

**COMPLEX  
RISK  
ANALYTICS**  
Fund

CRAF'd Annual Report 2022

**FINANCE, CONNECT,  
& REIMAGINE  
DATA TO SAVE LIVES**

## **Credits**

This document was produced by the Secretariat of the Complex Risk Analytics Fund (CRAF'd). For additional information, please contact the CRAF'd Secretariat at [crafd@un.org](mailto:crafd@un.org).

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# EXECUTIVE SUMMARY



# THE YEAR 2022...

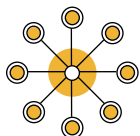
marked significant achievements for the **Complex Risk Analytics Fund (CRAF'd)**. Driven by the ambition to finance, connect, and reimagine data to save lives, CRAF'd partners committed **almost \$20 million in allocations to improve crisis action worldwide**. CRAF'd investments secured critical risk datasets as a common good, advanced groundbreaking analytics on climate fragility, and built a stronger global risk data ecosystem.

Less than a year after the Fund's launch, more than **40,000 users** in over **100 organizations** are now using CRAF'd-supported data and insights. As a result, nearly **\$10 billion in annual crisis assistance** reaches people **earlier, faster, and in a more targeted and dignified way**. Building on this momentum, the CRAF'd has directly enabled its partners to **better anticipate, prevent, and respond to crises** worldwide.



> 100

Organisations that use CRAF'd-supported data and insights.



> 40K

Users of CRAF'd-supported data and insights to better anticipate, prevent and respond to crises.



> 4M

Downloads of CRAF'd-supported data per year.

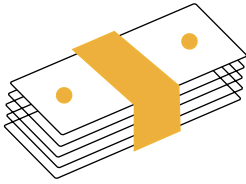


> \$10B

Crisis funding that arrives earlier, faster, and more targeted because of CRAF'd investments.

# FINANCE DATA TO SAVE LIVES

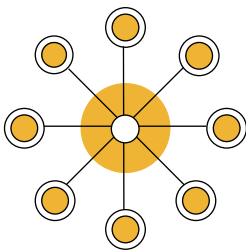
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In 2022, CRAF'd focused its initial investments on critical risk datasets to unlock their full potential. To this end, **CRAF'd partners jointly committed nearly \$15 million** to the [Armed Conflict Location & Event Data Project \(ACLED\)](#) - the world's leading real-time dataset on conflict. Securing ACLED as a common good has been critical for hundreds of partners, providing them with the data they need to respond to and anticipate crises. For example, the World Food Program uses ACLED data **to better anticipate food insecurity around the world and target its assistance to 160 million people**. With CRAF'd funding, ACLED has expanded its geographic coverage, improved public access to its data, including through the [Humanitarian Data Exchange](#), trained hundreds of partners, and developed new tools to help partners monitor, anticipate, and track conflicts.

# CONNECT DATA TO SAVE LIVES

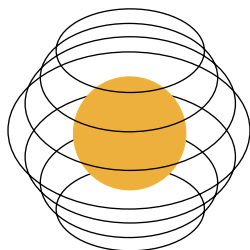
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In 2022, CRAF'd expanded its ecosystem of stakeholders, ending the year with over **20 core partner organizations** across the UN family, Member States, and non-governmental organizations. New donor partners joined CRAF'd, contributing almost **\$11 million to a stronger data ecosystem** — including the European Union, Finland, Germany, the Netherlands, and the United States by the end of 2022.

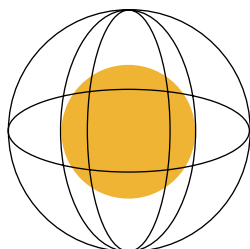
The broader network and additional funding allowed CRAF'd to build more robust connections between stakeholders throughout the year. For example, CRAF'd partnered with the World Bank's [Global Data Facility](#), to launch the [Data with Purpose](#) campaign. More than **10,000 people attended events** during the [Spring Meetings of the World Bank](#) and the 77th Session of the United Nations General Assembly to learn how data, analytics, and artificial intelligence (AI) can help save lives and livelihoods.

