer of the U.S. Department of State International Visitor Leadership Program, CRDF Global engaged 5 experts in cybersecurity and online disinformation from Bulgaria, Norway, Spain, and Slovakia in a 3-week professional exchange, titled “Promoting Cybersecurity.” The experts examined U.S. government efforts to manage cybersecurity risk and assess threats to critical infrastructure; discussed policies designed to ensure an open, interoperable, secure and reliable cyberspace; reviewed cyber education, research and development efforts; assessed the efficacy of Internet security legislation and protections for privacy rights and civil liberties; evaluated the role of the private sector in promoting cybersecurity; explored economic and national security impacts of malevolent cyber activities; and discussed strategies for U.S.-European collaboration to counter cyber threats. As they traveled through Washington, DC; San Antonio and Austin, Texas; Akron, Ohio and Boston, Massachusetts; the experts gained an appreciation for the diverse perspectives of various stakeholders within the American governmental, corporate, educational sectors.

Program Highlights



Global Health

Sharing Experiences and Shaping Priorities for Public Health Emergency Management

2

In August 2022, CRDF Global played a key role in organizing a workshop with the U.S. Centers for Disease Control and Prevention (CDC) and the

World Health Organization Regional Office for Europe (WHO/EURO) to convene Ministry of Health (MOH) leadership and staff to share public health emergency response experiences and best practices. The workshop, titled “Eastern Europe-Central Asia (EECA) Public Health Emergency Management (PHEM)” and held in Tbilisi, Georgia, garnered attendance from over 40 government staff from nine countries. Following the COVID-19 pandemic, several PHEM challenges have emerged within the region, including restrictive legal frameworks without clarity on how public health emergencies are handled, public health emergency operations centers with limited capacity, and nascent PHEM programs with limited staffing, training, and ability to respond rapidly. Through presentations, practical exercises, and interactive break-out sessions, many areas emerged as priorities for PHEM program strengthening and key recommendations were developed for continued regional relationship building.



Security

CBRN Protection Equipment and Gear Procurement for Ukraine

3

In response to Russia’s invasion of Ukraine CRDF global procured CBRN response equipment and gear for the Government of Ukraine, including suits, including suits, masks, cannisters, boots, gloves, decontamination wipes, detection kits,

and other relevant equipment and training materials. The equipment and materials are intended to protect front line soldiers against the use of chemical, biological, or radiological weapons agents by the Russian Federation in Ukraine. From March 16, 2022 through April, CRDF Global provided logistical support to assemble approximately 500 equipment kits, in close consultation with ISN/CTR staff. This project helped counter Russian aggression.



Middle East & North Africa

Program Highlights



Development & Exchanges Equipping Professional Fellows to Become Champions of Economic Empowerment

1

In October 2022, CRDF Global welcomed 14 Professional Fellows from Algeria, Egypt, Morocco and Tunisia who were selected as participants of the U.S. Department of State's Professional Fellowship Program (PFP). The PFP aims to

promote understanding, support the development of leaders, and build lasting networks between the U.S. and other countries through exchanges. The curriculum of this five-week PFP centered around economic empowerment and included segments on: small and medium business development, governmental policies around economic development, education and workforce development, and economic opportunities for women, youth, minorities, and marginalized populations. After their orientation and professional programming in Detroit, Michigan, the Fellows continued on to individually tailored fellowship placements with organizations in Detroit; Burlington, Vermont; San Diego, California; and Seattle, Washington. The group reconvened for the Professional Fellows Congress in Washington, DC., where they had the opportunity to network with over 200 fellows from other programs before returning home.

Program Highlights



Global Health

Initiating the Reimagination of Border Health Strategies

2

Recognizing the challenges, lessons and calls to action from recent public health crises, CRDF Global helped to organize the first Regional Border Health Symposium in Amman, Jordan in May 2022, in collaboration with the United States Centers for Disease Control and Prevention (CDC)

and Global Health Development | Eastern Mediterranean Public Health Network (GHD | EMPHNET). Nearly 60 border health professionals, who represented 7 countries in the Eastern Mediterranean Region (EMR) convened for the first "Reimagining Border Health Strategies in the EMR" event, to discuss border health lessons from COVID-19, health risks posed by travel to and from mass gatherings, and cross-border public health information sharing and collaboration. Engaging regional health organizations and border health professionals in productive dialogue created a foundation for future events and strategic collaborations to drive progress and break down barriers in the critical intersection of geographic borders and public health.



