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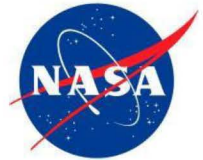
Description of document:	National Aeronautics and Space Administration (NASA) Glenn Research Center Strategic Plan for non-NASA business capture, 2013
Requested date:	04-October-2020
Release date:	23-October-2020
Posted date:	02-November-2020
Source of document:	NASA Headquarters 300 E Street, SW Room 5Q16 Washington, DC 20546 Fax: (202) 358-4332 Email: hq-foia@nasa.gov

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National Aeronautics and Space Administration

Headquarters

Washington, DC 20546-0001



October 23, 2020

Office of Communications

FOIA: 21-GRC-F-00016

Thank you for your Freedom of Information Act (FOIA) request dated October 4, 2020, and received October 6, 2020 at the NASA Headquarters FOIA Office. Your request will be processed by the NASA Headquarters FOIA Office on behalf of the NASA Glenn Research Center (GRC). You are seeking:

A copy of the NASA Glenn Strategic Plan for Non-NASA Business Pursuit/Capture. This was developed circa 2013.

The GRC program office conducted a search for Agency records. They identified one document consisting of two pages as responsive to your request. Although this document is an executive summary, no further documents were identified as relating to this summary. This document is releasable in full. Please be advised that no document titled 'NASA Glenn Strategic Plan for Non-NASA Business Pursuit/Capture' was found to exist.

Systems and databases searched included the GRC SharePoint Database for Collaborations, Partnership, and New Business Council. Search terms used included Strategic, External, and Partnerships.

Fees for processing this request are less than \$50.00 and are not being charged in accordance with 14 CFR §1206.504(f).

You have the right under 14 CFR §1206.700 to appeal this determination within 90 days from the date of this letter. Your appeal must be in writing and should be addressed to:

Administrator
NASA Headquarters
Executive Secretariat
MS 9R17
Washington, DC 20546
ATTN: FOIA Appeals

Your appeal should be marked "Appeal under the Freedom of Information Act" both on the envelope and the face of the letter. A copy of your initial request along with a copy of this correspondence and any other correspondence with the FOIA office must be enclosed. In order to expedite the appellate process and ensure full consideration of your appeal, your appeal should also contain a brief statement of the reasons you believe this response to be in error.

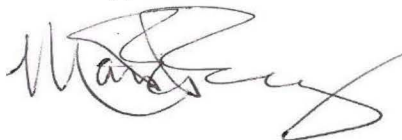
For further assistance and to discuss any aspect of your request you may contact NASA's Chief FOIA Public Liaison at:

Stephanie Fox
Chief FOIA Public Liaison
Freedom of Information Act Office
NASA Headquarters
300 E Street, S.W., 5P32
Washington D.C. 20546
Phone: 202-358-1553
Email: Stephanie.K.Fox@nasa.gov

Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services it offers. The contact information for OGIS is as follows: Office of Government Information Services, National Archives and Records Administration, 8601 Adelphi Road-OGIS, College Park, Maryland 20740-6001, e-mail at ogis@nara.gov; telephone at 202-741-5770; toll free at 1-877-684-6448; or facsimile at 202-741-5769.

Important: Please note that contacting any agency official including the undersigned, NASA's Chief FOIA Public Liaison, and/or OGIS is not an alternative to filing an administrative appeal and does not stop the 90 day appeal clock. If you have further questions, please feel free to contact me at martha.e.terry@nasa.gov or 202-358-2339.

Sincerely,

A handwritten signature in black ink, appearing to read "Martha Terry", with a stylized flourish at the end.

Martha Terry
NASA FOIA Officer
Headquarters, Office of Communications

NASA Glenn Research Center

External Partnership Sector Strategy Overview



A commitment to external partnerships is fundamental to the success of NASA's Glenn Research Center and its ability to support core NASA missions. In 2011, the Center initiated a more strategic approach to external partnerships and business development to increase engagement with external partners, building on existing efforts while staying consistent with our mission.

