

PART I - FACE SHEET

APPLICATION FOR FEDERAL ASSISTANCE

Modified Standard Form 424 (Rev.02/07 to confirm to the Corporation's eGrants System)

1. TYPE OF SUBMISSION:

Application Non-Construction

2a. DATE SUBMITTED TO CORPORATION FOR NATIONAL AND COMMUNITY SERVICE (CNCS):

3. DATE RECEIVED BY STATE:

14-DEC-22

STATE APPLICATION IDENTIFIER:

NA

2b. APPLICATION ID:

23AC252301

4. DATE RECEIVED BY FEDERAL AGENCY:

FEDERAL IDENTIFIER:

21ACCM0010015

5. APPLICATION INFORMATION

LEGAL NAME: ANN ARBOR, CITY OF

UEI NUMBER: R9C4BRD4M7L9

NAME AND CONTACT INFORMATION FOR PROJECT DIRECTOR OR OTHER PERSON TO BE CONTACTED ON MATTERS INVOLVING THIS APPLICATION (give area codes):

NAME: Melissa Stults

TELEPHONE NUMBER: (734) 794-6430 43725

FA X NUMBER:

INTERNET E-MAIL ADDRESS: mstults@a2gov.org

ADDRESS (give street address, city, state, zip code and county):

100 N 5TH AVE
Ann Arbor MI 48104 - 5522
County: Washtenaw

6. EMPLOYER IDENTIFICATION NUMBER (EIN):

386004534

7. TYPE OF APPLICANT:

7a. Local Government - Municipal

7b. Local Government, Municipal

8. TYPE OF APPLICATION (Check appropriate box).

NEW NEW/PREVIOUS GRANTEE

CONTINUATION AMENDMENT

If Amendment, enter appropriate letter(s) in box(es):

A. AUGMENTATION B. BUDGET REVISION

C. NO COST EXTENSION D. OTHER (specify below):

9. NAME OF FEDERAL AGENCY:

Corporation for National and Community Service

10a. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 94.006

10b. TITLE: AmeriCorps State

11.a. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:

Climate Corps in Ann Arbor

12. AREAS AFFECTED BY PROJECT (List Cities, Counties, States, etc):

City of Ann Arbor, MI

11.b. CNCS PROGRAM INITIATIVE (IF ANY):

13. PROPOSED PROJECT: START DATE: 09/01/23 END DATE: 08/31/24

14. CONGRESSIONAL DISTRICT OF: a.Applicant b.Program

15. ESTIMATED FUNDING: Year #:

a. FEDERAL \$ 229,060.00

b. APPLICANT \$ 428,072.00

c. STATE \$ 0.00

d. LOCAL \$ 0.00

e. OTHER \$ 0.00

f. PROGRAM INCOME \$ 0.00

g. TOTAL \$ 657,132.00

16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?

YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON:

DATE:

NO. PROGRAM IS NOT COVERED BY E.O. 12372

17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?

YES if "Yes," attach an explanation. NO

18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.

a. TYPED NAME OF AUTHORIZED REPRESENTATIVE:

Melissa Stults

b. TITLE:

c. TELEPHONE NUMBER:

(734) 794-6430 43725

d. SIGNATURE OF AUTHORIZED REPRESENTATIVE:

e. DATE SIGNED:

12/05/22

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Executive Summary

The City of Ann Arbor will have 10 AmeriCorps members who will build local capacity while supporting neighborhood-focused decarbonization and resilience-building initiatives in Ann Arbor. At the end of the first program year, the AmeriCorps members will be responsible for educating 1,000 individuals, with 700 individuals committing to engage in city decarbonization programs and 500 individuals committing to take an action to reduce climate pollution in their homes (as evidenced from pre and post-survey results), and improving stewardship of 150 acres of public land in underserved neighborhoods. In addition, the AmeriCorps members will leverage 20 volunteers, who will support community outreach, decarbonization assessments, and stewardship. The AmeriCorps investment will be matched with \$428,072 in local funding.

Rationale and Approach/Program Design

The Need: Climate change is having immediate and significant impacts on Ann Arbor - from a 44% increase in annual precipitation which is causing massive amounts of flooding, to extreme temperature changes and prolonged heat waves which are destroying infrastructure and causing severe public health impacts [Ann Arbor, 2019]. Considering this and the global imperative to deeply and urgently reduce global greenhouse gas emissions [Science, 2019], in November 2019, Ann Arbor City Council unanimously adopted the goal of community-wide carbon neutrality in a just and equitable way by the year 2030 [MLive, 2019]. Seven months later, the City Council unanimously adopted the plan to achieve that goal, known as A2ZERO [MLive, 2020].

