GSA Acquisition Policy Federal Advisory Committee -GAP FAC Public Meeting

Federal Advisory Committees

The Federal Advisory Committee Act of 1972 (FACA)

- Balanced membership of experts from multiple sectors
- Objectivity, transparency & independence

A long-standing American Tradition



GSA Leadership Remarks

Krystal Brumfield, GSA Associate Administrator,
Office of Government-wide Policy

Jeff Koses, GSA Senior Procurement Executive

Committee Leadership Remarks

Troy Cribb, Chair Cassius Butts, Co-Chair

Agenda

- Overview of Recommendations
- Acquisition Workforce Subcommittee Recommendations
- Industry Partnerships Subcommittee Recommendations
- Policy and Practice Subcommittee Recommendations
- Vote on Recommendations
- Closing Remarks

Overview of Recommendations

Acquisition Workforce Subcommittee

- Implement a Change Acceleration Strategy
- Make Sustainability A Core, Foundational Capability Across the Acquisition Workforce
- Create Acquisition Sustainability Experts through a New Sustainability Certification

Industry Partnerships Subcommittee

- Identify, Engage and Onboard Innovative New Entrants
- Sponsor maturity model for embedding sustainability and climate risk mitigation

Policy and Practice Subcommittee

Reduce Single-Use Plastics and Packaging

Acquisition Workforce Subcommittee Recommendations

Acquisition Workforce Subcommittee

Members

Nicole Darnall Chair, Arizona State University	Anne Rung Co- Chair, Varis
C. Gail Bassette, Bowie State University	Darryl Daniels, Jacobsen Daniels Assoc.
Mark Hayden, State of New Mexico	David Malone, AquireIQ
Steve Schooner, George Washington University	Kristin Seaver, General Dynamics Information Technology
Clyde Thompson, GovStrive LLC	

Policy adoption is symbolic if it is not translated into action

Subcommittee Mission & Priorities

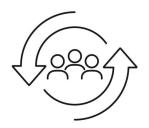
MISSION

To **empower and equip** the Federal Acquisition Workforce to **prioritize environmental outcomes and promote sustainability** throughout the acquisition lifecycle.

PRIORITIES (initial)

- 1. Identify the **essential pathways** needed to make environmental and sustainability considerations a **core competency** in Federal acquisitions.
- 1. Identify the **critical levers** needed to **empower the acquisition workforce** to prioritize environmental outcomes and promote sustainability with the **least amount of effort**.

Recommendations



1.
Implement a change acceleration strategy



Make sustainability a core, foundational capability across the acquisition workforce



3.
Create
acquisition
sustainability
experts

Who We Engaged

GSA

- Focus Group Acquisition Workforce "Frontliners" Focus Group (5)
- Focus Group Acquisition Workforce Contract Officers, Program Managers (10)
- Nicholas West Acting Director, Office of Acquisition Policy, Integrity & Workforce Office of Government-wide Policy
- Nicole Acevedo Division Director, Acquisition Workforce Division
- Brennan Conaway Branch Chief Acquisition Policy Division Office of Policy and Compliance Federal Acquisition Service
- Jeff Koses Senior Procurement Executive
- Danielle Mouw Procurement Analyst, ITAWG Lead
- Bea Dukes Acquisition Career Manager/Strategic Acquisition Advisor

Who We Engaged

Environmental Protection Agency

- Holly Elwood, Senior Advisor, Environmentally Preferable Purchasing Program
- Stephan Sylvan, Senior Policy and Program Advisor, Government-wide Category Management Program

Federal Acquisition Institute - Christine Heibeck, Learning & Development Program Mgr.

Office of Federal Procurement Policy – Joanie Newhart, Associate Administrator for Acquisition Workforce Programs

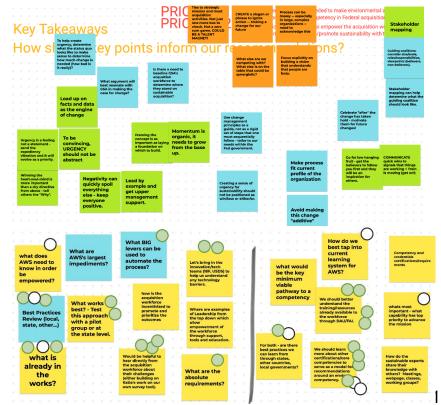
State and Local Government – Environmental Procurement Leaders

