

Purpose-Driven Partnerships



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Why engage in purpose-driven partnerships?

Imagine a world where innovation and compassion come together to tackle the most pressing challenges of our time.

Businesses possess resources, technology, and reach, while nonprofits have deep connections, trust, and insights into the needs of their community. Rarely do these strengths effectively collide, leaving impact and opportunity on the table.

Balancing purpose and profit is an art. The National Institute of Building Sciences brings the best of both the private sector and nonprofits to create unmatched value for our clients and communities.

Who we are

Nearly 50 years ago, the U.S. Congress established NIBS in the Housing and Community Development Act of 1974, recognizing the need for an organization to serve as a convener between government and the private sector to bring all interests together by supporting advances in building science and technology to improve the nation's built environment.



Vision

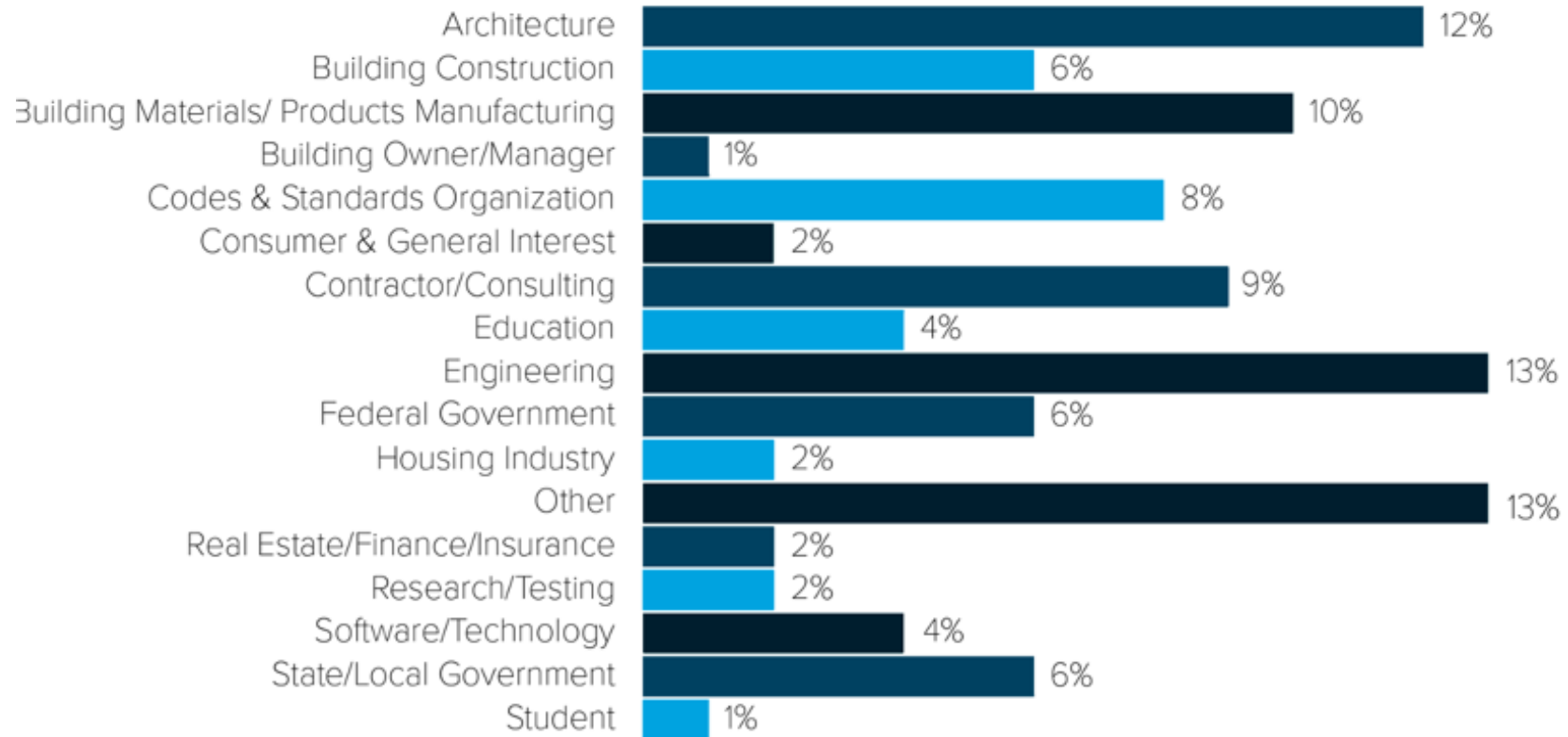
Improving lives through collaboration to integrate science into the built environment.