# REIMAGINE DATA TO SAVE LIVES



Investing in new approaches to data is a core purpose of CRAF'd. In 2022, the Fund launched its first open call for proposals for analytics and AI to better address the impacts of climate change in crisis settings. More than 60 organizations responded to the highly competitive call. With the support of leading experts, **CRAF'd partners awarded over \$4 million to renowned organizations**, including the [International Crisis Group](#), the [Peace Research Institute Oslo](#), the [Norwegian Refugee Council](#), and several UN organizations. The [investments cover](#) climate security early warning systems, multi-hazard risk monitors, and new geospatial insight tools.

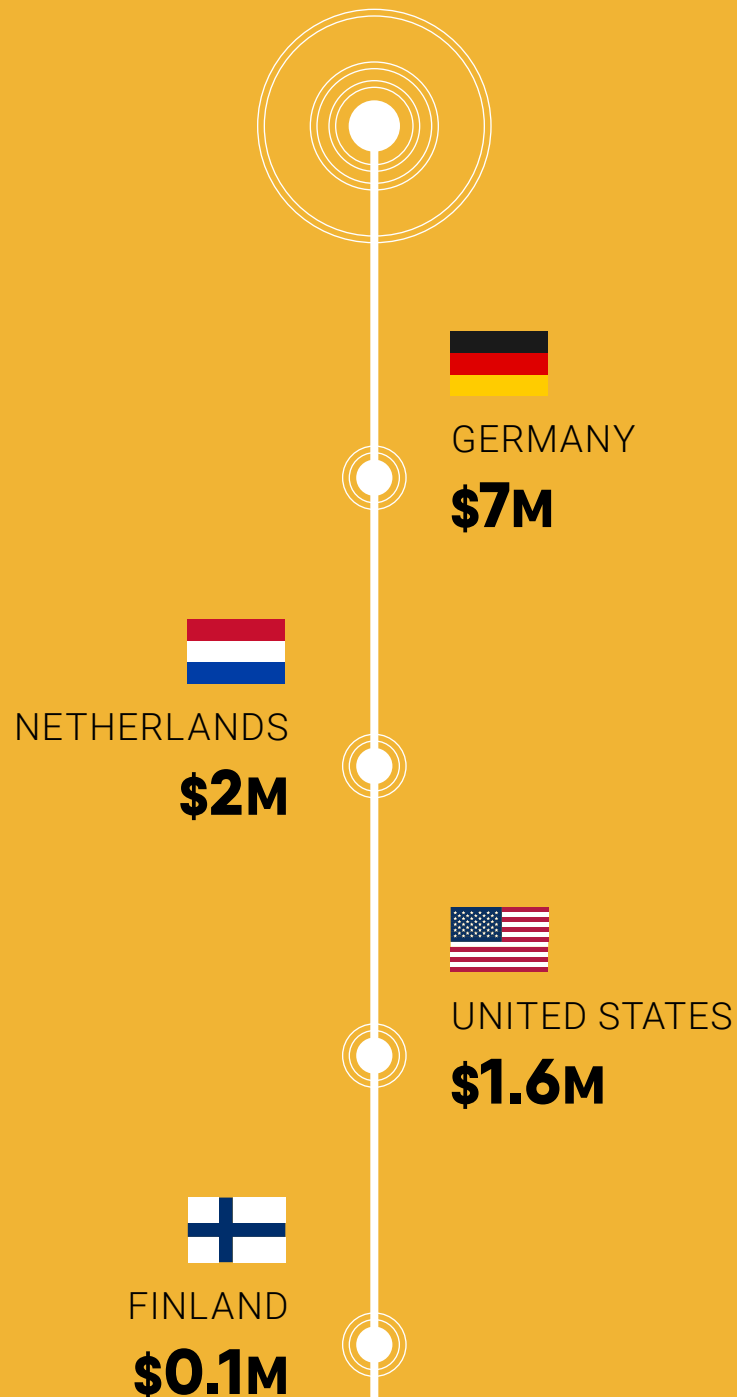
# SCALE CRAF'd IMPACT IN 2023 AND BEYOND



With strong foundations in place, CRAF'd partners are now preparing to scale their impact. Several new goals are on the horizon: **Mobilizing at least \$20 million annually with the support of new partners**, launching at least **two calls for proposals** per year, and developing a **new strategy** that will guide CRAF'd investments to support an ever-growing ecosystem of partners, unlock more value from data, and save more lives.

