KEY MESSAGES

- Federal programs that support resilience span many sectors, agencies, and departments across the federal government, which makes the identification of an appropriate resource challenging, and can be a barrier for applicants—especially those without prior experience accessing federal programs.

- Climate Finance Advisors’ U.S. Public Sources for Climate Resilience Investment (US-CRI) database helps our clients navigate a variety of federal programs to compare uses, sectors, and geographies and determine the best fit for any given resilience project, plan, or initiative.

- CFA monitors developments in federal resilience investments (i.e., the passage of major acts, the creation of new programs, etc.) and creates periodic updates to the US-CRI database. The database was last updated in early 2022 and currently contains data from approximately 75 different funding mechanisms and 20 federal agencies and departments.

- Essential elements of information provided within the US-CRI database include program descriptions, financing information, eligibility criteria, application requirements, and more.

- Snapshots of select federal programs can be tailored to specific state government, or local government needs based on their resilience priorities, plans, and projects.
RATIONALE FOR THE US-CRI

- Federal programs that support resilience span many sectors, agencies, and departments across the federal government. There is no single resilience agency nor one-stop resource for identifying resilience opportunities within the federal government, which makes the identification of an appropriate resource challenging.

- The difficult, time-consuming nature of navigating various federal websites, understanding specific program priorities, and determining eligibility requirements can be a barrier for applicants—especially those without prior experience accessing federal programs.

- US-CRI helps to provide public entities and developers of public infrastructure projects with key information on several of the federal government’s flagship programs for funding climate adaptation and resilience investments.

- The database intends to support applicants in overcoming one of the first barriers to accessing federal funding—identifying appropriate resources for any given resilience project.

US-CRI OVERVIEW

A high-level summary of information included in US-CRI and opportunities for applicants.

“Successful investment in climate adaptation and resilience requires long-term planning, institutional capacity, and capital investment. This new database is aimed at helping U.S. states, tribes, territories, and local governments efficiently select programs that will support inclusive, equitable investment to build a more resilient future.”

Darius Nassiry, CFA Director

TOTAL OPPORTUNITIES

Approximately 75 federal funding programs related to climate adaptation and resilience

ADMINISTERING BODIES

Programs referenced from roughly 20 federal agencies and departments

TYPES OF PROGRAMS

A range of opportunities for applicants from up to hundreds of millions in grants, to up to hundreds of millions in loans, to non-monetary technical assistance*

* Examples include, Housing and Urban Development’s Community Development Block Grant, the Environmental Protection Agency’s Clean Water State Revolving Fund, and the Federal Emergency Management Agency’s Direct Technical Assistance program (non-financial)
PROGRAM AWARD AMOUNTS
Programs are categorized in buckets based on the range or average funding award per applicant. Where the award spanned multiple categories, the highest award category was used. Programs that offer non-monetary assistance are labeled as such.

Number of Programs | Size of Award
---|---
36 | Medium ($10,000 - $1 Million)
22 | Large ($1 Million - $10 Million)
12 | Very Large (Above $10 Million)
5 | Non-Monetary

TYPES OF PROGRAMS REPRESENTED
Programs included in the US-CRI offer different types of assistance such as grants, loans, and non-monetary assistance (i.e., technical assistance). Each program is categorized by the type of assistance it provides.

Number of Programs | Type of Program
---|---
60 | Grant
5 | Non-Monetary
3 | Credit Enhancement
2 | Loan
5 | Multiple

PRIMARY RESILIENCE THEME
Programs are identified based on various resilience themes. Where one program applied to multiple themes, the primary theme is represented in this graphic.

Number of Programs | Theme of Program
---|---
15 | Emergencies
14 | Water
8 | Coasts
6 | Environmental Justice
6 | Infrastructure
5 | Energy
5 | Health
4 | Working Lands/Conservation
4 | Waste
3 | Economic Development
2 | Transportation
2 | Transportation
US-CRI DATA FIELDS AND SOURCES

- The database represents a snapshot in time and is updated periodically to capture the latest developments in federal opportunities for resilience (i.e., the passage of major acts, the creation of new programs, etc.).

- CFA reviewed a variety of funding sources related to climate adaptation and resilience. Information provided in the database is sourced from federal agency websites and specific program documents such as notice of funding opportunities (NOFO).

- CFA also referenced reputable resources that compile a variety of funds such as Grants.gov, the Georgetown Climate Center’s Adaptation Clearinghouse, U.S. Climate Resilience Toolkit, and more.

- The US-CRI highlights program specific information most important to public decision makers and applicants alike. These essential elements of information include fund descriptions, eligible applicants, eligible activities, average funding award per applicant, and more. Figure 5 details the full set of data fields provided for each fund.