A2ZERO lays out seven strategies and 44 actions that are necessary to achieve a just transition to community-wide carbon neutrality, with many actions focused on the residential sector given this sector contributes over ¼ of Ann Arbor's total greenhouse gas emissions [Ann Arbor, 2020]. With over 50,000 housing units, engaging a majority, let alone all Ann Arborites in climate action is a herculean task. And engaging folk simply is not enough -- we need to support them in acting. To get residents to do this at a scale that demonstrably reduces greenhouse gas emissions and increases resilience, time must be spent educating, engaging with, and helping individuals understand their unique opportunities to improve comfort, enhance health and safety, reduce energy bills, enhance resilience, and address the climate crisis.

The Intervention: Equitably addressing the climate crisis by 2030 requires significant education, engagement, and capacity building. But local governments are notoriously terrible at designing, executing, and evaluating meaningful public education and engagement campaigns...despite our best

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efforts. That's why we propose using Members to educate residents deeply and regularly about the strategic opportunities they have to save money and address the climate crisis. This will be done by turning the Members into an educational brigade that knocks on residents' doors, hosts events in neighborhoods, teaches folk about individual and collective climate action, helps support natural systems and neighborhood stewardship, and directs residents to resources and support services so that they become part of the local climate movement. This education is necessary and currently lacking across the entirety of the city, and where it exists is largely in affluent, predominately white households. To equitably address the climate crisis, all Ann Arborites, especially Black, Indigenous, and People of Color need to be centered and provided opportunities to reap the multitude of benefits associated with climate action.

That is why we propose leveraging the passion of 10 AmeriCorps Members to support two critical prongs of local climate action: 1) community education; and 2) natural areas stewardship. Each of these interventions will begin in frontline and fenceline neighborhoods in Ann Arbor, areas that are disproportionately impacted by climate change and have lower access to market-based opportunities to lower energy consumption, improve indoor health, safety, and comfort, and enhance the natural systems in their neighborhoods. The CDC Social Vulnerability Index, in addition to the Washtenaw County Opportunity Index and Headwaters Economics Neighborhoods at Risk mapping tool will be used to identify target geographies for education, given the clear overlap of these tools with the goals of equitable decarbonization. Through work in these target areas, the Members will get 700 individual residents to commit to engaging in city decarbonization programs and 500 individuals committing to take an action to reduce climate pollution in their homes, all while improving 150 acres of natural systems in vulnerable communities through increased stewardship. By doing this, the members will collectively set the city on a pathway to reduce long-term emissions by 10% from a 2019 baseline and significantly lower flooding risk in vulnerable areas. These output and outcomes targets were established by analyzing what was needed to scale this intervention to the whole City as well as what was feasibly achievable in a one-year period.

COMMUNITY EDUCATION: Members will conduct 2 types of sustained education activities -- General Education and Decarbonization Assessments that lead to individuals making new commitments to sustainability-related action while also demonstrating new knowledge about climate impacts and opportunities in Ann Arbor. Both types of educational activities will be centered in frontline and fenceline communities, starting in the Bryant neighborhood of Ann Arbor and Affordable Housing Commission sites, where most residents live below the federal poverty level. A

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community education strategy will be developed to guide both types of activities, however, this strategy will be iterative, leaving space for real-time adjustments as needed.

General Educational activities will focus on providing residents with new knowledge and information about local climate impacts, plans, and actions they can be taken in their own lives to address the climate crisis (and receive a multitude of co-benefits). General Educational activities will include the creation of flyers, mailers, leave-behind handouts, slide decks, stump speeches, interactive games, and general talking points. These different educational pieces will be delivered, as appropriate, through door knocking in frontline neighborhoods, tabling at the Ann Arbor Farmers Market, co-hosting neighborhood block parties, at city-focused events, at events hosted by A2ZERO Collaborating organizations, and in partnership with the Freeman Environmental Education Center which engages students in K-12. Every week there will be at least 3 general educational activities the Members undertake with a dosage of 8.5 hours/person for setup and delivery of programming.