Mission

To serve the public interest by advancing building science and technology to improve the built environment.

Our Members



Our Value



Innovation and Expertise:

Partnering with leading technology firms and corporations, we bring cutting-edge solutions to our projects, ensuring that they are scalable, efficient, and forward-thinking.



Community-Centric Focus:

By teaming up with nonprofits, we ensure that our solutions are tailored to meet real community needs, leveraging their deep-rooted insights and strong local networks.



Sustainable Impact:

Our partnerships are designed to achieve measurable social and environmental outcomes, aligning with the growing consumer demand for corporate social responsibility and ethical business practices.



Mutual Growth:

Businesses gain a competitive advantage and enhanced brand reputation, while nonprofits gain access to resources and expertise that expand their impact.

Benefits of Sole Source Authority



Reduced risk by minimizing the number of supplier relationships to manage.



Quicker acquisition process without a competitive bidding process



Opportunity to build partnerships with the supplier.



Improved product quality



Streamlined costs

How it works

Identify Common Goals

We work with both private sector companies and nonprofit organizations to find common areas of interest and mutual goals, such as improving healthcare access, enhancing education, or promoting sustainable practices.

Collaborative Development

Leveraging a collaborative model, we bring together the technical acumen and resources of businesses with the grassroots knowledge and authentic community connections of nonprofits.

Implementation and Scaling

Utilizing the strengths of both partners, we launch pilot initiatives, measure their impact, and scale successful models for broader application.

Impact Measurement

We are committed to transparency and accountability, providing regular impact reports to stakeholders, detailing both the business benefits and the social outcomes achieved.

Our services

NIBS maintains expertise in a variety of areas to serve the needs of our clients and advance the built environment. As evidenced by our projects and cadre of internal and external experts, we provide the diverse expertise necessary to deliver results. Through the strategic use of expertise in the following areas, NIBS develops and executes cost-effective solutions to industry or client issues.



Integration of Cross-Discipline Expertise



Independent Review, Validation, and Research



Tool Development



Strategy and Visioning



Facilitation



Education and Training



Subject Matter Expertise



Criteria, Guidelines, and Best Practices



Program and Project Management

Our Areas Of Impact

NIBS represents an industry that has more than 733,000 employers* and creates over 7.56 million** construction jobs, as of December 2021. Each year, the industry creates nearly \$1.4 trillion worth of structures.