Security

First EXBS Jordan Maritime Security Implementation

3

Jordan holds a significant strategic importance as a partner to the DOS, and their maritime security is critical to their economy. CRDF Global, on behalf of the Export of Control Cooperation (ECC), Export Control and Related Border Security Program (EXBS), had its first engagement in

Jordan with a four-week course in the city of Aqaba. Aqaba handles approximately 80% of the country's imports and exports. The four-week training gave representatives of Aqaba Port Facilities, Jordan Customs, General Intelligence Directorate, and the Royal Jordanian Navy skills and knowledge to adhere to the International Ship and Port Facility Code. This training strengthened maritime security and taught practical approaches to interpret and implement compliance to the ISPS. Along with mastering the technical expertise, participants were empowered to become proficient trainers to further spread best practices throughout their networks.



Program Highlights



Global Health Strengthening Civil Engagement in Biosecurity and Biosafety in the Philippines

1

In response to increasing biosecurity and biosafety risks in the Philippines and the existing gaps in legislation to address those risks, CRDF Global organized a Strategic Policy Communications training in June 2022 to empower civil experts to engage their government leaders. Leveraging its in-country network of experts, CRDF Global arranged a two-day training on technical writing, private-public partnerships, grantsmanship, and policy strategy development for an audience of 20 Filipino biosecurity and biosafety professionals. CRDF Global partnered with Parliamentarians for Global Action (PGA), to deliver a one-day workshop to reinforce the strategies for these civil experts to engage their local government leaders in driving change. With this policy training layered on their individual area of expertise from research laboratories, hospitals and university settings, the 20 participants created a prioritized list of biosecurity and biosafety policy gaps, with the intent of engaging their parliamentarians to address those gaps with new legislation.

Program Highlights



Security

2

Increasing Capacity to Detect, Deter, and Disrupt Chemical WMD Events in Southeast Asia

CRDF Global, on behalf of the FBI Weapons of Mass Destruction Directorate and the Office of Cooperative Threat Reduction's Chemical Security Program (CSP), supported the implementation of three, three-day chemical security trainings, each for up to 20 law enforcement representatives, in the Philippines, Malaysia, and Indonesia. CRDF Global managed all venue logistics to ensure smooth trainings, including the simultaneous interpretation of presentations in Bahasa Malay and Bahasa Indonesia. Following the in-person events in Manila, Philippines, Kuala Lumpur, Malaysia, and Jakarta, Indonesia, CRDF Global further supported live, hybrid event implementations in Indonesia with three FBI trainers instructing via Zoom with Indonesia-Bahasa interpretation for the law enforcement audience. With localized trainings and translated instruction materials, participants gained a deeper awareness of current chemical security threats and mitigation tactics, increasing capacity in the region to detect, deter and disrupt chemical attacks.



Security

3

Enhancing Collaboration and Building Chemical Security Collaboration throughout Southeast Asia

On behalf of the U.S. Department of State's Office of the Nonproliferation and Disarmament Fund, CRDF Global implemented a 3-day roundtable event for 43 participants in Kuala Lumpur, Malaysia to enhance awareness and increase regional collaboration against chemical weapons attacks. The roundtable served as the first component of a 6-part curriculum, which was designed to build the joint capacity for information sharing between law enforcement and the chemical industry, and to increase the reporting of suspicious incidents. Audience members included representatives from law enforcement, government and regulatory agencies, and the chemical industries of Indonesia, Malaysia, and the Philippines. With sustainable channels of communication and information sharing established between these parties, law enforcement and chemical industry teams can more effectively collaborate to disrupt future chemical weapons attacks across their region.

Sub-Saharan Africa

Program Highlights



Global Health 1 Mapping Pathogens in the Democratic Republic of Congo for More Effective Crisis Response

With partners University of Nebraska Medical Center (UNMC) and the DRC's Institut National de Recherche Biomédicale (INRB), CRDF Global analyzed samples that corresponded with patients who tested negative for Ebola Virus

Disease (EVD) but presented with hemorrhagic-like symptoms. The sample supported the finding that many who tested negative for EVD were experiencing Malaria symptoms, and team recommended that samples be screened for EVD and Malaria during a hemorrhagic disease outbreak, as the public health response to the two diseases differs. This project provided new insight to pathogens in the DRC, expanded local genome sequencing expertise, provided a genomic resource for future comparative studies, enhanced biosecurity at the INRB, and improved coordination on disease surveillance in neighboring countries. Since this project, INRB scientists have used the hybrid capture sequencing protocol implemented during the project to rapidly sequence monkeypox virus samples collected within the Central African region to support the global response to the 2022 Monkeypox outbreak.