Decarbonization Assessment Education will focus on getting residents to sign-up for a free A2ZERO Decarbonization Assessment. This assessment was designed by the residents of Bryant, a frontline neighborhood in Ann Arbor where 75% of the residents live below the federal poverty level, to holistically identify opportunities for improving health, safety, indoor air quality, comfort, and addressing the climate crisis. Members will be trained on the assessment so that they are able to discuss its value with residents. Members will then engage in one-on-one conversations with residents through door knocking, tabling at neighborhood events, and through partnerships with community-based organizations where Members spend time at trusted community sites. During these engagements, Members will educate residents about the Decarbonization Assessment and will register interested residents to receive the free assessment. Members will also be available to meet with residents to discuss the results of the Decarbonization Assessment, helping point residents to programs, rebates, and incentives available across the federal, state, and local levels to make identified improvements. In this way, the Members will be educating and supporting residents with identifying and implementing their most appropriate decarbonization solutions. The dosage for decarbonization education is 12.75 hours per person for setup and delivery of assessments.

Community education outcomes will be measured in 2 ways. General Educational program outcomes will be measured through the administration of a short pre-and post-educational survey delivered when a Member first starts engaging with a resident and at the end of that engagement. The survey will assess the level of knowledge resident's have regarding A2ZERO and of the City's climate programs. The survey will also assess how likely residents are to engage in a City climate program

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before and after the Member educational interaction. Decarbonization Assessment outcomes will be evaluated using a resident survey measuring the likelihood that residents would take actions to improve the sustainability of their homes before administration of a Decarbonization Assessment compared to willingness to act after receiving the Assessment results. In this way, we will be able to gather real-time information on how effective Member education activities are and make adjustments to maximize their impact. Approximately 60% of the Members' time will be spent on educational activities.

STEWARDSHIP: The second intervention is natural areas stewardship. Through this activity Members will participate in invasive species removal, prescribed fire burns, trail construction, tree plantings, activities to manage stormwater runoff, native species propagation, and other activities to restore and maintain natural systems in highly vulnerable neighborhoods of the City, including frontline neighborhoods, areas prone to flooding, and areas with a high preponderance of invasive species. This work will be coordinated by the Office of Sustainability and Innovations and the City's Natural Area Preservation unit. This activity gives Members a chance to combine the human and physical infrastructure work done in the Educational tasks above with natural systems management - providing a holistic and well-rounded approach to local climate action and resilience building. 10% of Members' time will be spent on this task, which will lead to 150 acres of stewarded land. This equates to a dosage of 11.3 hours per acre treated.

OUTCOMES. In the short-term, this project will lead to: 1) 700 of individuals demonstrating an increased intention to engaging in climate action; 2) 500 individuals completing the free A2ZERO assessment and committing to take an action to reduce climate pollution in their homes; and 3) 150 acres of public land in underserved neighborhoods in full stewardship. Over the medium-term, the Members interventions will result in a 10% annual increase in zero carbon and electrification equipment (e.g., heat pumps, electric hot water heaters, solar panels, battery storage systems) installed from a 2022 baseline, and a 10% increase in the carbon sequestration of actively managed natural lands from a 2022 baseline. Over the long-term, Ann Arbor is on track for a 10% reduction in annual greenhouse gas emissions through building decarbonization, individual behavior change, and increased carbon sequestration on public lands. And, community members, particularly frontline community members, are more actively engaged in climate efforts, thereby fostering greater community well-being, preparedness, and long-term quality of life improvements for Ann Arbor and Michigan as a whole. These outputs and outcomes align with National Performance Measures EN3, EN3.2, EN4, and EN4.1.

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EVIDENCE BASE. As this is a new AmeriCorps program and we are developing a new intervention, this program falls into the pre-preliminary level of evidence. As designed, the program focused on two areas that have a strong historical evidence base in the AmeriCorps program: education and environmental stewardship [AmeriCorps, 2021].

While the City of Ann Arbor's Office of Sustainability and Innovations has never had an AmeriCorps Member, the City does have significant anecdotal evidence of the impact educational activities have on action [Ann Arbor, 2020; 2021]. For example, for two years the City has worked with residents in the Bryant neighborhood to make this the most sustainable low-income neighborhood in America. Through individual education and outreach, neighborhood events, and the leveraging of trusted institutions, we've been able to engage deeply with over 25% of all residents, assisted 10% with receiving a free A2ZERO Decarbonization Assessment, and helped four households implement actions that are improving indoor air quality, lowering energy bills, and improving comfort. And we've just secured a grant to help 20 more households make improvements identified in their customized A2ZERO Decarbonization Assessment. This work has only been possible through personalized education and outreach - the exact interventions proposed for the 10 AmeriCorps Members.

