

National Aeronautics and
Space Administration



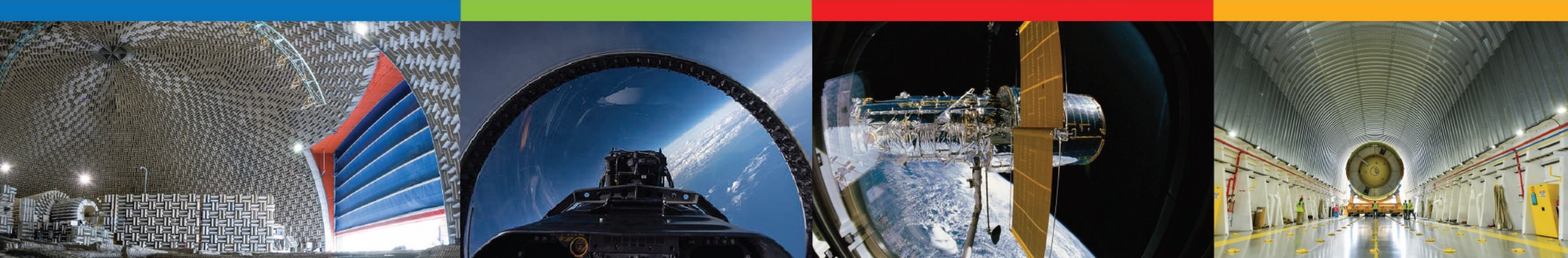
NASA's Campaign to Increase AbilityOne Participation in the Agency's Service Contracts

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Office of Procurement
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www.nasa.gov

EXPLORE
PROCUREMENT
The cornerstone of NASA's current and future missions



The National Aeronautics and Space Administration (NASA)

America's civil space program and the global leader in space exploration



NASA's Mission:

Lead an innovative and sustainable program of exploration with commercial and international partners to enable human expansion across the Solar System and bring new knowledge and opportunities back to Earth. Support growth of the Nation's economy in space and aeronautics, increase understanding of the Universe and our place in it, work with industry to improve America's aerospace technologies, and advance American leadership.





TRENDS IN AWARDS

Fiscal Year	Total NASA Obligations	Procurement Obligations	
		Amount	% of Total Obligations
2020	\$25,270.9	\$19,679.2	78.0%
2019	\$23,970.8	\$19,514.4	81.4%
2018	\$23,374.8	\$19,196.7	82.1%
2017	\$22,678.2	\$18,502.5	81.6%
2016	\$22,527.0	\$18,687.9	83.0%
2015	\$21,070.5	\$17,191.5	81.6%

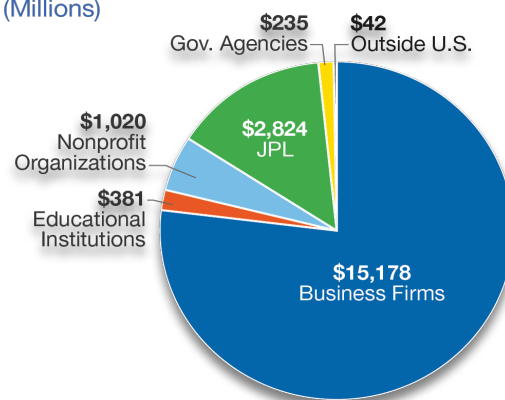
NASA spends approximately **78 percent of its budget on acquiring goods and services.**

NASA's procurements totaled over **\$19.6 billion.**

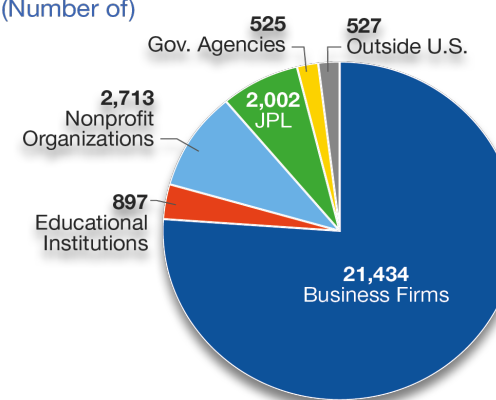
The number of procurement **actions totaled over 28,000** (e.g., awards, modifications) and managed in excess of 25,000 instruments (including contracts, PO, TO, DO).