Program Highlights



Security

2

Building Counterproliferation Awareness Resilient Financial Institutions in West Africa

In September 2022, CRDF Global convened public sector compliance professionals for the “Counterproliferation Finance Workshop: Identify and Prevent North Korea’s Illicit Finance Activities in Africa” in Dakar, Senegal to support the development of resilient West African financial

institutions capable of withstanding malign interference from North Korea. With the support of Global Affairs Canada’s (GAC) Weapons Threat Reduction Program (WTRP), CRDF Global partnered with Kharon and the Inter-Governmental Action Group Against Money Laundering in West Africa (GIABA) to train 32 participants on international sanctions, UN Security Council Resolutions and Financial Action Task Force (FATF) recommendations, supply chain risks, counterproliferation open-source research techniques, and relevant African case studies, with the goal of preventing North Korea from generating revenue for its weapons of mass destruction programs. Participants gained counterproliferation finance skills, expanded their awareness of DPRK illicit activities, built meaningful industry connections within GIABA, and developed comprehensive compliance strategies throughout the workshop.



Security

3

Foundational Infrastructure for Responsible Use of Small Modular Reactor Technology (FIRST) Financing with Ghana

In October 2022, on behalf of the U.S. Department of State, CRDF Global implemented a virtual training series: A Three-Part Remote Foundational Infrastructure for Responsible

Use of Small Modular Reactor Technology (FIRST) Financing Consultancy at the Technical Working Level. Nearly 50 representatives from Ghana’s nuclear sector participated in the three-day event, which focused on introducing and reinforcing the importance of non-exploitative small modular reactor (SMR) financing options for Ghana. Unlike prior FIRST financing SMR trainings, this engagement included an additional component on the benefits of Organisation for Economic Co-operation and Development (OECD)-based nuclear financing, which exposed how predatory financing models are targeted at nations developing their civilian nuclear energy capacity which may appear fair on paper, but in practice end up placing nations in a dubious financial situation. Participants in the program gained insights into how to advance their clean energy goals under the highest international standards.

The Americas

Program Highlights



Development & Exchanges Supporting Collaboration of Global Health Scientists to Combat Swine Fever

1

In May 2022, CRDF Global provided coordination and logistical support for the 2022 Global African Swine Fever Research Alliance (GARA) Scientific Meeting and Gap Analysis which took place over three days in Punta Cana, Dominican Republic.

Approximately 160 people attended and approximately 39 countries attended this event and discussed enabling the progressive control and eradication of African Swine Fever. As a trusted partner of the United States Department of Agriculture's Agricultural Research Service, CRDF Global supports the Office of International Research Engagement and Cooperation (OIREC)'s mission to leverage mutually beneficial international research activities and deliver new knowledge and technologies to meet the demands of a growing world.

Program Highlights



Security

Building Capacity in Central and South America to Interdict North Korean Shipping

2

In October 2022, on behalf of Global Affairs Canada's Weapons Threat Reduction Program (WTRP), CRDF Global partnered with Key Bridge Advisors (KBA) and Compliance and Capacity Skills International (CCSI) to deliver a three-day training workshop in Panama City, Panama, titled

"Training Port, Customs, & Coast Guard to Interdict DPRK Shipping in Central and South America." The workshop engaged 31 representatives from naval, customs, coast guard, and other maritime organizations in Panama on topics related to maritime sanctions compliance; including methods of identification and interdiction of illicit North Korean shipping activities, how to respond to sanctions evasion tactics, and how to leverage the Automatic Identification System (AIS) information to identify transponder abuse. Participants increased their counterproliferation skills in a variety of areas, including using open-source investigative tools and techniques, analyzing and tracing cargo, and determining routes and merchandise that are often targeted by North Korea.



Security

Building Counterproliferation Finance Awareness in Brazil's Financial Compliance Community

3

In support of the Global Affairs Canada (GAC) Weapons Threat Reduction Program (WTRP) goal of combatting North Korea's Weapons of Mass Destruction program, CRDF Global convened a workshop for 19 compliance professionals in Brazil to raise awareness of the financial tactics

used by North Korea to generate revenue to fund its weapons program. In addition to increasing awareness of UN sanctions on North Korea, CRDF Global, and its implementing partner Kharon, aimed to help central bank officials and compliance officers in Brazil build robust compliance programs in their organizations, learn new tools and resources, implement due diligence efforts, reduce the incidence of UN Security Council Resolution violations, and bolster the regional enforcement of DPRK-related sanctions. Participants gained a strong set of actionable skills, and they created the beginnings of new networks that could facilitate the further dissemination of counterproliferation finance knowledge within the financial sector of Brazil.