As further justification for the proposed intervention, work by researchers like Kolenaty et al., found that providing stakeholders with "sufficient climate change knowledge... positively influenced participants self-efficacy and willingness to act." [Kolenaty et al., 2022]. And Cordero et al. found that sustained sustainability-focused education led to individuals taking more pro-environmental actions [Cordero et al., 2020]. Additionally, Kolleck et al., found that social networks, especially those composed of individuals not assumed to be influential in sustainability fields, including neighbors and community organizations, were effective educators about climate change opportunities [Kolleck et al., 2017]. We've reviewed and have leveraged these, and other, research findings to design our specific Member interventions, with a heavy focus on customized educational outreach techniques and content that directs people to programs that provide specific actions they can take to save money and address the climate crisis. Finally, in designing our application, we reviewed and designed our proposed interventions to mirror those that had a strong history of success as noted in CNCS' Evidence Briefs. For example, our proposed work in stewardship focuses on natural habitat restoration, invasive species coverage reduction, managing stormwater runoff, and native species propagation, all of which have a strong evidence base via historical CNCS interventions. For educational interventions, we are focusing on delivering one-on-one individualized support to community members, providing coaching services, structured yet customizable information and pathways for action, provision of data-driven

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recommendations, regular interaction opportunities, and support with finding and implementing solutions, which are successful techniques in other CNCS' funded programs.

NOTICE PRIORITY. This proposed program fits within the AmeriCorps environmental stewardship priority area, especially the focus on reducing greenhouse gas emissions, helping communities become more resilient, especially in underserved households and communities.

MEMBER EXPERIENCE. To recruit Members, we will work directly with our community-based organizations, especially Community Action Network and the Ann Arbor Housing Commission, that work in frontline communities. In this way, we hope to both recruit Members from low-income and BIPOC communities, the very communities we seek to serve, while also building awareness about the program and enhancing the diversity of our team. We will also post the opportunity through our A2ZERO Collaborators Network, with our local community colleges, and on traditional City recruitment channels with an explicit line in the job application that "applicants from a diverse background are highly encouraged to apply." Additionally, will offer a higher living allowance to try and recruit individuals from more diverse backgrounds and support member retention. And, before posting the opportunity, we will work with our Director of Organizational Equity and the City's Equitable Engagement Steering Committee (composed of residents) to co-develop a job description and posting strategy that does not inadvertently disenfranchise or exclude frontline populations.

Once hired, all Members will undertake the City's standard equity, safety, policy, and financial management trainings. We will also train all Members on the A2ZERO plan, the work of the Sustainability Office, and the living educational and engagement strategy for the Office. We will also train all Members on project management, equip them with the City's project management tools, and provide weekly individual and daily team check-in meetings to ensure everyone is engaged, problems are quickly identified, and collective solutions established. Combined, these experiences will help foster leadership skills such as active listening, adaptive management, co-designing techniques, and time management skills - skills highly desired by sustainability-related employers. Moreover, we will set aside funding to send the members to a training or conference of their choice, helping them continue growing and learning about topics of interest to them and helping them network with other professionals.

Importantly, our AmeriCorps Members will be provided the opportunity for occasional service outside the focus of this program in order to better understand and benefit their community and to participate in National Days of Service. This may also include service opportunities identified through the MCSC's volunteer platform to increase and improve skills that will be valued by future employers.

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These hours may be counted toward the member's term of service if they do not interfere with their normal service hours or conflict with prohibited activities, and the service is approved by the program director.

Organizational Capability

The City of Ann Arbor's Office of Sustainability and Innovations is prepared to dedicate the collective resources (staff, equipment, workspace, training, and mentorship) necessary to ensure the 10 Members have a fulfilling, enriching, and impactful experience.