Industry Leadership and Advocacy



Security and Disaster Preparedness



Facility Performance and Sustainability



Information Resources and Technology

*<https://www.bls.gov/iag/tgs/iag23.htm>

**<https://www.agc.org/learn/construction-data>

Our Clients



VA



U.S. Department of Veterans Affairs



FEMA



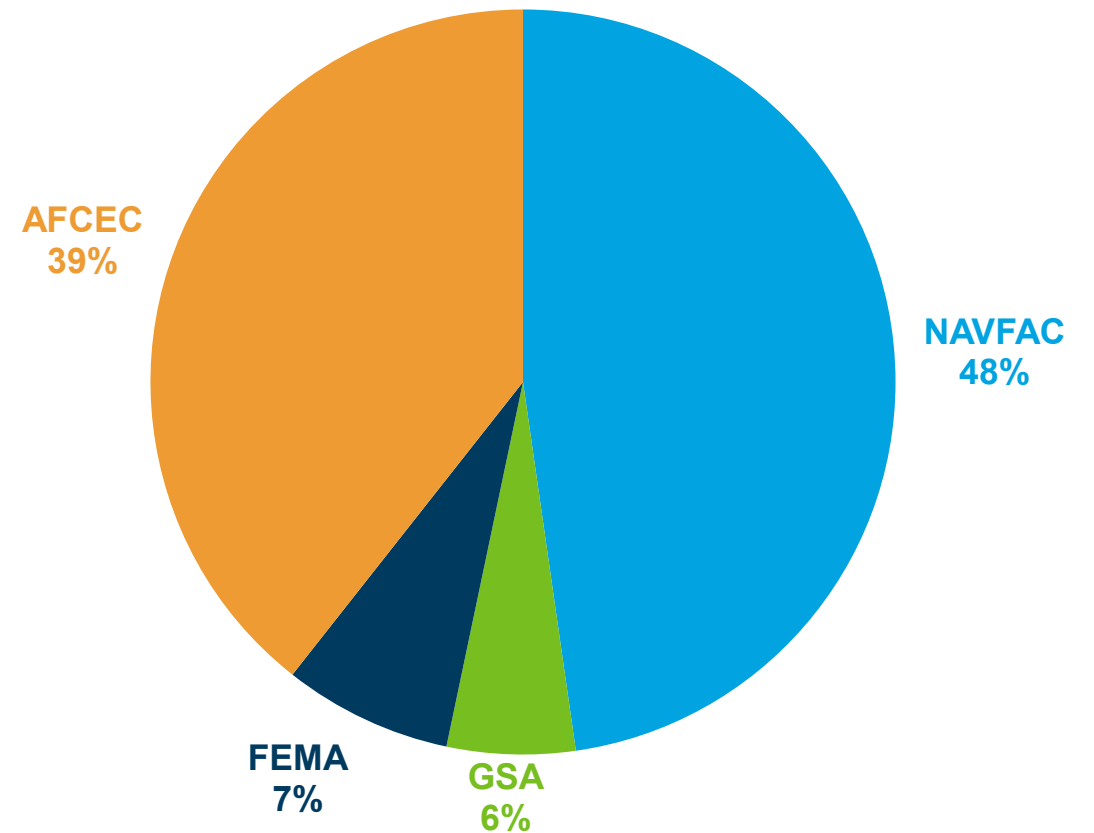
Department of Health

IDIQ average total contract ceiling:

\$25,140,220*

***5-year average**

IDIQ Distribution



Case Study:

GSA Post Occupancy Evaluations



GSA/NIBS Study Areas for the Public Buildings Service:

1. Post Occupancy Evaluations
2. Operational Excellence
3. Standards: P100 FACILITIES STANDARDS FOR THE PUBLIC BUILDINGS SERVICE
4. Cost Studies (for Project Procurement)



San Ysidro US Land Port of Entry

San Ysidro, California

2023 POE Subject Building

(GSA owns/leases 8397 buildings)

Post Occupancy Evaluations Include:



On-Site, two-day
building inspection



Detailed report
(60 – 120
pages/building)



Lessons learned
compilation



Class for 250-300
GSA engineers

NIBS leads 6-7 POES per year



Derby Line US Land Port of Entry
Derby Line, Vermont | 2023 POE Subject Building



Shattered bullet-resistant glazing at Calexico Land Port of Entry.



POE TEAM: Team Leader, Architect, Mechanical Engineer, Structural Engineer, Lighting Engineer

Other GSA Projects

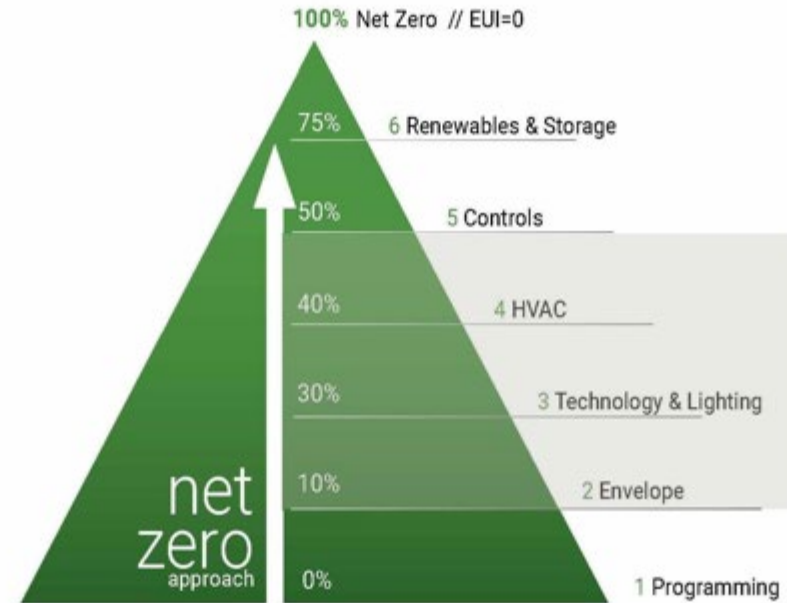
1. Fire Protection Engineering Standards
2. Net Zero Energy Study
3. Subscription Services

