



SUSTAIN
ABILITY



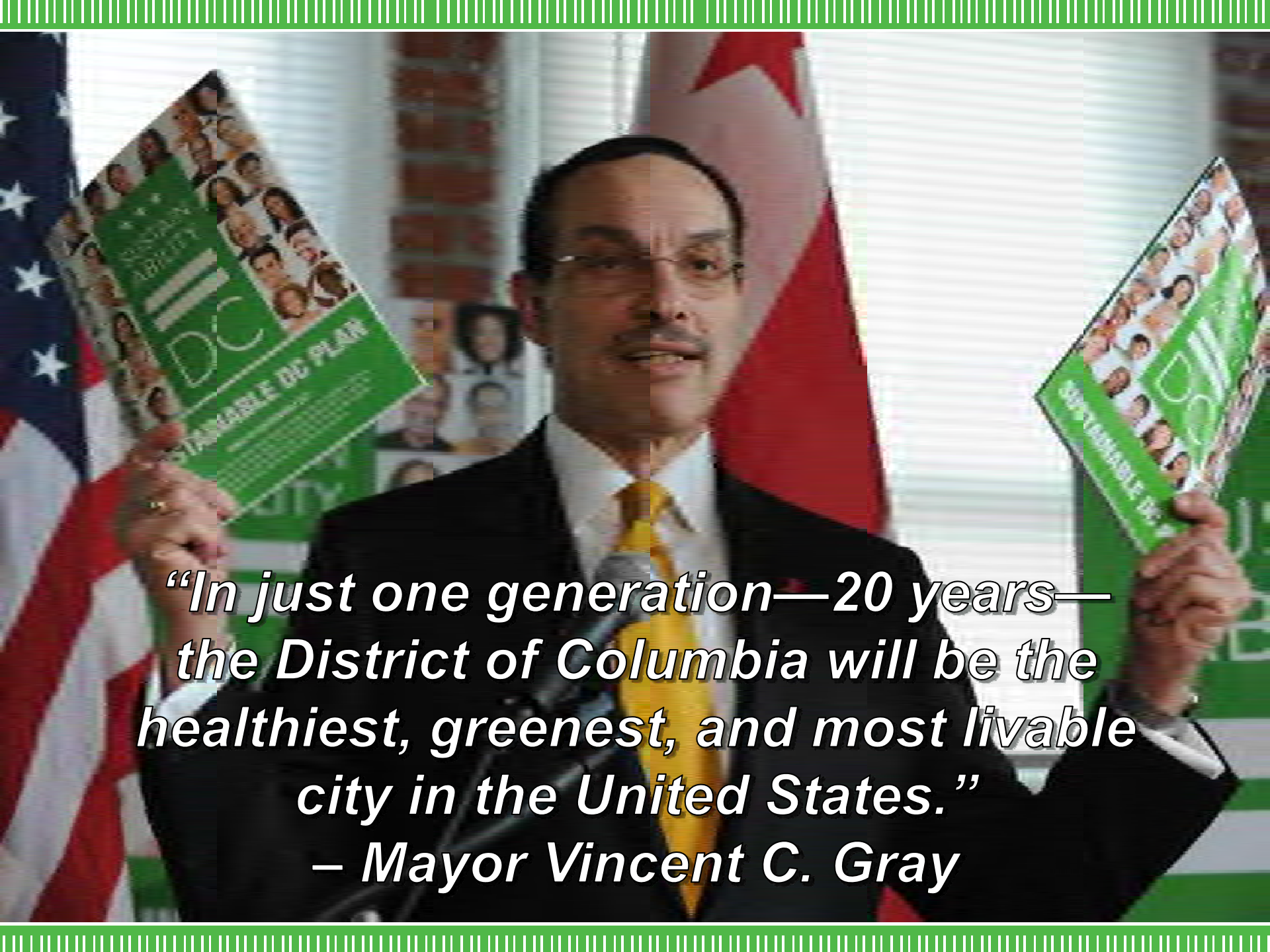
DC

Climate Adaptation and Resilience in the District: Applicant Conference

sustainabledc.org

sustainable.future@dc.gov

August 27, 2013



*“In just one generation—20 years—
the District of Columbia will be the
healthiest, greenest, and most livable
city in the United States.”*