# \$11M

TOTAL CONTRIBUTIONS  
RECEIVED UNTIL THE  
END OF 2022



“

*With data-driven insights, we unlock pathways to the Sustainable Development Goals for those most at risk of being left behind. If we invest multilaterally, we optimize impact by creating scale and minimizing fragmentation. That is what CRAF'd is about.*

*Amina J. Mohammed, United Nations Deputy Secretary-General, at the CRAF'd Launch Event, October 2021*







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ABOUT CRAF'd

# CRAF'd...

is the first and only multi-partner instrument to finance, connect, and reimagine the data that saves lives. The CRAF'd mission is driven by the conviction that data, analytics, and artificial intelligence (AI) can help global partners better anticipate, prevent, and respond to the complex risks facing people and the planet in moments of crisis.

## CRAF'd THEORY OF CHANGE



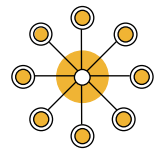
# FINANCE DATA TO SAVE LIVES

When it comes to data, analytics, and artificial intelligence, **pooling resources via joint financing is the most efficient strategy**. CRAF'd enables partners to reduce financial transaction costs, minimize duplication, scale up ground-breaking data investments, and secure data as a common good. Ultimately, the Fund helps unlock more resources for crisis action: With more than \$30 billion invested in global emergency response each year, **every 1 percent in data-driven improvements translates into \$300 million in gains for people and the planet** – as a result of earlier, faster, and more targeted action.



# CONNECT DATA TO SAVE LIVES

CRAF'd champions an ecosystem approach that recognizes the **interconnected nature of risks in crisis settings**. By investing in an extensive network of diverse stakeholders – **donors, UN entities, NGOs, academia, and technology partners** – CRAF'd helps connect data and that often remain locked in silos. These connections deliver tangible benefits, such as predicting food insecurity risks more accurately with the help of conflict data or enhanced crisis operations with more accurate estimates of affected populations.