ORGANIZATIONAL BACKGROUND AND STAFFING. The City has extensive experience working with paid interns, including providing job training, cultural immersion, and professional development opportunities, which are experiences that will be instrumental in working with the Members. Additionally, the City will dedicate one full-time coordinator in the Office of Sustainability and Innovations that will work directly with the Members. The Coordinator will provide direct supervision, coordinate workplans, and provide general professional development support for Members. The Coordinator will also ensure all Members receive training on A2ZERO, Equity Foundations Training (given that equity is one of three core values of A2ZERO and the Office of Sustainability and Innovations), and training on City rules and policies, as noted below. In addition to a dedicated Coordinator, 10% of the Director of Sustainability and Innovations time will be directed to ensuring the Members work aligns with Office priorities and to providing programmatic support. 25% of a Sustainability Manager's time will be dedicated to overseeing technical content and training for the Members, ensuring compliance with policies and procedures, and conducting all requirement reporting and tracking. Additionally, 20% of the Natural Area Preservation (NAP) Field Supervisors time will be allocated to support the Members with stewardship activities and 5% of the NAP Manager will be allocated to providing strategic programmatic support and guidance on stewardship-related activities. Of the staff the Members will interact with, the majority live within the City of Ann Arbor (aka, the community being served) meaning they have first hand knowledge that can aid the Members with ensuring a constructive experience.

COMPLIANCE AND ACCOUNTABILITY. The City of Ann Arbor has extensive Administrative Rules and Policies that ensure effective monitoring and oversight of funds, adherence to organizational policies, and training on best governance practices. All Members will receive training on these Rules and Policies, including safety training, financial training, and non-discrimination training, and will receive guidance on where to go for more information or report violations. Additionally, the City hires a third-party to conduct annual budgetary audits and ensure compliance

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with all external funding The AmeriCorps program will be included as part of this audit. The City also administers a public website entitled "Ann Arbor Citizen Guide to Finance and Budget" where residents can see all receipts, bills, and expenditures of the City, as well as the entire City budget as approved by Council. This powerful transparency tool also helps avoid fraud, waste, and mismanagement of funds. The City also has a dedicated finance department that uses Logos.net to automatically track all City expenditures and alignment with budgets and Ultipro to track timesheet reporting and avoid timekeeping fraud.

For this proposal, the Program Manager's time will be dedicated to working with the City's finance department to ensure compliance with AmeriCorps rules and regulations. The Manager will work in tandem with the Project Coordinator to ensure all Members are trained on City administrative policies, including APP 513: Fraud in the Workplace -- which details what fraud is, how to detect and prevent it, and how to report it (among other things).

MEMBER SUPERVISION. As noted above, Members will receive direct supervision from a dedicated Program Coordinator in the Office of Sustainability and Innovations. This individual will go through all available AmeriCorps training but will also receive project management training to ensure they have the skills and tools necessary to make the Members experience fruitful and productive. Members will meet with the Coordinator daily in all-team check-ins and bi-weekly in one-on-ones to dive more deeply into relevant topics. These meetings will mostly be in person but there may be times when virtual meetings are necessary due to field work. The Program Coordinator will receive additional management training to ensure they are able to provide a strong experience for the Members. This includes participating in trainings from the MI Community Service Commission, Urban Sustainability Directors Network leadership trainings, and LinkedIn leadership trainings curated by the Office of Sustainability and Innovations Director. The Coordinator will also review and be expected to follow all guiding documents from the MCSC and the AmeriCorps agency.

Cost Effectiveness and Budget Adequacy

See budget

Evaluation Summary or Plan

NA

Amendment Justification

NA

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Clarification Summary

Question: please explain whether member positions (slots) being requested as part of this application are also duplicated in any other application currently under review by AmeriCorps. If applicable, indicate how many slots are duplicated and the application(s) in which duplicated slots are requested.

Response: The requested member positions (slots) are not part of any other application currently developed or under consideration. Support for these positions has only been requested through AmeriCorps.

Question: 1) Your estimated unrestricted revenue is less than your expenses in at least 2 of the last 3 years and your organization has the capacity to raise the required match to operate your program.

Response: We do not anticipate any revenue from this program so our revenue in all years is less than expenses from the program. And, we do have the required match through a voter passed local Community Climate Action Millage (tax) that passed in November of 2022. The Administrator has approved using a portion of this new revenue to meet the match requirements of this program.

Question: 2) The amount of federal funds requested is less than your total revenue, if not, please provide to AmeriCorps an explanation of your plans to effectively manage an expansion of this size.