– Mayor Vincent C. Gray

DC is a Sustainable Leader

400+ LEED certified buildings; 300+ ENERGY STAR®

District Government buying 100% green power

Bag tax reduced disposable bag use by 60%

Almost 2,000,000 square feet of green roofs

First major bikeshare in U.S. (25,000+ members)

50% of District trips by transit, walking, or bike



Cutting Edge Framework



- ▶ 32 Ambitious Goals and Measurable Targets
- ▶ 143 Specific Actions – short, medium and long term

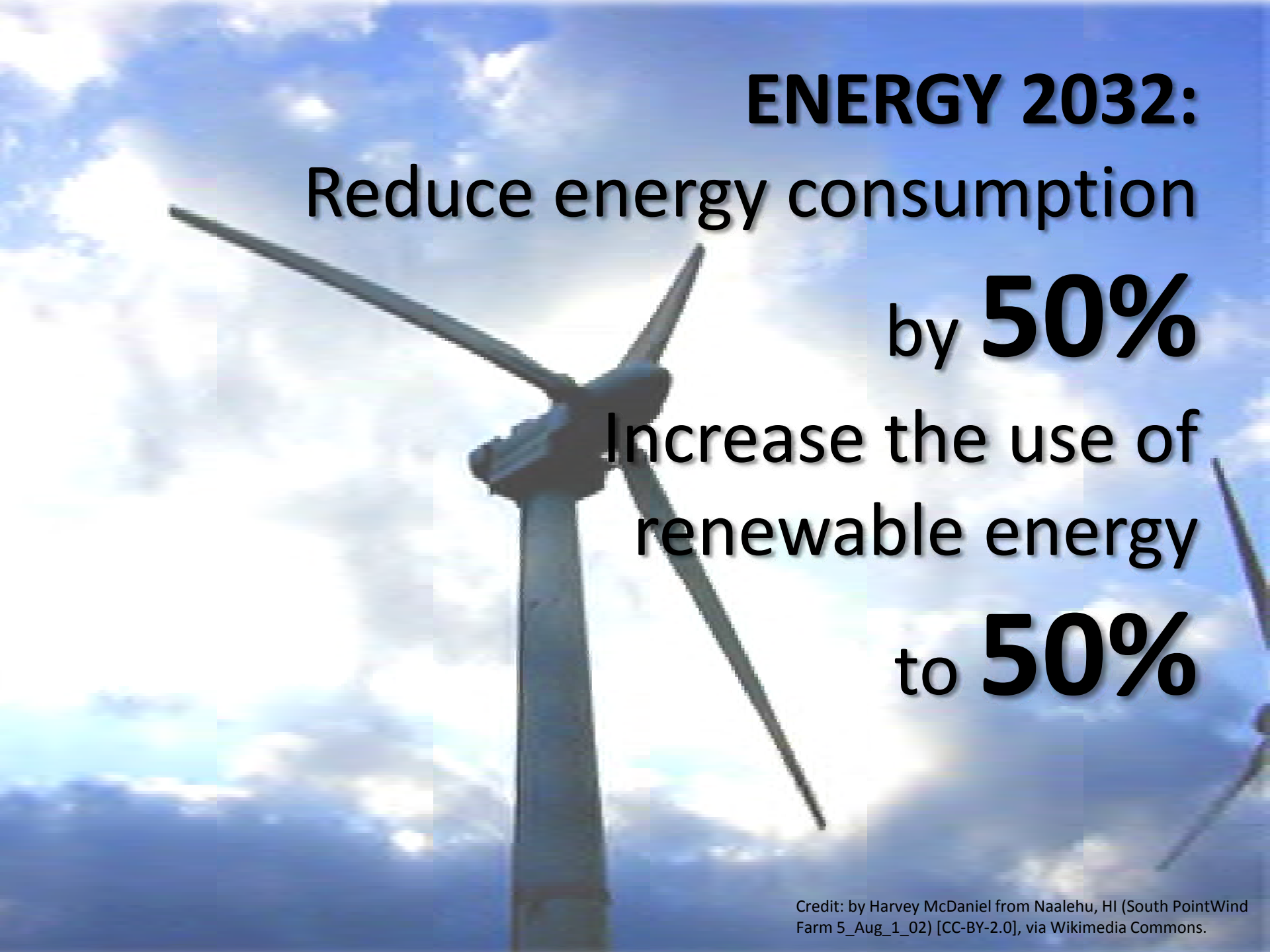
4 CHALLENGES	7 SOLUTIONS
<ul style="list-style-type: none">• Jobs and the Economy• Health and Wellness• Equity and Diversity• Climate and Environment	<ul style="list-style-type: none">• Built Environment• Energy• Food• Nature• Transportation• Waste• Water