- Danielle Hinz, formerly Chief Procurement Officer, King County, WA
- Charleen Fain, Engineering Branch Chief, Procurement Division, Dept. General Services,
 State of California
- Julia Wolfe, Director of Environmental Purchasing, Commonwealth of Massachusetts

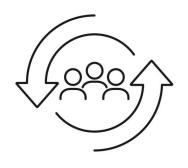
White House Council on Environmental Quality – Katy Newhouse, Dir. for Sustainable Operations - Supply Chain, Office of the Federal Chief Sustainability Officer

Data

- > 25 speakers
- 8 independent government units
- ~ 12 hours of speaker interviews, discussions
- Collaborative digital whiteboarding



1. Implement a Change Acceleration Strategy

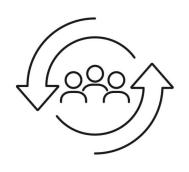


Change without a guiding plan = Uncoordinated moving parts

- Communicate the "Why"
- Establish and communicate interim goals
- Form a powerful guiding coalition
 - Reinvigorate GSA's National Sustainability Council
 - Create Regional Sustainability Councils
 - Establish Sustainability Specialists
- Empower others to act connects to Recommendations #2, 3

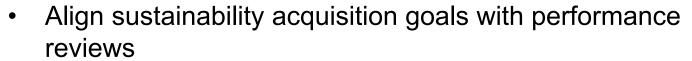


1. Implement a Change Acceleration Strategy



Creating and Sustaining Movement

- Track and communicate unambiguous short-term wins
- Align sustainability acquisition recognition structures*







* **Example**: White House's Presidential Federal Sustainability Awards – recognize sustainability leadership across the Federal government

2. Make Sustainability a Core, Foundational Capability



Training and development of acquisition professionals are **critical to the success** of advancing sustainability throughout the acquisition lifecycle.

We recommend three key actions:

- Embed sustainability into FAC-C Modernization
- Curate learning that is relevant to acquisition roles
- Leverage Industry expertise

^{*} Example: King County, WA

3. Create Acquisition Experts



Highly trained acquisition experts, or coaches, can be deployed to support peer-to-peer engagement across their own and other acquisition teams. As a result, GSA can accelerate the promotion of sustainability best practices across stages of the acquisition lifecycle and amplify the overall success of sustainable acquisition outcomes.

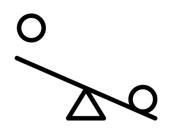
We recommend three key components to building a new team of certified, sustainability experts:

- Build a Cohort Based Program
- Assess the Current State and Gaps to Create a Competency Framework
- Provide Real-World, Experiential Learning

^{*} Example: GSA's ITAC program

Challenges and Solutions

- Assessing job descriptions to include expectations about the specialized sustainability training
- Identifying learning objectives, pilot testing
- Automating change and reducing friction



Priority #2

Identify the **critical levers** needed to **empower the acquisition workforce** to prioritize environmental outcomes and promote sustainability with the **least amount of effort**.



Conclusion

Policy adoption is symbolic if it is not translated into action...

Bringing the people along, Create the sustainability mindset

Questions & Answers

Nicole Darnall Chair, Arizona State University	Anne Rung Co-Chair, Varis
C. Gail Bassette, Bowie State University	Darryl Daniels, Jacobsen Daniels Assoc.
Mark Hayden, State of New Mexico	David Malone, AquireIQ
Steve Schooner, George Washington University	Kristin Seaver, General Dynamics Information Technology
Clyde Thompson, GovStrive LLC	

Thank you to the many individuals who generously gave their time to meet with us and answer our questions

Industry Partnerships Subcommittee Recommendations

Industry Partnerships Subcommittee

Members

Kristin Seaver, Chair, General Dynamics Information Technology	Farad Ali, Co-Chair, Asociar LLC
Denise Bailey, Philadelphia International Airport	C.Gail Bassette, Bowie State University
Nicole Darnall, Arizona State University	Susan Lorenz-Fisher, AmerisourceBergen Corp.
Deryl McKissack, McKissack & McKissack	Mamie Mallory, Mallory & Associates, LLC.
Stacy Smedley, Building Transparency	Nigel Stephens, U.S. Black Chambers of Commerce
Keith Tillage, Tillage Construction, LLC	Dr. David Wagger, Institute of Scrap Recycling Industries
Dr. Kimberly Wise White, American Chemistry Council	

Subcommittee Mission

To provide the full GAP FAC, and in turn GSA, with recommendations on how best to

identify, engage and equip a broader and more diverse supplier base to achieve the government's goals of

sustainability, environmental justice, economic equity, and a resilient domestic supply chain

With a specific focus towards

Small, mid sized, underutilized, underrepresented businesses as well as new entrants.