Response: Yes, the amount of federal funds requested is less than the total revenue for the City and for the Office of Sustainability and Innovations. The budget for the City, inclusive of the budget for the Office of Sustainability and Innovations, can be found at:

<https://www.a2gov.org/departments/finance-admin-services/financial-reporting/budget-guide/Pages/BudgetPublicProcess.aspx>

Question: 3) Your organization has more one month of cash and investments on hand, if not, please provide to AmeriCorps assurance that your organization has the capacity to raise the required match to operate your program.

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Response: Yes, the City of Ann Arbor has more than one month of cash and investments on hand. The City has a policy to maintain at least 12% of the City's budget in fund balance. You can see our fund balance at: <https://www.a2gov.org/departments/finance-admin-services/financial-reporting/budget-guide/Pages/FundBalance.aspx>.

Question: 4) Your liabilities are less than 75% of your organization's assets, if not, please provide assurance to AmeriCorps that your organization will not let this impact your AmeriCorps grant.

Response: Yes, the City's liabilities are less than 75% of the organization's assets. A full and transparent accounting of the City's budget, including debt, expenditures, revenue, and each fiscal year's budget can be found at: <https://www.a2gov.org/departments/finance-admin-services/financial-reporting/budget-guide/Pages/FrequentlyAskedQuestions.aspx>

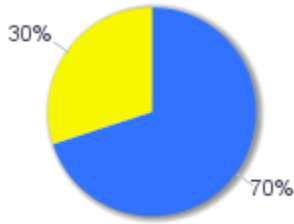
Continuation Changes

NA

Grant Characteristics

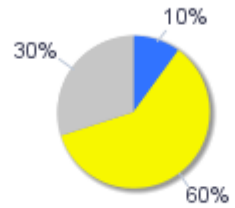
Performance Measures

MSYs by Focus Area



■ Environmental Stewardship:7 ■ Other Community Priorities:3

MSYs by Objective



■ At-Risk Ecosystems:1 ■ Awareness & Stewardship:6
■ Other:3

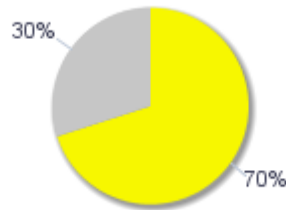
Table1: MSYs by Focus Areas

Focus Area	% MSYs
Environmental Stewardship	70%
Other Community Priorities	30%

Table2: MSYs by Objectives

Objectives	%MSYs
At- Risk Ecosystems	10%
Awareness & Stewardship	60%
Other	30%

% of MSY NPM VS Applicant VS Not in ANY



■ Applicant:0 ■ National:7 ■ Not in ANY:3

Table3: %MSYs by NPM vs.Applicant vs. Not in ANY

% MSYs	NPM	Applicant	Not in ANY
	70%	0%	30%

Table4: No of MSY and Members by Objective

Objectives	No of MSYs	No of Members
At- Risk Ecosystems	1.00	10
Awareness & Stewardship	6.00	10
Other	3.00	10
Total	10.00	30

Primary Focus Area: Environmental Stewardship
 Primary Intervention: Education/Training
 Secondary Focus Area: Environmental Stewardship
 Secondary Intervention: Climate Change Intervention

Performance Measure: Climate Educational Campaigns

Focus Area:	Environmental Stewardship	Objective:	Awareness & Stewardship	No of MSY's:	6.00	No of Members:	10
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Problem Statement:

Climate change is having immediate and significant impacts on Ann Arbor - from a 44% increase in annual precipitation which is causing massive flooding events, to extreme changes in temperature leading to public health ramifications and deteriorating infrastructure. In response to this urgent need, Ann Arbor City Council, under the direction of the public, has set the goal of achieving a just transition to community- wide carbon neutrality by the year 2030 (known as A2ZERO). Given that 67% of local greenhouse gas emissions come from the built environment, a significant emphasis needs to be placed on reducing emissions from buildings. Achieving this unanimously adopted Council goal necessitates that all residents are part of the climate movement and implementing collective actions that drive emissions downward while enhancing community resilience. But the capacity to engage with all community members (let alone a majority) is non- existent. Instead, current staff end up engaging with those that are already taking action and failing to create a broader movement that centers the needs, lived experiences, and opportunities of frontline communities.