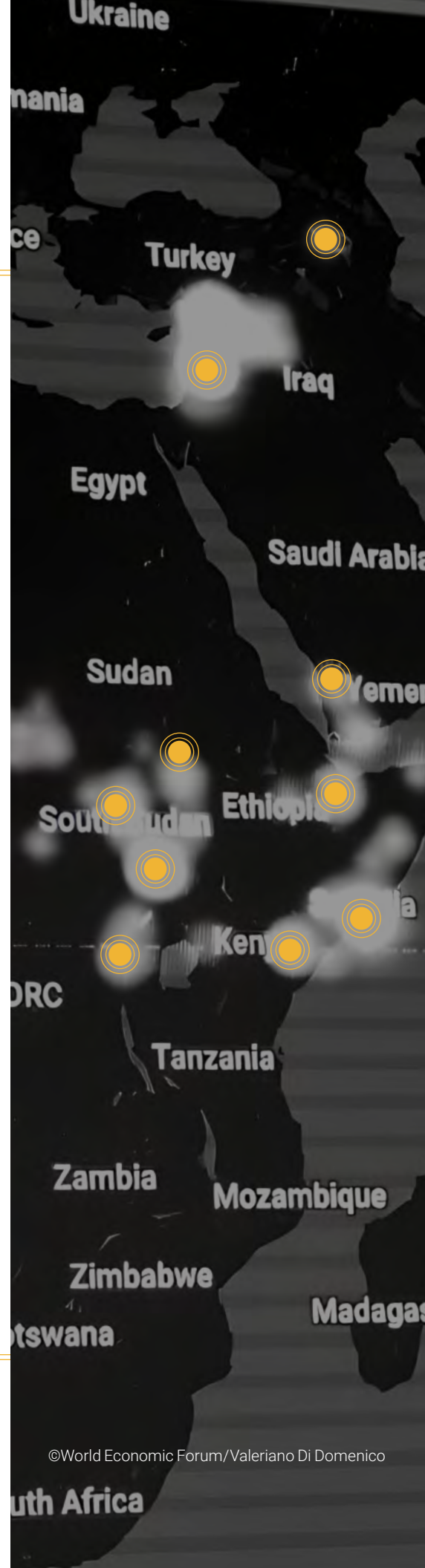
# REIMAGINE DATA TO SAVE LIVES

In today's digitally driven world, the emergence of **new technologies** and data-driven solutions creates tremendous **potential for enhanced crisis action**. CRAF'd is designed to help partners harness this potential at scale – in an open, secure, and responsible way. Integrating advanced analytics and AI into crisis response can be complex and costly. **CRAF'd makes this transformation more feasible**. By pooling resources, CRAF'd partners can scale their investments, share risks, and sustain benefits long-term, leading the way in cutting-edge crisis action.

“

*What started as a seminal idea to address a very real and practical challenge, the lack of coordination among countries to fund critical risk data for early warning systems, materialized in a multilateral process around CRAF'd. What unites us behind CRAF'd is one common vision of better policy outcomes for those in need by harnessing the full potential of data and new technologies.*

*Dr Tobias Lindner, Minister of State, German Federal Foreign Ministry, at the Data with Purpose event, September 2022*





The background is a solid orange color. Overlaid on this are numerous thin, white, curved lines that sweep across the frame from the bottom left towards the top right, creating a sense of motion and depth. These lines vary in length and curvature, some forming partial circles or arcs.

# **FINANCE DATA TO SAVE LIVES**





03

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## FINANCING ESSENTIAL RISK DATA

**243**

Countries and territories covered

**40K**

Users

**4M**

Downloads per year

**9**

Weekly updated analytical tools

# CRAF'd...

has demonstrated its commitment to secure data as a common good **with a first significant investment of \$15 million** over two years in the **Armed Conflict Location & Event Data Project (ACLED)**. ACLED is the world's **leading source of real-time conflict data**, supporting major early warning and early action systems across the globe.

## PROVIDING RELIABLE CONFLICT DATA WORLDWIDE

With CRAF'd funding, ACLED was able to continue providing real-time, disaggregated data worldwide. CRAF'd support also enabled ACLED's **40,000 users to generate insights that feed directly into evidence-based policymaking, strategic planning, and effective programming processes** around the world.

## ENABLING DEEPER INSIGHTS THROUGH ANALYTICAL TOOLS

CRAF'd support was instrumental in advancing **new ACLED initiatives**, such as the **Local Observatories**, which enhance data collection in low-information settings; the pioneering of the **Conflict Severity Index**, which measures the complexity of conflicts; and the development of the **Conflict Alert System**, which helps **forecast potential crises up to 6 months in advance**.

## EXPANDING THE CRAF'D ECOSYSTEM

CRAF'd funding enabled ACLED to expand the global risk data ecosystem. By formalizing partnerships with new organizations, ACLED facilitates **data sharing, collaborative analysis, and co-development** of public data products. In 2022, ACLED joined forces with **WorldPop** to develop a groundbreaking dataset to help partners better understand how conflict affects populations.



**71**  
ACLED partners

## EMPOWERING PARTNERS AND USERS

With CRAF'd support, ACLED continued to build partner capacity by **training hundreds of users** in data methodology, analysis, and visualization for hundreds of users.