AWARDS BY CONTRACTOR TYPE

Dollars (Millions)



Actions (Number of)

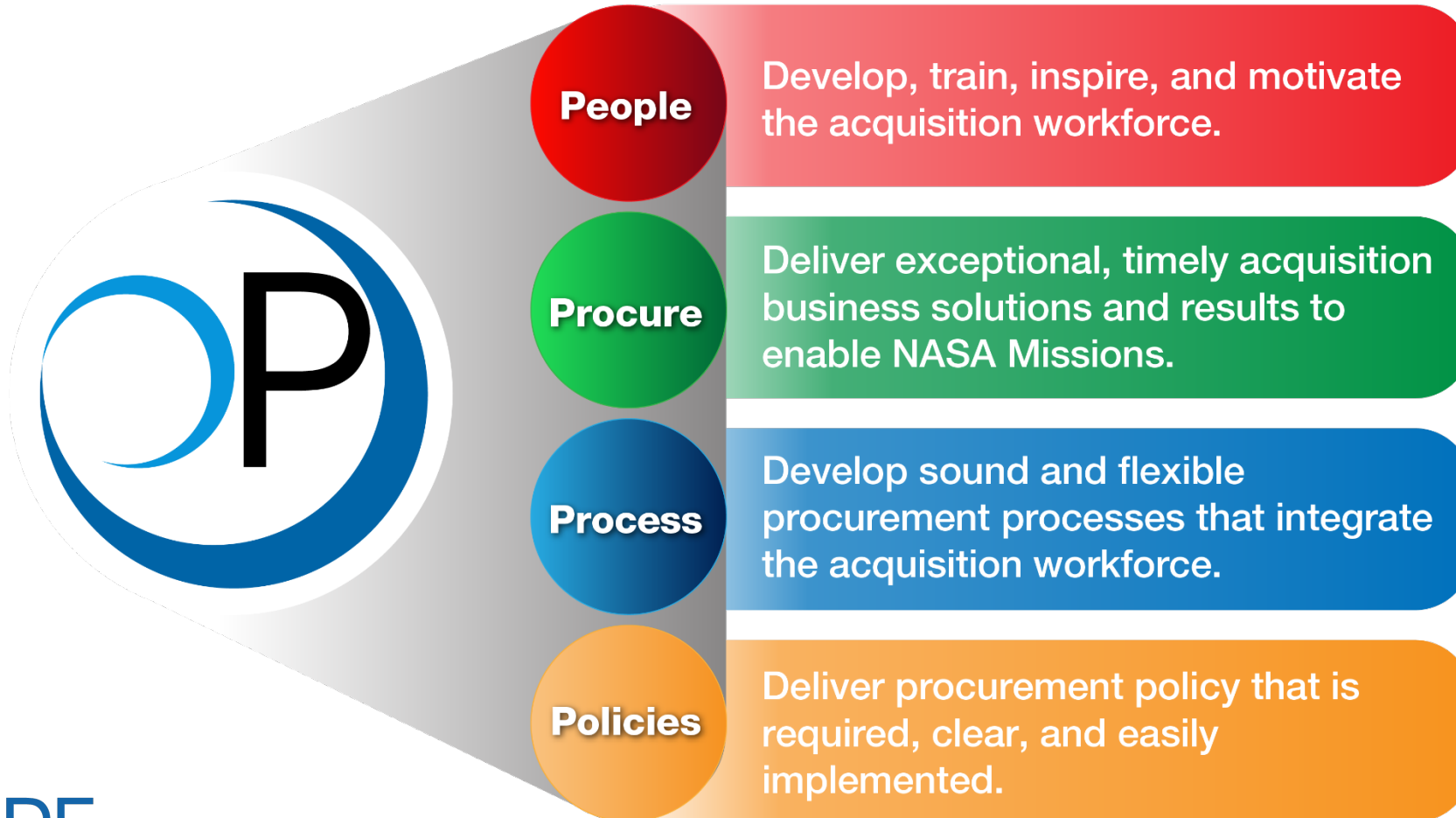


OP Vision

Acquisition Excellence in an Evolving Environment



Explore and Execute Innovative, Effective, and Efficient Acquisition Business Solutions to Optimize Capabilities and Operations that enable NASA's mission.