![FIGURE 5: DATA FIELDS INCLUDED IN THE US-CRI DATABASE](image)

**GENERAL FUND INFORMATION**
- Program Name
- Description
- Resilience Theme (e.g., Water, Emergencies, Environmental Justice, Economic Development, etc.)
- Administering Body
- Application Submission Deadline
- Overview and Application Links

**FINANCING INFORMATION**
- Program Type (e.g., Grant, Loan, Non-monetary, Credit Enhancement, etc.)
- Percent of Non-Federal Cost Share or Match Required
- Average Funding Award Per Applicant
- Term Period
- Pre- or Post-Disaster Funding
- Additional Funding Details

**ACCESS & PROJECT REQUIREMENTS**
- Eligible Applicants (e.g., State, Local, Tribal, and Territorial Governments, etc.)
- Eligible Activities (e.g., Planning, Capacity Building, Construction, Operations/Maintenance, etc.)
- Cost-benefit Analysis
PROGRAM SNAPSHOT USE CASES
A Program Snapshot can include a description of select programs along with administering body, range of funding available, percent non-federal cost share required, and a link to the program overview for each program included in the selection.

**Figure 6**
CFA provided customized snapshots to three U.S. state governments to help identify potential sources for catalyzing state-level resilience funds as a part of the European Union-U.S. Climate Alliance (EU-USCA) Climate Risk and Resilience Cooperation project.

**Figure 6 Caption:** An example snapshot provided to a state participating in the European Union-U.S. Climate Alliance (EU-USCA) Climate Risk and Resilience Cooperation included over 10 fields of detailed information on each program to support state decision-making and action.
A US-CRI Program Snapshot was provided to the *U.S. Climate Alliance’s Governors’ Climate Resilience Playbook* (2021) to support states, tribes, and territories in developing a federal resilience strategy—one of the 12 steps to building state resilience.

**Figure 7**

- **Building Resilient Infrastructure and Communities (BRIC)**
  - **Brief Description**: Building Resilient Infrastructure and Communities (BRIC) supports states, local communities, tribes and territories as they undertake hazard mitigation projects, reducing the risks they face from disasters and natural hazards. The BRIC program guiding principles are supporting communities through capability- and capacity-building; encouraging and enabling innovation; promoting partnerships; enabling large projects; maintaining flexibility; and providing consistency.
  - **Administering Body**: FEMA
  - **Funding Range**: Up to 6% annual set aside from post disaster grant funding. State, territory and tribal set-asides and national competition for balance, large and small grants. $919M expected in FY21, up from $500M in round 1 (FY20). Up to $1M award per applicant for capability and capacity-building efforts and $500K for mitigation-related activities.
  - **Required Match % (0-100)**: 10%

*Figure 7 Caption:* CFA’s snapshot included within the *U.S. Climate Alliance’s Governors’ Climate Resilience Playbook* provided a few key elements of information for member states and territories to gather additional information on selected funds.
DATA-DRIVEN INSIGHTS USING US-CRI

As part of CFA’s Climate-Finance IQ™ services, CFA can deliver a range of customized reports, analysis, assessments, and data visualizations.

With US-CRI, our clients gain data-driven insights to help:

1. Assess and compare federal programs, their access and eligibility requirements, and delivery of technical assistance or funding for various uses, sectors, and geographies.

2. Support program selection for public project developers and proponents seeking grants, loans, credit enhancements, or technical assistance.

3. Advise public entities in choosing programs to support specific resilience goals, planning, and project implementation to deliver on their climate resilience priorities.

LEARN ABOUT CFA’S DATA/RESEARCH OFFERINGS

CLIMATE RISK-IQ™ (CR-IQ)™

Tools for Climate Risk Analytics (TCRA): As climate risk assessment becomes increasingly critical for investment decision-making, the number of data and analytical tools that provide climate-related analytics is growing rapidly. CFA tracks data and analytics tools useful for investment decision-making (for both public and private investors) on an ongoing basis, with a view to helping clients identify and use the right tool for their climate risk assessment and management needs.

CLAITEME FINANCE-IQ™ (CF-IQ)™

International Climate Finance Database (I-CFD): A comprehensive repository of information on climate finance funds, facilities, and other sources around the world. CFA can help public and private organizations understand and access climate finance providers, the kinds of projects they are supporting, and their selection and access criteria.

U.S. Public Sources for Climate Resilience Investment (US-CRI): A compilation of U.S. Federal Funding sources related to climate adaptation and resilience. CFA can help state, local, tribal, territorial, and other local authorities identify and target the right funding sources for their projects and programs.

To engage with CFA on this issue, please contact CFAs Chief Operating Officer (christina@climate-fa.com)