**> 13**  
Trainings

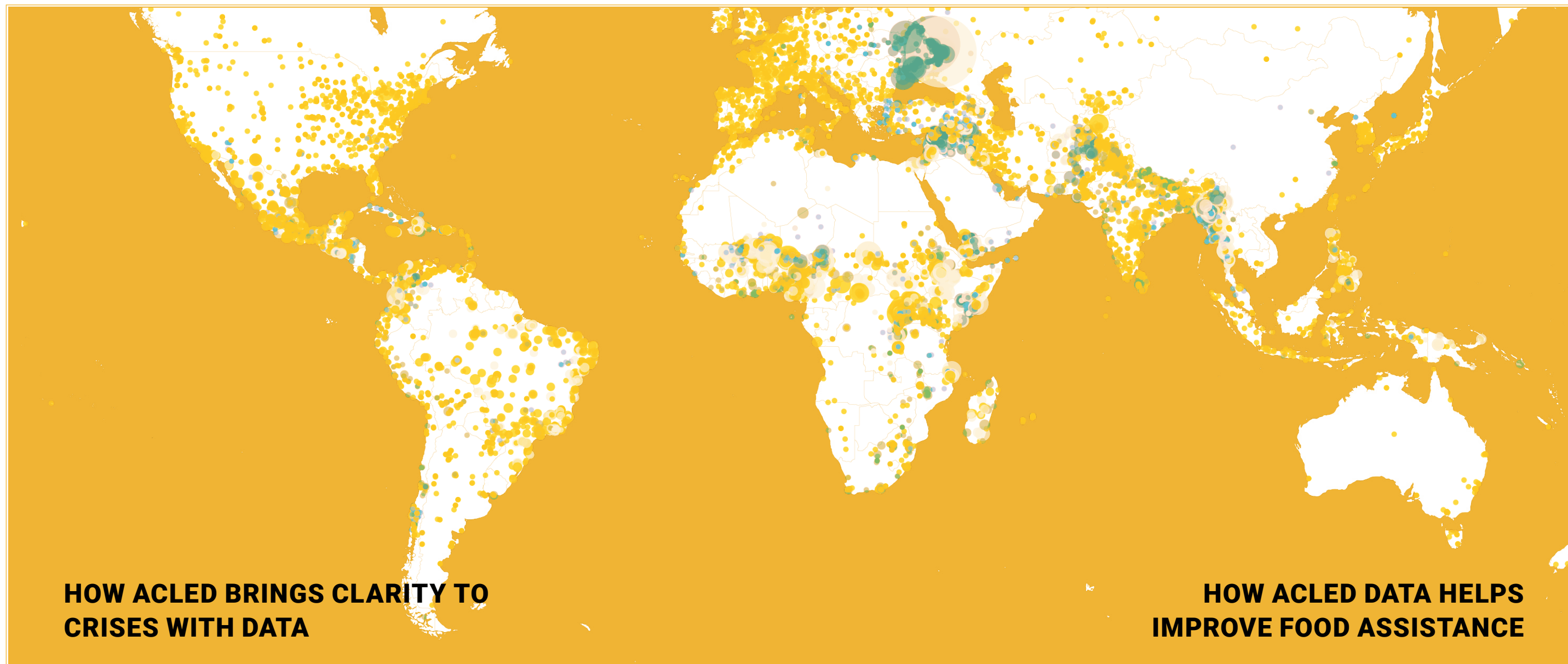


**> 230**  
Participants

“

*Individual countries or organizations are not able to fully leverage the tremendous potential of data and analytics for peace and security on their own: only by pooling our energy and funds through strong partnerships like CRAF'd can we act more effectively and prevent human suffering and safeguard international security.*

*Marcel De Vink, Deputy Director-General for Political Affairs, Ministry of Foreign Affairs of the Netherlands, at the CRAF'd Launch Event, October 2021*



## HOW ACLED BRINGS CLARITY TO CRISES WITH DATA

**ACLED is the leading source of real-time conflict data.** It powers most global early warning and action tools. ACLED collects comprehensive data on the dates, actors, locations, fatalities, and types of all reported political violence and protest events in **243 countries and territories**. Drawing on a broad network of partners and researchers, ACLED provides detailed, accurate, and timely conflict data and analysis that is **freely available to the public**.

## HOW ACLED DATA HELPS IMPROVE FOOD ASSISTANCE

**Conflict is a major cause of food insecurity worldwide.** The World Food Programme (WFP) uses ACLED data as a key component of its forecasting efforts, allowing it to optimally **support more than 160 million people**. For example, in the WFP **HungerMap** users can explore how ACLED supports real-time insights into food insecurity in nearly **100 countries and territories** worldwide. With data powered by CRAF'd, WFP is enhancing the allocation of over **\$10 billion in annual assistance** – reaching people in need **earlier, faster, and in a more targeted and dignified way**.



The background is a solid orange color. Overlaid on this are numerous thin, white, concentric circular lines. These lines are arranged in a way that they appear to be part of a larger, dynamic pattern, possibly representing data flow or connectivity. The lines are more densely packed in some areas and more spread out in others, creating a sense of movement and depth.