Mission Support Future Architecture (MAP)

OP Transformation to an Operational Enterprise



MAP KDP-C

Sept 25, 2019



Key Decisions:

People:

- ❖ Realign Supervision to OP AA
- ❖ Create a nationalized Procurement workforce
- ❖ **Procure:**
- ❖ Design Enterprise Product Service Line (PSL) Model
 - ❖ Leverage Strategic Sourcing and Best in Class Contracts

- ❖ Establish stand-alone IT Procurement Office

Process:

- ❖ Realign Budget authority to OP AA
- ❖ Establish enterprise processes and tools for budget and technology

Policies:

- ❖ Implement an enterprise Governance model
- ❖ Standardize procurement polices

Implement



OP is implementing the Enterprise operating model that seeks to optimize interdependencies, reduce redundancies, and leverage workforce skills and capacity while ensuring flexibility in meeting NASA's evolving mission.

Transformation Activity Examples:

- ❖ A prioritized focus on Customer Satisfaction (Centers and Mission Directorates)
- ❖ Ongoing Communication with Industry regarding the operating model
- ❖ Managing 26 PSLs with the Enterprise Requirement Managers
- ❖ New IT Procurement Office procures all Agency IT Requirements
- ❖ Completing a phased approach to standardizing procurement processes and policies
- ❖ Deploy an Enterprise Performance Metrics Dashboard
- ❖ Increased the utilization of existing Agency IT platforms (i.e., SharePoint)
- ❖ Created the weekly OP Dispatch communiqué for the workforce
- ❖ Developed a new OP workforce mentoring program
- ❖ Enterprise-wide career opportunities vs. Center only
- ❖ Re-established the OP Annual Awards Program

Operational Benefits



OP Priorities and Initiatives are focused on implementing and sustaining effectiveness and achieving efficiencies.

- ❖ Procurement Enterprise PSL Model will reduce duplicate contracts while maintaining Small Business utilization
- ❖ Strengthen partnerships with requirements owners for more successful acquisition outcomes
- ❖ Increase the proficiency of OP operations; streamline acquisition practices and processes
- ❖ Increase Opportunities for Procurement Workforce

OP's Transformation Initiatives



Refined Focus Areas



STANDARDIZATION OF POLICY, WORK INSTRUCTIONS AND TEMPLATES



ENTERPRISE PROCUREMENT COMMUNITY



AMPLIFIED COMMUNICATION STRATEGY



BASELINE PERFORMANCE REVIEW (BPR) METRICS

NASA Centers



Enables the Agency's mission and execute contracts in support of programmatic, institutional, and operational needs



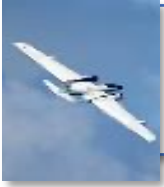
Headquarters OP - Provides stewardship of acquisition process to support successful accomplishment of mission objectives. Provide policy, oversight, optimization of procurement resources, and support Mission Directorate Acquisition Strategy Development to enable more efficient operations for NASA.



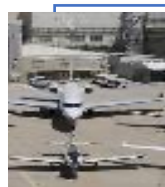
NASA Shared Services Center - Supports NASA's overall mission by providing core procurement services across the Agency; award /administration of grants and cooperative agreements; research & development contracts; complex, large dollar service contracts; and commercial item acquisitions.



NASA Management Office – NMO ensures proper coordination of all the required operational functions associated with the management of the FFRDC, the JPL contract, and is the focal point for communication with upper management at the JPL and actively represents NASA in local outreach and educational events.



Ames Research Center - Specializes in research geared toward gaining new knowledge and creating new technologies that span the spectrum of NASA interests.



Armstrong Flight Research Center - As the lead Center for flight research, Armstrong continues to innovate in aeronautics and space technology. The newest, the fastest, the highest -- all have made their debut in the vast, clear desert skies over Armstrong.



Glenn Research Center - Glenn develops and transfers critical technologies through research, technology development, and systems development for safe and reliable aeronautics, aerospace, and space applications.



Goddard Space Flight Center - Goddard's mission is to expand knowledge about Earth and its environment, the solar system, and the universe through observations from space.