Subcommittee Priorities

<u>Impactful engagements</u> that address the target market and broaden the pool of viable suppliers



Target market

small, midsize, underutilized, and underrepresented businesses, as well as innovative and new entrants



Metrics, motivations and methods that can be developed and deployed to validate meaningful progress, inspire action beyond mere compliance, and share lessons learned and best practices across the federal supplier base

Discovery, Exploration And Refinement

SMALL BUSINESS ADMINISTRATION

for the Office of Business Development

Antonio Doss, Director, Strategic Planning and Economic Development, Office of Field Dr. Donna Peebles, Associate Administrator

Information Technology Industry Council (ITI)

Concept for Considering Sustainability in **Procurement**

Based on Mission - lets sort through our ideas engage to **Best Practices** Measures and Motivat ns #4 Express the goa and design a plan to #12 Evaluate and #22 Conduct #3 How might we constituents in a Multiple Award maintain way to participate outreach Schedules entry entities to partne sustainable suppl netrics to be used to programs to challenges for small with small chains independent MWBE of partners and women owned enterprises businesses in sustainable acquisitions? there is a reduction framework or best in the number of #8 Conduct contractors outreach program business with th enforcement and connect targeted subset of supplier pool to hea allow small more large dominated #17 I believe we should expand outreach to Ledge "industry partner to get a greater input for a better Accelerating Government #18 Revisit the pilo

Opportunities to Improve Federal Sustainable Procurement for GSA FACA on Sustainable Procurement



GSA's OFFICE OF THE PROCUREMENT OMBUDSMAN (OPO)

FAS & Industry Partners: C to Advance Climate & Sust

and partnering

MWBE enterprise

program to

markets (for

small/und

what their targeter

Katie Miller Senior Leader for Climate Office of Industrial Climate Office of Policy & Compliance **Federal Acquisition Service December 21, 2022**

Recommendations





Recommendation #1:

Identify, engage and onboard innovative new entrants





Recommendation #2:

Sponsor maturity model for embedding sustainability and climate risk mitigation in federal acquisition



Introduction - Recommendation #1

Identify, engage and onboard innovative new entrants

- It is difficult to expand the federal supplier base with innovative new entrants specializing in leading edge sustainable products and services.
- These companies are not part of the familiar targeted pools and may have little to no experience working with the federal government.
- This challenge, along with the need for greater climate risk mitigation efforts, signals that expanded and different approaches are necessary.



Description - Recommendation #1

Identify, engage and onboard innovative new entrants

- Target procurement initiatives under the climate change/sustainability portfolio
- Fast track new entrants that can accelerate the current climate progress curve in federal acquisitions
- Identify and expand the participation of small and midsized, innovative firms that can bring game-changing technologies, products or services
- Focus on speed and impact



Examples, Challenges and Solutions

Recommendation #1:

Identify, engage and onboard innovative new entrants

The key will be how to best identify, attract and onboard those businesses not yet known by fully leverage existing programs and contract vehicles or, if necessary, create new avenues.

- CHALLENGE.GOV, "where innovators are inspired to meet challenges big and small"
- Green Procurement Compilation, Sustainable Facilities Tool, SFTool, GSA Environmental Aisle on GSA Advantage
- GSA Ombudsman: fostering healthy relationships with industry
- Partnerships with Small Business Administration, Environmental Protection Agency, and Department of Defense
- Reach more academic institutions, particularly Historically Black Colleges and Universities (HBCU)

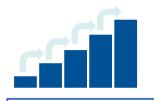


Conclusion - Recommendation #1

Identify, **engage** and **onboard** innovative new entrants

By implementing this recommendation GSA will:

- Attract businesses in the entrepreneurial ecosystem
- Enable startups to accelerate their growth
- Fuel the entrepreneurial spirit in the United States
- Send a strong demand signal for innovation
- Make connections that count to maximize speed and positive impact on sustainability and climate risk mitigation efforts



Introduction - Recommendation #2

GSA sponsor sustainability and climate risk maturity model

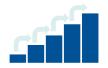
The faster more suppliers can better understand how to drive delivery of sustainable services and understand why and how to mitigate climate risk in their own businesses, the sooner GSA can meet its goals of maximizing sustainable acquisitions in the shortest period possible, while strengthening the resilience of the government's supply chain.