The goals of the effort outlined in this document are aligned with the October 2011 Presidential directive to all agencies to "accelerate technology transfer and commercialization of federal research in support of high-growth businesses"¹ as well as the NASA mission to "Drive advances in science, technology, and exploration to enhance knowledge, education, innovation, economic vitality, and stewardship of the Earth."²

Needs

The needs that direct external partnering engagement and leverage the Center's technical capabilities are:

- Further the NASA mission success in the 21st century
- Innovate through collaboration
- Drive local and national economic growth per Presidential directive¹

Goals

Near-term goals that support the external partnership needs are:

- **Align with and support NASA missions:** Strengthen and enhance Glenn capabilities required for future NASA mission requirements. Make critical technical contributions to future NASA mission requirements.
- **Enhance Glenn's core competencies:** Infuse NASA developed technologies into nationally high priority commercial sectors resulting in measured economic growth and high quality job creation.
- **Strengthen Glenn's role, reputation and brand:** Create innovative research and engineering solutions to priority problems through collaborations with external partners.

Priority Strategic Sectors

Glenn Research Center has chosen priority sectors for emphasis that are of acknowledged critical importance to the United States for economic and/or military security considerations, and align with the Center's core competencies of power, propulsion, communications, and advanced materials and structures. For each priority sector, Glenn is positioned to be a high value research, development, test and evaluation (RDT&E) partner with other government agencies, industry, and academia. The definitions of the priority sectors and Glenn's relevant capabilities are as follows:



Commercial Space/Satellite - Components, technology, and services associated with deploying satellites into space for commercial and scientific purposes.

Through differentiated space systems expertise – with particular emphasis on its core competencies of power, communications, propulsion, and materials – Glenn contributes new technical approaches, technical and technology solutions, testing, and other expertise to partnerships with external

¹ Presidential Memorandum: Accelerating Technology Transfer and Commercialization of Federal Research in Support of High-Growth Businesses, 10/28/11.

² "NASA Glenn: Overview of the Strategic Action Plan," <http://cip.grc.nasa.gov/>, May 2011.

NASA Glenn Research Center

External Partnership Sector Strategy Overview



organizations. Glenn technologies and subsystems have been used on the International Space Station and many unmanned spacecraft.



Commercial Aeronautics - Components and assembly relating to commercial aircraft.

From its origin in 1941, Glenn leads materials research, engine testing, engine design, engine acoustics, air safety, and icing research and testing. For example, the Air Force turned to Glenn for icing research to save dozens of planes and U.S. pilots that were being lost to ice accumulation. Our researchers and test facilities, including recent upgrades to the Icing Research Tunnel and the Propulsion Systems Laboratory, are second to none in the world.



Defense & Intelligence - Partner-centric sector encompassing Department of Defense agencies and other organizations; focus on critical military needs, including propulsion and propellants, materials, aeronautics, alternative energy sources, and unmanned aerial systems.

Glenn supports the Department of Defense in a number of efforts across the spectrum of warfighting including alternative energy sources and unmanned systems. Glenn research and development have made possible advanced air and space propulsion systems, improved all-weather flying and materials improvements of an almost infinite variety.



Advanced Energy - Production, refining, storage, transportation, and distribution of conventional, unconventional and renewable fuel and other mineral/metal resources.

Glenn's scientific, engineering and testing expertise in power systems, power storage, alternative fuels, smart grid, and harsh environments provide innovative solutions to meet the evolving needs of the energy sector. As an example, you can find Glenn technologies in wind turbines across the globe.



Advanced Materials - Composites, metallics, polymers, and coatings for use across the full spectrum of end-markets.

Developed for the extreme conditions of aircraft and spacecraft engines, the harsh environment materials developed at Glenn have been used by materials-related companies and organizations in Ohio, the Midwest and around the world.

The Center remains committed to collaborating with a wide variety of partners across all sectors, choosing a few to focus limited partnership development resources. The Center will also selectively collaborate with external partners in the automotive, civil telecom, healthcare, advanced manufacturing, maritime and undersea, public safety and security sectors, federal civilian, and universities/nonprofits where opportunities are aligned with Center capabilities. The Center will review the sector priorities annually.

Concluding Remarks

NASA Glenn Research Center has a decades-long history of successful collaboration with a large number of external partners. The Center is committed to enhancing and expanding partnerships in the future by leveraging our NASA missions and expertise.