**CONNECT DATA  
TO SAVE LIVES**





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## EXPANDING THE CRAF'd ECOSYSTEM



**20**

Partners



**3**

New UN partners  
joined in 2022



**\$11M**

Received in  
contributions by  
the end of 2022

# IN 2022...

CRAF'd increased the reach and impact of its mission: to **expand and connect committed partners in a scalable, sustainable, and well-governed ecosystem**. More than **20 organizations** are now part of the CRAF'd ecosystem, including twelve from the UN family. Through joint efforts, CRAF'd partners have also made significant progress in leveraging additional resources.

## EXPANDING THE PARTNERSHIP

The CRAF'd ecosystem experienced significant growth, ending the year with **more than 20 partner organizations across the UN family, Member States, and NGOs**. Three additional UN organizations – United Nations Children's Fund, Food and Agriculture Organization, and International Telecommunication Union – joined CRAF'd in 2022, each bringing unique expertise and networks. This continued expansion not only validates the growing impact of CRAF'd, but also enriches the ecosystem's diversity and depth of the ecosystem.

## MOBILIZING CONTRIBUTIONS

Throughout 2022, CRAF'd made significant progress in mobilizing resources. Generous support from **Finland, Germany, the Netherlands, and the United States** laid the groundwork for CRAF'd to scale impact. Their substantial support was complemented by a pledge for 2023 from the **European Union**. By the end of 2022, **CRAF'd had received almost \$11 million in contributions** and catalyzed additional commitments to reach the **funding target of \$20 million** per year.



*Initiatives like CRAF'd ensure the availability and quality of data sources to feed into our conflict prevention and early warning models and tools, as well as the implementation of the triple nexus in conflict-affected countries.*

*Ambassador Olof Skoog, Head of the EU Delegation to the United Nations, at the CRAF'd Launch Event, October 2021*







05

## FORGING GLOBAL CONNECTIONS FOR SMARTER CRISIS ACTION

**2**High-level  
events**> 30**Stakeholders  
connected**2**Papers  
published**> 10K**Viewers  
& participants  
joined the  
events

# IN 2022...

CRAF'd and the World Bank's [Global Data Facility](#) launched the [Data With Purpose](#) campaign. Guided by the visionary leadership of UN Deputy Secretary-General Amina J. Mohamed and World Bank Managing Director Mari Elka Pangestu, the campaign **connected key players across the public and private sectors** to shine a spotlight on the transformative power of data.

## DEEPENING THE DATA POTENTIAL CONVERSATION

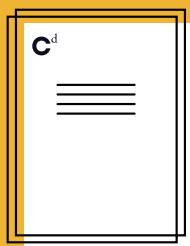
At the Spring Meetings of the World Bank in April 2022, the campaign convened global leaders and influential stakeholders to advocate for robust financial support for data for crisis action. A new policy brief, "[Unlocking Data for a Better, Greener, Safer Future](#)", explained the value of better data infrastructure for people and the planet.

The momentum was carried forward to the 77th Session of the **United Nations General Assembly** with the high-profile event "[Unlocking Impact: Data with Purpose](#)". The **event attracted more than 10,000 viewers** and highlighted the importance of aligned finance, data, and people to address global challenges. At the heart of the event, a new Investment Case "[Multiplying Progress Through Data Ecosystems](#)" illustrated the message that **investing in data has multifold returns**. For every dollar invested in data, there are up to \$32 in benefits for societies, environments, and institutions.



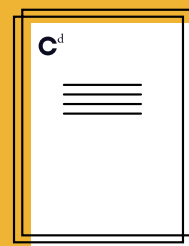
*Global crises are becoming more frequent and complex. It is therefore all the more essential for the international community to ensure that our analysis of these crises is solid and nuanced.*

*Anne Witkowski, Assistant Secretary for the Bureau of Conflict and Stabilization Operations, UNited States Department of State, at the Spring Meetings of the World Bank, April 2021*



## **POLICY BRIEF**

*"Unlocking Data For  
A Better, Greener,  
Safer Future"*



## **INVESTMENT CASE**

*"Multiplying Progress  
Through Data  
Ecosystems"*



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**REIMAGINE DATA  
TO SAVE LIVES**



06

## **HARNESSING ANALYTICS AND AI TO TACKLE CLIMATE FRAGILITY RISKS**



**\$4M**

Allocated for analytics to tackle climate fragility and ecosystem activities



**6**

Innovative projects

# AT THE HEART OF...

the Fund's mission is the profound belief in the **transformative power of data**. Today, there are opportunities to access more data, better technology, and broader networks than ever before. By investing in **predictive analytics, machine learning, and AI** CRAF'd is helping to lift this potential in an open, secure, and responsible way.