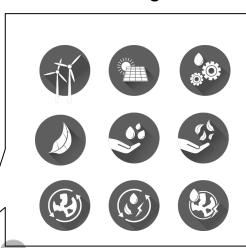
- Sustainability and climate risk expectations continue to increase as does the need to do more for the planet sooner
- Awareness, knowledge and capabilities around federal acquisition requirements for sustainability and climate risk are not universally understood
- Pathways to progress are not clear
- A mechanism is needed to quickly increase knowledge, competencies, and commitment across the supplier base



Description - Recommendation #2

Sponsor maturity model for embedding sustainability and climate risk mitigation

- Increase knowledge and capability of the supplier base
- Support GSA's goal of accelerating sustainable acquisitions and minimizing supply chain climate risk
- Effective and proven method
- Engage and equip supplier base with accurate and actionable information, proven methods, standard terminology, and consistent educational tools and resources
- Consistent metrics and benchmarks for measuring progress
- Mechanism for updating information, regulations, and best practices over time





Examples, Challenges and Solutions

Recommendation #2: Sponsor industry facing sustainability in acquisition maturity model

Maturity models are a proven method across government



- NIST Cyber Security Framework (CSF)
- DOL Data Maturity
- Industry Partnership White Paper

Partnerships and 3rd party provider support for development and deployment



- Consider partnering with SBA and EPA, engage the key industry association groups
- Consider Requests For Information with 3rd party providers
- Capture lessons learned from other agencies: NIST, DOD, DOL

Maturity models equip and enable broadly



- Consistent terminology, methods and measures to guide the full supplier base
- Allows GSA to target ongoing resources and efforts
- Roadmap for progress encourages suppliers to move beyond compliance creating pull



Conclusion - Recommendation #2

Sponsor maturity model for embedding sustainability and climate risk mitigation

- A thoughtful and broadly communicated maturity model will allow GSA to reach the broadest audience of the supplier pool and level set expectations and methods for driving sustainability goals.
- The incremental or phased approach to using a maturity model also helps GSA to focus on achievable improvements, build momentum, and ultimately achieve higher levels of maturity overtime.
- Maturity models provide a roadmap for suppliers to look ahead and advance their efforts to move beyond compliance and become forward leaning in driving sustainability and mitigating climate risks in delivery of their goods and services.

Other Topics In-Progress

Recommendations for Future Consideration

GSA sponsor the creation and deployment of **industry networking group directory exchange**

Accelerate capacity building by creating a digital marketplace of best practices

Leverage the power of the large suppliers to drive expansion and capacity by creating incentives for them to partner with small businesses and new entrants.

Provide a **higher level of data access**, **fidelity and transparency** on climate progress

Develop **collaboration/performance metrics** for measuring effectiveness of engagement

Questions & Answers

Thank you to all who have contributed with support, knowledge, time and effort. We look forward to further discussion.

"You cannot get through a single day without having an impact on the world around you.

What you do makes a difference, and you have to decide what kind of difference you want to make."

— <u>Jane Goodall</u>

Policy & Practice Subcommittee Recommendations

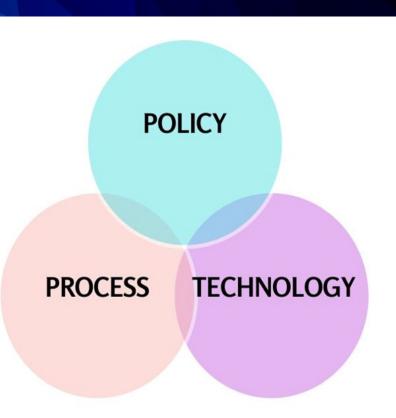
Policy & Practice Subcommittee

Members

Steven Schooner, Chair, George Washington University	Luke Bassis, Co-Chair, Port Authority of New York and New Jersey
Richard Beutel, Cyrrus Analytics LLC	Leslie Cordes, Ceres
Antonio Doss, Small Business Administration	Mark Hayden, State of New Mexico
Mamie Mallory, Mallory & Associates, LLC	Dr. Amlan Mukherjee, Michigan Technological University
Jennie Romer, Environmental Protection Agency	Stacy Smedley, Building Transparency
Nigel Stephens, U.S. Black Chambers of Commerce	Anish Tilak, Rocky Mountain Institute
Dr. David Wagger, Institute of Scrap Recycling Industries	Dr. Kimberly Wise White, American Chemistry Council

Mission and Priority Areas

The Policy and Practice Subcommittee's *mission* is to recommend actionable changes to GSA procurement policies and practices that encourage innovation and streamline the acquisition process to accelerate the demand and utilization of goods and services from a diverse supplier base to achieve measurable progress on climate and sustainability goals.