Johnson Space Center - Leads NASA's efforts in human space exploration, from the early Gemini, Apollo, Skylab and space shuttle programs to today's International Space Station and Orion programs.



Kennedy Space Center - Kennedy is "America's Gateway to the Universe" -- leading the world in preparing and launching missions around Earth and beyond.



Langley Research Center - Langley continues to forge new frontiers in aviation and space research for aerospace, atmospheric sciences, and technology commercialization to improve the way the world lives.



Marshall Space Flight Center - Marshall is the world's leader in the access to space and the use of space for research and development to benefit humanity.



Stennis Space Center - Stennis is responsible for NASA's rocket propulsion testing and for partnering with industry to develop and implement remote-sensing technology.

NASA spends approximately 85% of its budget on acquiring goods and services. FY20 Procurement spend was \$19.7 billion; completed approximately 28K procurement actions (e.g. awards, modifications; not including grants or cooperative agreements) and managed in excess of over 9K instruments (e.g. contracts, PO, TO, DO & BPAs)

Enterprise Delivery Model Transformation



CONOPS to implement a successful transition of Procurement Assignments

- ❖ A matrix procurement workforce that supports the buying office that is responsible for the Procurement Assignment
- ❖ May participate on SEB and administration may be performed locally (i.e. issue Task Orders on Enterprise Contracts)
- ❖ Local Center Leadership may contact local POs/Chiefs of Contracting for all Procurement inquiries

Governance

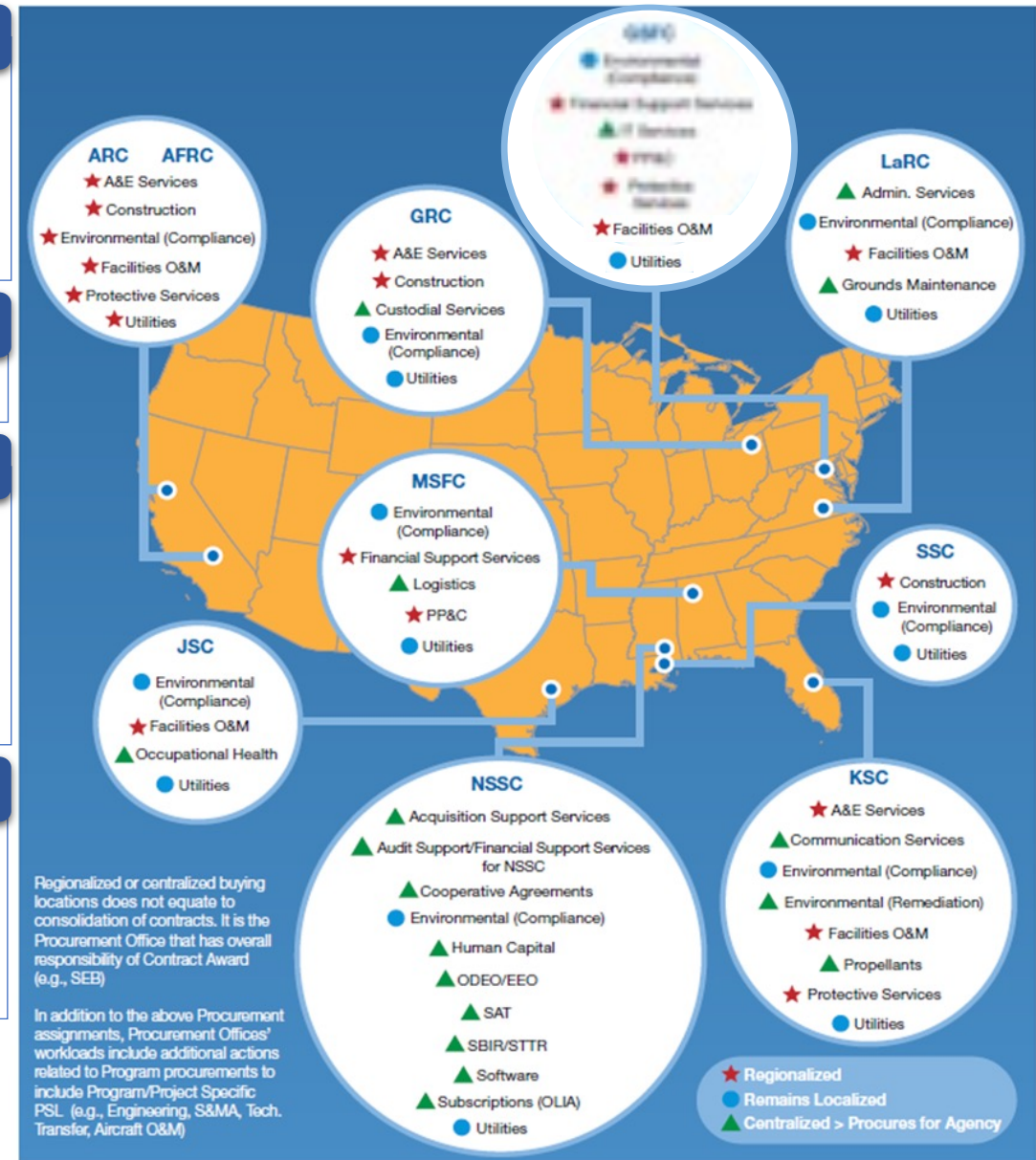
- ❖ Strategy for each PSL will be documented in [NASA FAR Supplement Appendix A](#)