## TURNING DATA INTO INSIGHTS

In 2022, CRAF'd launched its first open call for proposals to find novel, data-driven solutions to climate-driven fragility and crisis. The response was extraordinary, with applications from **60 organizations across 30 countries**. The fact that the **funding envelope was more than ten times oversubscribed** illustrates the global demand and urgent need for data-driven approaches to crisis action.

Selected with the support of leading experts and scientists, the **six final projects are at the forefront of innovation**. The investments cover climate security, early warning systems, multi-hazard risk monitors, and new geospatial insight tools – all of which will also leverage existing CRAF'd investments.



“

*This allocation signifies a transformative phase for CRAF'd: Scaling the Fund's impact and reshaping crisis action so we reach people earlier, respond faster, and drive more targeted and sustainable results.*

*Guy Ryder, Co-Chair of the CRAF'd Steering Committee and UN Under-Secretary-General for Policy in the Executive Office of the Secretary-General*



# CLIMATE FRAGILITY PROJECTS

**\$700K**



## EEARTH

Groundbreaking early warning system that identifies and addresses pathways of climate-driven conflict in the Horn of Africa.

**\$700K**



## VIEWS-PIN

Cutting-edge forecasts on the impact of conflict and climate shocks on humanitarian needs across low- and middle-income countries.

**\$700K**



## INFORM WARNING

Innovative global risk monitoring tool that will help anticipate complex risks up to 1 year in advance, directly linked to crisis funding instruments.

**\$500K**



## CLIFDEW-GRID

Trail-blazing risk index on forced displacement resulting from slow-onset natural disasters, piloted in West and East Africa.

**\$700K**



## GEOGUARD

First-ever geospatial dashboard for decision-makers with insights on environmental and conflict risks across the Middle East, Central and West Africa.

**\$500K**



## ECOSYSTEM ENABLER

Pioneering small grants to foster global risk collaborations, research, and grassroots initiatives.



“

*These projects are seeds that we are planting for a stronger risk data ecosystem. With careful cultivation, they will grow into powerful tools to help us tackle climate risks and improve crisis action for people and the planet.*

*Ambassador Thomas Zahneisen, Co-Chair of the CRAF'd Steering Committee and Deputy Permanent Representative of Germany to the United Nations in New York*





07

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## STEERING THE COURSE TO REIMAGINE CRISIS ACTION

# IN ITS QUEST TO...

**reimagine crisis action**, the CRAF'd Steering Committee convened for the first time in June 2022 to reaffirm commitment to the CRAF'd mission, allocate an initial \$15 million in funding to ACLED, and pave the way for the open call for proposals on climate fragility.

## HOW CRAF'd IS CONVENING KEY PARTNERS

The CRAF'd Steering Committee is the main decision-making body of the Fund.

**The members comprise 5 representatives from the UN System and 5 financing partners:**

- △ **Executive Office of the UN Secretary-General (Co-Chair)**
- △ **United Nations Development Programme**
- △ **Office for the Coordination of Humanitarian Affairs**
- △ **United Nations High Commissioner for Refugees**
- △ **Department of Political and Peacebuilding Affairs/Department of Peace Operations**
- △ **Germany (Co-Chair)**
- △ **United States of America**
- △ **The Netherlands**
- △ **European Union**

The CRAF'd Steering Committee is co-chaired by the Under-Secretary-General for Policy in the Executive Office of the UN Secretary-General and the Ambassador and Deputy Permanent Representative of Germany to the United Nations. The **Multi-Partner Trust Fund Office** also participates as an ex-officio member without voting rights.