Meet the Experts: Broad & Diverse Perspectives

Adina Torberntsson

Procurement Analyst General Services Acquisition Policy Division Office of Government-wide Policy, GSA

Katie Miller

Senior Leader for Climate Office of Industrial Climate Federal Acquisition Service, GSA

Dr. Amlan Mukherjee

Professor of Civil, Environmental and Geospatial Engineering, Michigan Technological University

Stacy Smedley

Executive Director, Building Transparency

Porter Glock

Procurement Analyst, The Office of Federal Procurement Policy

Jenna Larkin

Environmental Protection Specialist, Environmentally Preferable Purchasing Program, EPA

Nicole Darnall

Director/Co-Founder, Sustainable Purchasing Research Initiative, Arizona State University

John Kostyack

Principal, Kostyack Strategies and Ceres Consultant

Mark Hayden

State of New Mexico

Michael Cooper

GSA Federal Acquisition Service

Steven Baker

GSA

And Still Learning, and Listening...

Intellectual Debate and Analysis

Single-Use Plastics

And GSA Rulemaking

Introduction to Life Cycle Assessment: EPDs in Policy

Amlan Mukherjee, PhD, PE

Professor, Dept. of Civil, Environmental & Geospatial Engineering Michigan Technological University

Life Cycle Assessment Technical Specialist, Climate Challenge Program Office of Infrastructure, Federal Highway Administration (FHWA)

Agenda:

Elements of Life Cycle Thinking

- Life Cycle Assessment
- Life Cycle Cost Analysis
- Life Cycle Thinking

Communicating LCA Outcomes

- **Product Category Rules**
- **Environmental Product** Declarations (EPD)
- **EPD Programs**

EPDs in Procurement Policy

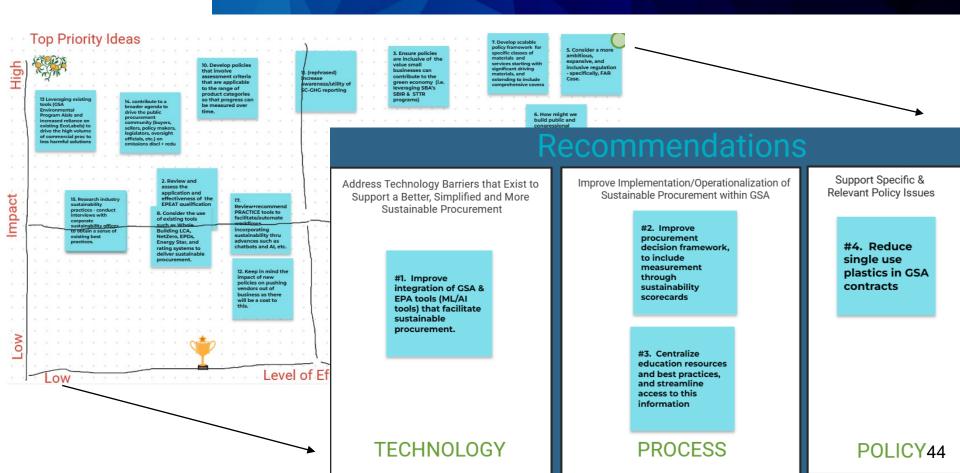
- Initiatives within EPA, FHWA and GSA
- Implementation: Climate Challenge



EPA's Environmentally Preferable Purchasing Program



Visualizing Recommendations





From Waste to Worth: The Case for Reduction

- Plastics pollution and waste poses major global issues with negative impact on the environment, human health, and climate.
- Short-lived shipping and packaging materials often have unnecessary packaging that can be reduced without compromising product protection.
- Single-use plastics and packaging materials that are difficult to recycle or compost end up in landfills or processing facilities, often in disadvantaged communities.
- Disposing of non-recyclable product packaging and shipping materials results in costs for Federal agencies, including those located in GSA-managed buildings, which may also pay for recycling in disposal and recycling contracts.

Recommendation



Move forward with a rulemaking process to reduce single-use plastics and packaging through government procurement.



Develop **procurement** and **facility-specific pilots**.



Follow EPA's materials management hierarchy of reduce, reuse, and recycle.