Selected Interventions:

- Climate Change Intervention
- Education/Training

Describe Interventions:

To build community member engagement in A2ZERO goals and to spur individual action, AmeriCorps members will coordinate and deliver two forms of decarbonization education.

a) A2ZERO Community education: General group educational programs to increase understanding of decarbonization goals and resources intended to foster broad- based decarbonization action among community members

Dosage: average of 8.5 hours / per person for setup and delivery of programming.

b) A2ZERO Decarbonization assessments: one- one- one building decarbonization assessments that document potential energy saving opportunities, and identify rebates, and provide guidance on how to implement identified solutions. intended to accelerate adoption of decarbonization systems and

Dosage: 12.75 hours / per person for setup and delivery of assessments.

EN3 Output:

EN3: Number of individuals receiving education or training in environmental stewardship

Target: 1000 Individuals

Measured By: Tracking System

Described Instrument: Number of individuals that gain new information from Members based on pre and post- engagement surveys.

Performance Measure: Climate Educational Campaigns

Problem Statement:

Selected Interventions:
Climate Change Intervention

Education/Training

EN3.2 Outcome:

EN3.2: Number of individuals reporting a change in behavior or intention to change behavior

Target: 700 Individuals

Measured By: Survey

Described Instrument: General Educational program outcomes will be measured through the administration of a short pre- and post- educational survey delivered when a Member first starts engaging with a resident and at the end of that engagement. The survey will assess the level of knowledge resident' s have regarding A2ZERO and of the City' s climate programs. The survey will also assess how likely residents are to engage in a City climate program before and after the Member educational interaction. Decarbonization Assessment outcomes will be evaluated using a resident survey measuring the likelihood that residents would take actions to improve the sustainability of their homes before administration of a Decarbonization Assessment compared to willingness to act after receiving the Assessment results.

Performance Measure: Resilience and Carbon Capture

Focus Area:	Environmental Stewardship	Objective:	At- Risk Ecosystems	No of MSY's:	1.00	No of Members:	10
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Problem Statement:

Ann Arbor has already experienced a 44% increase in precipitation during extreme events, a 42% increase in annual precipitation, and warmed by over 1 degree Fahrenheit. These impacts are leading to serious public health, societal, economic, and cultural impacts at the local and regional levels. To address these concerns, Ann Arbor seeks to decrease the vulnerability of frontline neighborhoods through natural systems preservation, while simultaneously improving the capture sequestration potential of natural lands. But invasive species, human activity, climate change, and other factors are leading to rapid deterioration of natural systems.

Selected Interventions:

Climate Change Intervention

Describe Interventions:

To increase the City' s natural carbon sequestration and resilience capacity, Members implement restoration activities on community lands that are designed to enhance neighborhood and natural system resilience.

Dosage: 11.3 hours / per acre treated

Target Population: Prairie landscapes, and highly vulnerable neighborhood natural systems

EN4 Output:

EN4: Acres of parks or public land treated.

Target:	300	Acres
Measured By:	Tracking System	
Described Instrument:	Number of acres treated as measured by staff in the Natural Area Preservation unit at the City.	

EN4.1 Outcome:

EN4.1: Acres of parks or public land improved

Target:	150	Acres
Measured By:	Land Manager Assessment	
Described Instrument:	The absolute acreage of land improved through Member stewardship as measured by the Natural Area Preservation Manager	

Program Information

AmeriCorps Funding Priorities

*Check any priority area(s) that apply to the proposed program. Please refer to the NOFO for the information on the threshold for meeting priority consideration

Additional benefits to AmeriCorps members, Environmental stewardship

Grant Characteristics

*Check any characteristics that are a significant part of the proposed program.

Geographic Focus- Urban

Demographics

Other Revenue Funds	0
Number of volunteers generated by AmeriCorps members	20
Percent of disadvantaged youth enrolled	8