Thought Leadership Events

Click to read more.



CBRNE Security & Counterproliferation

The Importance of Cooperative Threat Reduction Programs in 2022 and Beyond

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Cyberbiosecurity & Global Health

Cyberbiosecurity: The New Frontier of Counterproliferation

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CBRNE Security, Counterproliferation & Border Security

Examining Iran's Ballistic Missile Capabilities with Affiliated Expert Joe Brazda

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Russian Invasion of Ukraine

Steadfast and Determined, Ukraine Employees Inspire and Protect

At the time of the full-scale invasion of Ukraine in February 2022, the 44 employees of CRDF Global's Kyiv Hub Office were predominantly focused on building Ukraine's cybersecurity resilience. Although the team had spent most of the previous two years working virtually during the COVID-19 pandemic, they did not hesitate to protect, shelter and care for each other like family when their own safety was at stake.

As the attacks began, CRDF Global formed a response team to provide continuous and detailed support for employees and their families; established alternate office space and housing options in Poland; and encouraged employees to prioritize their families' safety over professional duties.

Despite displacement, lack of reliable utilities and ongoing attacks, the Ukraine team surpassed all expectations of CRDF Global and its funders, by not only continuing to fulfill program obligations but significantly increasing levels of capacity building support throughout a critical time in Ukrainian history. Our colleagues' endurance, bravery and love of country inspire us all – Slava Ukraini!



Our People

Total Number of Employees:

334

Percentage of Employee Growth

26%

Total Number of New Employees:

180

Financial Overview

	STATEMENT OF ACTIVITIES (USD)	2022	2021
REVENUES	Grants & Contracts	\$69,381,819	\$46,402,904
	Solutions Services	\$2,120,970	\$1,946,906
	Investment (Loss) Income, Net	(\$4,289,427)	\$1,657,611
	Total Revenues, Net	\$67,213,362	\$50,007,421
EXPENSES	Program	\$71,693,427	\$49,463,872
	General & Administrative	\$658,361	\$803,770
	Total Expenses	\$72,351,788	\$50,267,642
NET ASSETS	Change in Net Assets	(\$5,138,426)	(\$260,221)
	Net Assets at Beginning of Year	\$8,334,787	\$7,650,540
	Net Assets at End of Year	\$3,196,361	\$7,390,319

The 2022 and 2021 consolidated financial statements of CRDF Global were audited by Marcum LLP in accordance with generally accepted auditing standards.

2022 Board of Directors



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Gerald W. Parker Ph.D.

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Contact Us

Questions about CRDF Global or our 2022 Annual Report?

Submit an inquiry via the online form,
or please email us at info@crdfglobal.org

Locations

NORTH AMERICA
REGIONAL HUB

Arlington, USA

1776 Wilson Blvd., Suite 300
Arlington, VA 22209 USA
Tel: [+1-703-526-9720](tel:+1-703-526-9720)
info@crdfglobal.org

EASTERN EUROPE
& EURASIA HUB

Kyiv, Ukraine

MIDDLE EAST
& NORTH AFRICA HUB

Amman, Jordan

King Hussein Business Park
Building #7, 5th Floor
Amman, Jordan
Tel: [+962 6 5860003](tel:+962-6-5860003)

CENTRAL ASIA
REGIONAL HUB

Almaty, Kazakhstan

Abay Ave 151,
Business Center "Alatau"
Office 410
Almaty, Kazakhstan
Tel: [+7-727-339-27-91](tel:+7-727-339-27-91)
info@crdfglobal.org

SOUTHEAST ASIA
REGIONAL HUB

Manila, Philippines

Unit 2308, High Street South,
Corporate Plaza Tower 2, 26th
Street, Corner 11th Avenue
Bonifacio Global City, Taguig City,
Philippines
Tel: [+1-703-526-9720](tel:+1-703-526-9720)
info@crdfglobal.org

EASTERN EUROPE & EURASIA
FIELD OFFICE

Warsaw, Poland

12th Floor, Zebra Tower,
Mokotowska 1, 00-640 Warsaw

info@crdfglobal.org

Safety, security, and
sustainability through science,
innovation, and collaboration.