Roadmap

Existing Context Evaluation & Roadmap Development Source Reduction Increase Reuse Improve, Expand Recycling **Compostable Materials**

- With EPA, identify existing sustainability standards or ecolabels that incentivize plastic waste reduction in their certified products
 Identify gaps, opportunities for additional standards & ecolabels
- Develop and implement strategy with measurable goals and timelines
 to phase out single use plastics across GSA
- Improve scheduling and bulk ordering processes
- Develop **incentives** to reduce packaging
- Pilot restricting plastic water bottle sales in GSA-managed buildings
- Pilot replacing small bathing products with bulk in lodgings
- Evaluation criteria + incentives to provide reusable shipping materials and reverse logistics
- Encourage use of **reusable bottles and cups i**n GSA owned buildings
- Pilot requiring reusable foodware availability for dine-in meals
- Pilot replacing plastic bottle vending with fountains and reusable cups
- Develop prioritized evaluation criteria or incentives for highly recyclable items
 - Pilot purchasing products with maximum recycled content levels
- Explore readily available alternatives to avoid non-recyclable materials
- Conduct mapping to identify regions with industrial composting service
 Conduct pilots at GSA-owned facilities in receptive regions to replace
- Conduct pilots at GSA-owned facilities in receptive regions to replace plastic packaging and cutlery with food service flatware with BPI certified compostable products

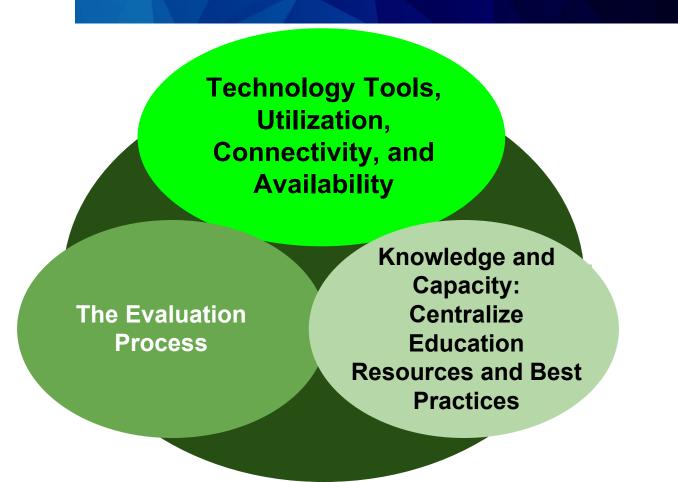
Considerations (and supplemental recommendations)

- Avoid unintended consequences, including regrettable substitutions.
- Deploy Life Cycle Thinking in weighing product substitution versus reduction to minimize adverse environmental impacts and maximize benefits.
- **Ensure** availability of, and acceptance by, **local commercial composting** programs before substituting compostable for plastics. Evaluate end-of-life implications for items marketed as biodegradable.
- Carve appropriate exemptions for disaster recovery, disability accommodations, medical use, and personal protective equipment.
- Engage with USDA staff on research, market development programs, and innovations in biobased materials, waste management, and BioPreferred procurement.

Conclusions

- Aggressively pursue rulemaking for single-use plastics and packaging to support the Federal Sustainability Plan's net-zero procurement goal by 2050 and the global goal of no additional plastic pollution by 2040
- Failure to pursue rulemaking may hinder the implementation of other relevant recommendations
- Use federal procurement spending to reduce plastic demand and inspire private industry to tackle plastic and pollution
- Improved recyclability of single-use plastics and packaging reduces landfill disposal and incineration, supporting sustainability goals when reduction and reuse are not feasible.

Next Steps: Future Considerations



Next Steps: Future Considerations (cont.)

While this recommendation focuses largely on reduction, we also favor adding language and policy guidance that would increase the recycling and reuse of single-use plastics as well.

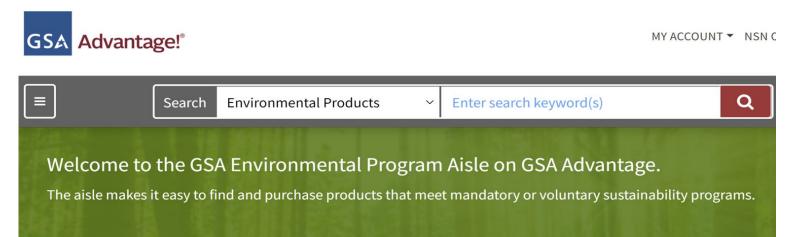
As the largest purchaser in the world, GSA has a valuable opportunity to encourage the development of recycling infrastructure, particularly in cases where eliminating single-use plastics is not feasible or practical.