GSA ALSO FUNDS:






1. WBDG
2. BIM Program

Analysis

Workflow Approach



Approach from GSA 2023 Net Zero Study (DLR Group)

	Overall Benefit-Cost Ratio	11:1	4:1	4:1	4:1	6:1
	Cost (\$ billion)	\$1/year	\$4/year	\$520	\$0.6	\$27
	Benefit (\$ billion)	\$13/year	\$16/year	\$2200	\$2.5	\$160
 Riverine Flood		6:1	5:1	6:1	8:1	7:1
 Hurricane Surge		not applicable	7:1	not applicable	not applicable	not applicable
 Wind		10:1	5:1	6:1	7:1	5:1
 Earthquake		12:1	4:1	13:1	3:1	3:1
 Wildland-Urban Interface Fire		not applicable	4:1	2:1	not applicable	3:1

- Applied research
- Most exhaustive benefit-cost analysis of natural hazard mitigation
- Widely cited by Congress, the Administration, practitioners, researchers, emergency managers, code officials, media, and more.
- Policy change, federal mitigation investment from ~\$100 M to multiple billion dollars

Case Study

The Evolution of the the Mitigation Saves Report

Mitigation Saves: Applied Research and Development



NIBS takes a primary role; Mitigation Saves is a NIBS report.



13 PI and co PIs



24 independent peer reviewers

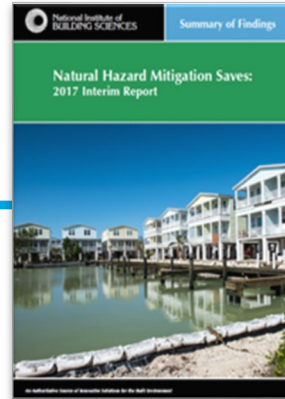


130 participants across 70 organizations, including the OMB, FEMA, HUD, EDA, and more.

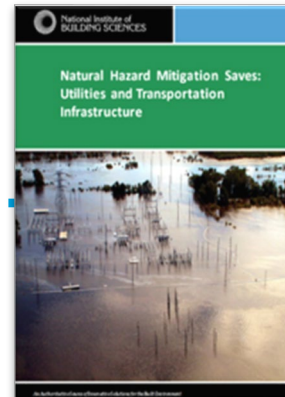
The Evolution of MMC Work



2005



2017



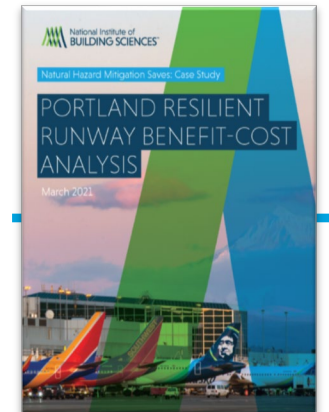
2018



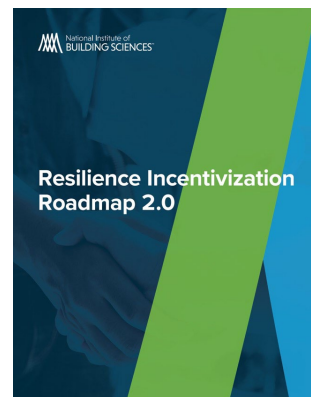
2018



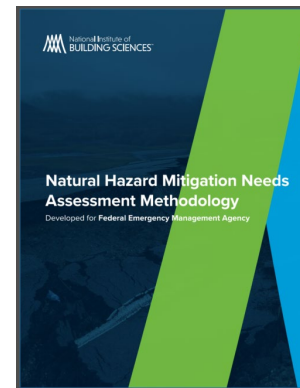
2019



2021



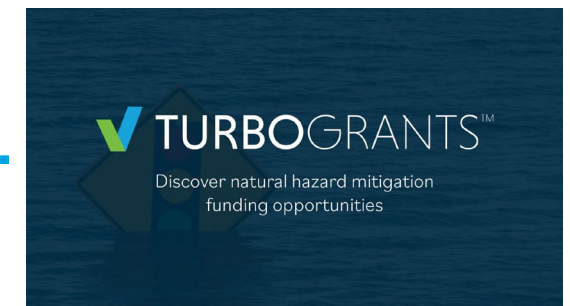
Fannie Mae, 2023



FEMA (2023-2025)



EPA (2024-2027)



Why TurboGrants?