Required Documents

Document Name

Status

Evaluation

Not Applicable

Federally Approved Indirect Cost Agreement

Not Applicable

Labor Union Concurrence

Sent

Other Documents

Sent

Logic Model

Problem	Inputs	Activities	Outputs	Short-Term Outcomes	Mid-Term Outcomes	Long-Term Outcomes
<p>The community problem that the program activities (interventions) are designed to address.</p>	<p>Resources that are necessary to deliver the program activities (interventions), including the number of locations/sites and number/type of AmeriCorps members.</p>	<p>The core activities that define the intervention or program model that members will implement or deliver, including duration, dosage and target population.</p>	<p>Direct products from program activities.</p>	<p>Changes in knowledge, skills, attitudes and opinions. These outcomes, if applicable to the program design, will almost always be measurable during the grant year.</p>	<p>Changes in behavior or action. Depending on program design, these outcomes may or may not be measurable during the grant year.</p>	<p>Changes in condition or status in life. Depending on program design, these outcomes may or may not be measurable during the grant year. Some programs, such as environmental or capacity-building programs, may measure changes in condition over a period as short as one year.</p>
<p>Climate change is having immediate and significant impacts on Ann Arbor - from a 44% increase in annual precipitation which is causing massive flooding events, to extreme changes in temperature leading to public health ramifications and deteriorating infrastructure.</p> <p>In response to this urgent need, Ann Arbor City Council, under the direction of the public, set the goal of achieving a just transition to community-wide carbon neutrality</p>	<p>10 full time Members will be based in one community - Ann Arbor.</p> <p>1 Director: 10% 1 Manager: 25% 1 Coordinator: 100% 1 Field Supervisor: 20%: 1 Natural Area Preservation Manager: 5%</p> <p>Members will be supported by a network of 110 A2ZERO Collaborating organizations who will provide training and community engagement support</p>	<p>Service members will be involved in two primary activities</p> <p>1) Educational Programs: To build community member engagement in A2ZERO goals and to spur individual action, AmeriCorps members will coordinate and deliver two forms of decarbonization education, including:</p> <p>a) A2ZERO Community education: General group educational programs to increase understanding of</p>	<p>1a) 1,000 individuals participate in community education programs (EN3)</p> <p>1b) 1000 individuals sign-up for A2ZERO Decarbonization assessments</p> <p>2) 300 acres treated (EN4)</p>	<p>1a) 700 Individuals will demonstrate an increased intention to engage in city decarbonization programs and resources as evidenced by results of pre- post program surveys (EN3.2)</p> <p>1b) 500 Individuals will demonstrate an increased intention to decarbonize their buildings as evidenced by results of pre- post assessment surveys</p> <p>2) 150 acres of land in frontline communities in improved under full stewardship (EN4.1)</p>	<p>Ann Arbor sees a 10% annual increase in zero carbon and electrification equipment (e.g., heat pumps, electric hot water heaters, solar panels, battery storage systems) installed from the 2022 baseline and a 10% increase in the carbon sequestration of actively managed natural lands from a 2022 baseline.</p>	<p>Over the long-term Ann Arbor is on track for a 10% reduction in annual greenhouse gas emissions through building decarbonization, individual behavior change, and increased carbon sequestration on public lands.</p> <p>Community members (particularly frontline community members) are more actively engaged in climate efforts, thereby fostering greater community well-being,</p>

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<p>by the year 2030 (known as A2ZERO). Given that 67% of local greenhouse gas emissions come from the built environment, a significant emphasis needs to be placed on reducing emissions from buildings.</p> <p>Achieving this unanimously adopted Council goal necessitates that all residents are part of the climate movement and implementing collective actions that drive emissions downward while enhancing community resilience. But the capacity to engage with all community members (let alone a majority) is non-existent. Instead, current staff end up engaging with those that are already taking action and failing to create a broader movement that centers the needs, lived experiences, and opportunities of frontline</p>	<p>to members.</p> <p>Funding AmeriCorps: \$229,905 Local Match: \$409,676</p>	<p>decarbonization goals and resources intended to foster broad-based decarbonization action among community members Dosage: average of 8.5 hours / per person for setup and delivery of programming.</p> <p>b) A2ZERO Decarbonization assessments: one-one-one building decarbonization assessments that document potential energy saving opportunities, and identify rebates, and provide guidance on how to implement identified solutions. intended to accelerate adoption of decarbonization systems and Dosage: 12.75 hours / per person for setup and delivery of assessments.</p> <p>2) Stewardship: To increase the City's natural carbon sequestration and resilience capacity,</p>				<p>preparedness, and long-term quality of life improvements for Ann Arbor and Michigan as a whole.</p>

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communities.		Members implement restoration activities on community lands that are designed to enhance neighborhood and natural system resilience. Dosage: 11.3 hours / per acre treated Target Population: Prairie landscapes, and highly vulnerable neighborhood natural systems				