Technology Solutions: Making Sustainable Procurements Easy



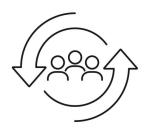
Potential Commercial Item Initiatives:

- Consolidate & Streamline e-Tools
- Raise Micro-Purchase or Simplified Acquisition Thresholds (MPT, SAT)
- Expand Cooperative Purchasing to Empower State and Local Buyers



Cross-Cutting Issues

The *Body of Knowledge* (General and Specific), *Curriculum*, Resources, Core Competencies, Skills, Sharing Best Practices, Pilots (Lessons Learned), *Focus and Priorities* (Agencies & Organizations, Types of Procurements, Markets, Industries), Private Sector Capacity, etc.



1.
Implement a change acceleration strategy



2.

Make sustainability a core, foundational capability across the acquisition workforce



3.

Create acquisition sustainability experts



Questions & Answers

We don't have to engage in grand, heroic actions to participate in change. Small acts, when multiplied by millions of people, can transform the world. – *Howard Zinn*



Vote on Recommendations

Overview of Recommendations

Acquisition Workforce Subcommittee

- Implement a Change Acceleration Strategy
- Make Sustainability A Core, Foundational Capability Across the Acquisition Workforce
- Create Acquisition Sustainability Experts through a New Sustainability Certification

Industry Partnerships Subcommittee

- Identify, Engage and Onboard Innovative New Entrants
- Sponsor maturity model for embedding sustainability and climate risk mitigation

Policy and Practice Subcommittee

Reduce Single-Use Plastics and Packaging

Closing Remarks

Robin Carnahan, GSA Administrator

Thank You!

For more information about the committee visit the GAP FAC Website:

https://www.gsa.gov/policy-regulations/policy/acquisition-policy/gsa-acquisition-policy-federal-advisory-committee

Written comments can be submitted through Regulations.gov to:

Docket Number: GAPFAC-2022-0001

Or via email to:

gapfac@gsa.gov

GAP FAC Member Biographies

Chair and Co-Chair Biographies



Troy Cribb, Chair

Director of Policy at Partnership for Public Service. She works to improve government management and strengthen the United States civil service through development of policies to help modernize government

managamant



Cassius Butts, Co-Chair

Chief Strategy Officer and Managing Partner at Global Leader Group. Currently leads start up corporation focused on helping organizations achieve excellence through the expert areas via practitioner consulting, learning, and development. ₆₁



Farad Ali

President and Chief Executive
Officer of Asociar Limited
Liability Company. For 20
years, he has worked to
strengthen the asset base of
diverse populations through
policy, education and economic
opportunities for women and
minority business enterprises.



Deputy Director of Aviation for
Business Diversity and Accessibility,
Philadelphia International Airport. She
has years of experience managing and
growing small, minority and womenowned businesses. She is a subject
matter expert in a variety of areas in
government contracting and
transportation arenas.



C. Gail Bassette

Executive Director for Economic
Development and Strategic
Engagement at Bowie State
University. Vast knowledge and
experience as a federal
government contractor and
business advisor working with
state and federal government
lawmakers.

62



Luke Bassis

Procurement Deputy Director for Port Authority of New York and New Jersey. A proven innovator and leader with accomplishments in strategic procurement transformation and implementing innovative solutions in complex institutions to meet diverse business goals.



Richard Beutel

Principal Researcher at George Mason University. He believes that modernizing government infrastructure is essential to bringing a modern customer experience to underrepresented communities.



Leslie Cordes

Vice President for Programs at Cetes. She has extensive background in clean energy and energy efficiency program development, domestic and international energy policy, strategic planning, nonprofit operations, and budget development.

63



Darryl Daniels

Principal and Chief Executive Officer of Jacobsen Daniels Associates. Background and experience as a professional architect, planner, and aviation thought leader that provides the unique combination of lived and professional knowledge relevant for the work of the committee.



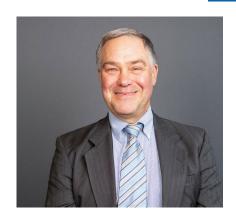
Nicole Darnall

Professor at Arizona State University's School of Sustainability. Her research uses theories of change to assess the effectiveness of sustainability governance approaches to determine how these approaches can improve global sustainability.



Antonio Doss

Deputy Associate Administrator for Office of Government **Contracting and Business Development for United States** Small Business Administration He is passionate about growing local economies and supporting the development needs of all entrepreneurs. 64



Mark Hayden

Division Director for State
Purchasing Division at New
Mexico General Services
Department. Recognized
leadership in state government
strategy including legislative
drafting and promulgating
procurement code rules.