NIBS asked over 400 emergency managers, state agency representatives, and other stakeholders about the difficulties they encounter when searching for federal funding resources. Respondents identified the following top challenges:

47%

Technical challenges like conducting a required BCA

37%

Don't have the time or resources to pursue

33%

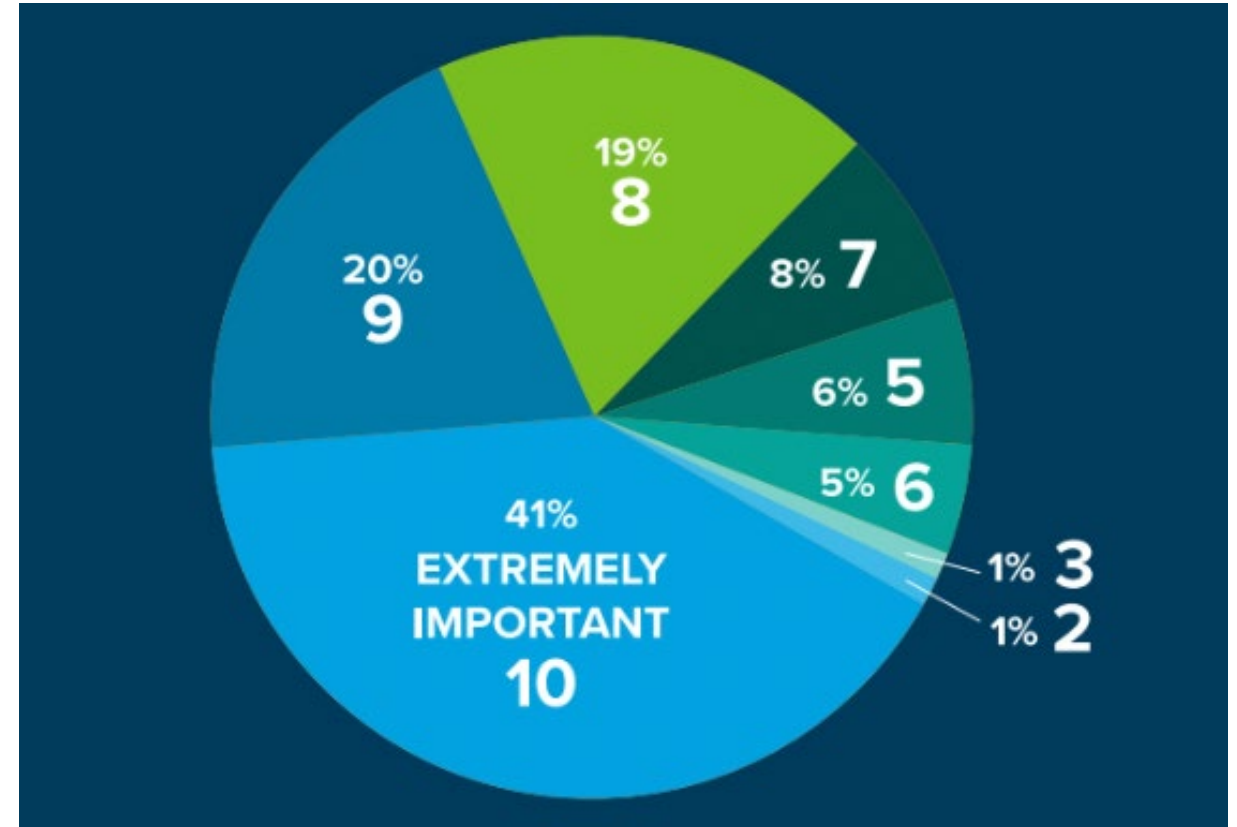
Cannot find a match for grants requiring cost shares or matches

31%

Grant deadlines do not coincide with project

Urgent Needs by the Nation

NIBS TurboGrants Survey responses to, “on a scale of 1-10, **how important is it to create a one-stop mitigation resource portal that contains a centralized inventory of available resources across different grant programs and federal agencies?** (1 = not important at all, 10 = extremely important).”



What's Next?

As we pioneer a new era of purpose-driven partnerships, join us as we connect the strengths of both the private sector and nonprofits.

Together, we can create solutions that are not only profitable but profoundly impactful.

Thank You

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