Buying Office implementation of long-term strategies for each PSL

- ❖ Phased approach as strategies are developed considering existing contract off-ramps
- ❖ Each buying location identifies a PSL POC, Lead Contracting Officer (CO) responsible for PSL at the Buying Office (Procurement Assignment) Works closely with the PPMs and ERMs to complete a smooth handoff from the strategy development phase to the execution phase
- ❖ Works closely with one or more matrixed COs (including OSBP) from requiring Center to develop plan for the procurement and requirements development

Communicating the Change

- ❖ Ongoing communications with stakeholders
- ❖ POs ongoing communication with COs and entire workforce and local stakeholders
- ❖ Functional Owners / ERMs ongoing communication of PSL strategy with local technical requirement owners
- ❖ Develop outreach website to provide procurement entry points, roadmap of process, and guides (i.e. Doorway to Procurement)



PSL NFS Acquisition Strategy



Product Service Line (PSL)	Strategy In-Place (NASA FAR Supplement)
A&E Services (not associated w/ Env. Remediation)	A-102.14
Acquisition Support Services	A-102.4
Aircraft Operational Services	A-102.7
Communication Services	A-102.17
Construction	A-102.13
✓ Custodial Services	A-102.10
Environmental Compliance	A-102.16
Environmental Remediation & associated AE Services	A-102.15
Financial Support Services (OCFO)	A-102.8
✓ Grounds Maintenance Services	A-102.11
Human Capital Services	A-102.6
IT Services	A-102.2
Logistics Services	A-102.12
Legislative and Intergovernmental Affairs (OLIA)	A-102.5 (Subscription Purchases)
Project Planning and Control (PP&C) Services	A-102.9
Propellants	A-102.1
Protective Services (including Fire Services)	A-102.3

RFI: Advancing Racial Equity and Support for Underserved Communities in NASA Programs, Contracts and Grants



- ❖ On June 15, 2021, NASA Issued a [request for information](#) (RFI), seeking public feedback as it conducts a thorough review of its programs, practices, and policies to assess
 - ❖ **Potential barriers that underserved and underrepresented communities and individuals may face in agency procurement, contract, and grant opportunities.**
 - ❖ Whether new policies, regulations, or guidance may be necessary to advance equity and opportunities in agency actions and programs.
 - ❖ How agency resources and tools can assist in enhancing equity, including advancing environmental justice.
- ❖ Areas in which the agency would like to receive comments include:
 - ❖ Diversity and Equal Opportunity at NASA and in the STEM Community
 - ❖ Opportunities for NASA to Leverage its Data, Expertise, and Missions to Help Underserved Communities
 - ❖ Barriers/Gaps to Accessing Current NASA Grants, Programs, and Procurements
 - ❖ **Engagement and Outreach with Organizations and Individuals from Underserved and Underrepresented Communities**
- ❖ **July 13, 2021:** [Public Meeting for Racial Equity RFI.](#)

EXPLORE PROCUREMENT

The cornerstone of NASA's current and future missions

THANK YOU

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