Susan Lorenz-Fisher

Senior Vice President of
Corporate Responsibility &
Sustainability at
AmerisourceBergen Corporation.
Leading sustainability developer
responsible for environmental,
social, and governance practices
in the healthcare industry.



Mamie Mallory

President and Chief Executive
Officer of Mallory and
Associates, LLC. Her career
includes many years of
experience as a project
manager and
management/executive
experience in Federal service.



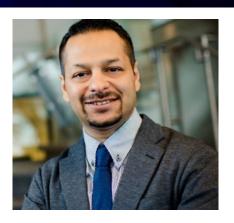
David Malone

David is the founder and president of AcquireIQ, LLC, a supply chain consulting and training company focused on helping organizations expand their procurement and supply chain value proposition through the optimization of people, process, and technology.



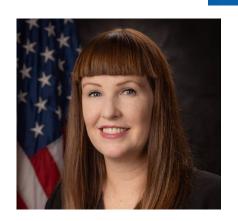
Deryl McKissack

Founder, Chairwoman and Chief Executive Officer for McKissack & McKissack. As the founder and CEO of one of the nation's largest and oldest minority- and womenowned architecture, engineering and construction firms, she brings decades of experience.



Amlan Mukherjee

Professor in the department of
Civil, Environmental and
Geospatial Engineering at
Michigan Technological
University. His professional work
has direct implications to
sustainable procurement
methods using Life Cycle
Assessment based instruments.



Jennie Romer

Deputy Associate Administrator for Pollution Prevention at the **United States Environmental Protection Agency's Office of Chemical Safety and Pollution** Prevention. She has more than a decade of experience as an attorney and sustainability consultant.



Anne Rung

Senior Vice President for the Public Sector at Varis LLC. Served as U.S. Chief Acquisition Officer, she was responsible for implementing acquisition policies on behalf of the White House covering more than \$440 billion in annual federal contract spending.



Steven Schooner

Nash and Cibinic Professor of **Government Procurement Law at George Washington University** Law School. He has decades of experience in acquisition policy and sustainability, with a strong background in acquisition; U.S. public procurement law and Federal Acquisition Regulations.,



Kristin Seaver

Vice President of Strategic Client
Engagement for the Federal Civilian
Division at General Dynamics
Information Technology. As Chief
Information Officer at the Postal
Service, she was highly engaged
with industry, building partnerships
and technology roadmaps and
facilitating agile, impactful
procurements.



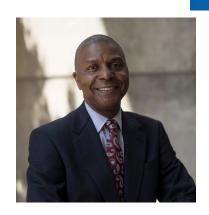
Stacy Smedley

Executive Director for Building
Transparency in Seattle
Washington. Sustainability
leader for the building and
construction industry, prioritizing
the development of sustainable
built spaces to improve the
occupant experience and create
positive impacts on the humans.



Nigel Stephens

Principal at Phoenix Strategies,
Inc. He has been working on
political campaigns to drive
initiatives around innovation
and Information Technology
modernization, small business
and entrepreneurship, minority
business development,
modernizing government, and
economic development.



Clyde Thompson

Senior Vice President for GovStrive LLC. While at the United States Department of Agriculture, he set management agendas, executed multi-billion dollar annually appropriated budgets, and safeguarded portfolios valued in excess of \$125 billion.



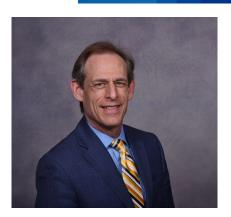
Anish Tilak

Manager with the Rocky Mountain Institute's Carbon-Free Buildings program. He comes from a strong building science background, and is developing technical research to provide subject matter expertise to support public agencies in advancing decarbonization programs and policies.



Keith Tillage

Co-founder and Chief Executive Officer of Tillage Construction, LLC. He participates directly as the Principal-in-Charge on all projects: oversees all projects: and ensures they are executed and completed on time and below budget.



Dr. David Wagger

Chief Scientist and Director of Environmental Management for Institute of Scrap Recycling Industries. Skilled at analyzing complex environmental situations, distilling them down to their basic principles, and communicating them to a broad variety of audiences.



Dr. Kimberly Wise White

Vice President for Regulatory and Scientific Affairs at American Chemistry Council. She has the scientific training, technical and policy expertise, and industry perspective needed to provide the views of an industry sector that touches virtually every product or material used.