BUILT ENVIRONMENT 2032:

Meet net-zero energy standards with
all new construction



Credit: "H Street Festival" by Flickr user jsprig [CC-BY-NC-2.0]

A large wind turbine is the central focus of the image, its three blades extending outwards. The background is a bright blue sky filled with soft, white clouds. The text is overlaid on the right side of the image, with the first part at the top and the second part below it.

ENERGY 2032:
Reduce energy consumption
by **50%**
Increase the use of
renewable energy
to **50%**



TRANSPORTATION 2032:

Make **75%** of all trips
by walking, biking, or transit



WATER 2032:

Use **75%** of our landscape
to filter or capture rainwater
for reuse

CLIMATE 2032:

Reduce citywide
greenhouse gas emissions by
50%

Assess **all** new buildings and
infrastructure for climate
resiliency

Projections and Vulnerabilities



▶ 2080 Conditions

- ▶ Sea Level Rise: 41-57" higher levels (with rapid ice melt)
- ▶ Number of Days Over 95°: 30 to 60 more days/year
- ▶ Precipitation: up to 15% more rain/year

- ▶ **Health:** injuries, disease, air and water degradation
- ▶ **Infrastructure:** transportation, power grid, and communication disruption
- ▶ **Economy:** insurance increases, business disruption, property damage
- ▶ **Natural Systems:** loss of habitat, threats to biodiversity

Climate Planning and Action



▶ **Climate of Opportunity Final Plan Release**

- ▶ 2010 Draft Climate Action Plan focused on mitigation
- ▶ 2013 Final plan release to align with Sustainable DC Plan

▶ **Citywide Adaptation Planning**

- ▶ Fall 2013 kick-off of DC specific risk analysis
 - ▶ Sea level rise and storm surges
 - ▶ Extreme weather
 - ▶ Urban heat impacts
- ▶ Coordinated planning across government and community
- ▶ Advisory group of experts and key stakeholders

What climate action is being taken now?



- ▶ Implementing the ***Sustainable DC Plan***
- ▶ Finalizing the ***Climate Action Plan***
- ▶ Coordinating with other District wide efforts
 - ▶ **Resilient DC** is working to make communities more resilient following disaster events
 - ▶ **DC Homeland Security and Emergency Management Agency** developing mitigation and response plans to local threats, including natural disasters such as heat, storms and flooding
 - ▶ **State Flood Insurance Program** identifies ways to mitigate flood risks and identify vulnerable areas
 - ▶ Many more outside of the District government

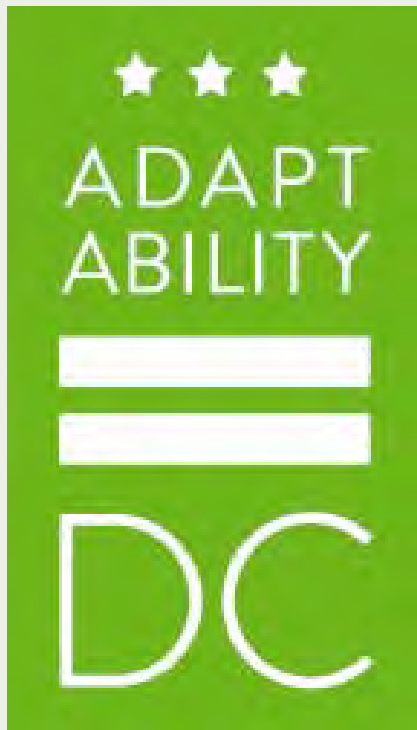
Climate Advisory Group

Throughout the plan development process, we will engage partners in federal and District agencies, non-profit organizations, utilities and other authorities:

- ▶ DC Office of Planning
- ▶ DC Homeland Security and Emergency Management Agency
- ▶ District Department of Transportation
- ▶ DC Department of Health
- ▶ DC Department of General Services
- ▶ National Capital Planning Commission
- ▶ General Services Administration
- ▶ National Park Service
- ▶ Metropolitan Washington Council of Governments
- ▶ DC Water
- ▶ Pepco
- ▶ Washington Gas



The District is seeking assistance to develop an adaptation plan that...



- ▶ **Analyzes Climate Impacts:** heat, flooding, storms
- ▶ **Assesses Vulnerabilities:** health, infrastructure, economy, natural systems
- ▶ **Identifies Solutions:** mitigation and resiliency measures, new emergency services, critical investments, policy and legislative tools

Application Details



Proposals must include the following to be considered:

- ▶ Project summary and description of purpose and objectives
- ▶ Proposed outcomes, outputs and activities
- ▶ A description of methods and explanation of how the project will measure success
- ▶ Narrative of proposed budget
- ▶ Description of the applicant, including organization, personnel, partners
- ▶ A cover sheet, budget table and PCA are required with each proposal

Application Details

Other application details are listed in the RFA. Additional answers to questions are provided on the grants page at

ddoe.dc.gov/node/624992:

- ▶ Eligible applicants are non-profits, institutions, or faith based organizations
- ▶ Applicants do not have to be in the District but are awarded 10 additional points if their address is in the city (Section 4.2)
- ▶ Matching funds are not required
- ▶ Additional attachments do not count toward the project description 15 page limit
- ▶ Some meeting requirements are also listed in the project description (Section 7.2) including a scoping meeting, meetings with the advisory group and regular meetings with District government project management staff



Submitting Applications

- ▶ Please visit ddoe.dc.gov/page/grants-and-funding to stay up to date on Frequently Asked Questions
- ▶ Direct questions to 2013climatedcrfa.grants@dc.gov
For additional assistance: latonia.tabb@dc.gov
- ▶ No questions will be answered after September 7
- ▶ To apply, deliver 5 hard copies and 1 digital copy by 4:30pm on September 13 to the following address:
RFA - Grants
1200 First St NE, 5th Floor
Washington DC, 20002



Evaluation Criteria



- ▶ Demonstrated experience in completing climate change vulnerability assessments and developing adaptation plans (35 points)
- ▶ Achievable work plan with detailed activities and timeline for completing project objectives (35 points)
- ▶ Proven subject matter expertise in climate adaptation analysis and planning of the team assigned to this project (15 points)
- ▶ Budget that details the costs for achieving the project objectives on time (15 points)

RFA Questions Raised



Q: Are for-profit businesses eligible for this grant? For example, is a consulting firm with significant climate change experience an eligible organization?

A: Eligible entities for the grant are non-profit organizations and educational institutions. However, these entities can choose to partner or subcontract with any organization (both non-profit and for-profit) in order to achieve the goals laid out in the RFA.

Q: Can you please clarify the page limit for the application? Is the complete application limited to 15 double-spaced pages or does the page limit only apply to the description of the project requested under section (b)? Does the page limit include resumes for key staff?

A: The page limit applies only to the project description. Attachments such as resumes or other forms are not included in this page limit.

RFA Questions Raised



Q: The announcement calls for submitting five paper copies and by email. Can we only submit by email?

A: All applicants must follow the instructions outlined in the RFA. Therefore, five paper copies must be submitted, in addition to an email copy, in order to be considered for an award. The applications will be reviewed by an independent panel. Each panel member will receive a hard copy of the application for their review.

Questions?

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