# COMPOSITION OF THE CRAF'd STEERING COMMITTEE



OCHA



UNHCR  
The UN Refugee Agency

CO-CHAIR



5

DONOR  
PARTNERS



5

UN PARTNERS



CO-CHAIR



VACANT



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**OUTLOOK**



08

# SCALING IMPACT FOR SMARTER CRISIS ACTION



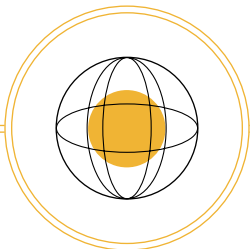
# IN 2023...

**CRAF'd has entered a new phase of its journey.** Having established a strong foundation in place and united partners behind a shared vision for data-driven crisis action, the Fund is poised to unlock even more value for crisis action:



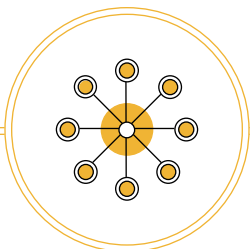
## SCALING INVESTMENTS

CRAF'd partners plan to launch **at least two open calls for proposals per year**. These calls will help support more essential risk datasets, groundbreaking analytics, and ecosystem investments. CRAF'd will continue to secure ACLED as a common good.



## PARTNERSHIPS AND RESOURCE MOBILIZATION

CRAF'd will bridge data gaps and break down siloes by growing the core partnership to **over 30 organizations**, with a **goal of mobilizing more than \$20 million in annual contributions**. New alliances will strengthen the Fund's capabilities and expand its reach.



## ECOSYSTEM STRATEGY

Working closely with global stakeholders, CRAF'd will develop a **new ecosystem strategy** to guide its investments. The goal is to foster collaboration, knowledge sharing, and cooperation among a broader range of stakeholders in crisis response and risk management over the long term.



“

*Data creates real value through new economic and impact opportunities, and cost savings through everything from process efficiencies to reduced corruption; of past investments has shown an average return of USD 32 for every dollar invested.*

*Investment Case: Multiplying Progress Through Data Ecosystems*



# CRAF'd ROADMAP

## 2021: SOWING THE SEEDS OF CHANGE

Uniting partners behind a vision for data-driven crisis action:

- Agreed on Terms of Reference.
- Operationalized CRAF'd and the Steering Committee.
- Set up CRAF'd Secretariat.
- Committed sustainable funding for ACLED.

## 2022: SPINNING UP THE CONCEPT

Unlocking the potential of data for better crisis action:

- Conduct **2+** open calls for proposals per year.
- Secure datasets and analytical tools on complex risks.
- Partner with **30+** donors and UN entities.
- Mobilize **\$20+ million** in annual contributions.
- Develop "Ecosystem Strategy" for targeted investments and activities.

## 2023+: SCALING IMPACT

Scaling up a sustainable and well-governed data ecosystem:

- Establish CRAF'd as the connective tissue in a growing ecosystem for crisis action.
- Strengthen the governance role of CRAF'd.
- Increase strategic investments and links for data, analytics and AI.
- Mobilize **\$25+ million** in annual contributions.

## LIST OF ABBREVIATIONS

<b>ACLED</b>	Armed Conflict Location & Event Data Project
<b>AI</b>	Artificial Intelligence
<b>CRAF'd</b>	Complex Risk Analytics Fund
<b>DPPA</b>	Department of Political and Peace Affairs
<b>DPO</b>	Department of Peace Operations
<b>EU</b>	European Union
<b>GDF</b>	Global Data Facility
<b>ITU</b>	International Telecommunication Union
<b>NGO</b>	Non-governmental organization
<b>OCHA</b>	Office for the Coordination of Humanitarian Affairs
<b>UN</b>	United Nations
<b>UNDP</b>	United Nations Development Programme
<b>UNHCR</b>	United Nations High Commissioner for Refugees
<b>WFP</b>	World Food Programme



**CRAF'd is the first and only multi-partner instrument to finance, connect, and reimagine the data to save lives.** CRAF'd is driven by the conviction that data, analytics, and AI can help global partners better anticipate, prevent, and respond to the complex risks in fragile and crisis -affected settings.

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crafd.io



@CrafdData



Company/CRAFd



Complex Risk Analytics Fund

