



Machine-Readable Plans & Reports

Owen Ambur

Data Coalition CDO Forum

November 9, 2021

GPROA Modernization Act

SEC. 2. STRATEGIC PLANNING AMENDMENTS.

“§ 306. Agency strategic plans

“(a) Not later than the first Monday in February of any year following the year in which the term of the President commences under section 101 of title 3, the head of each agency shall make available on the public website of the agency a strategic plan

SEC. 10. FORMAT OF PERFORMANCE PLANS AND REPORTS.

(a) **SEARCHABLE, MACHINE-READABLE PLANS AND REPORTS.—** For fiscal year 2012 and each fiscal year thereafter, each agency required to produce strategic plans, performance plans, and performance updates in accordance with the amendments made by this Act shall—

(2) produce such plans and reports in searchable, machine-readable formats; and

Strategy Markup Language



- Machine-Readable Format for Strategic & Performance Plans & Reports
 - Core Elements:
 - Mission
 - Vision
 - Values
 - Goals
 - Objectives
 - Stakeholders (performers & beneficiaries)
 - Performance Indicators (inputs, processes, outputs & outcomes)
- International Voluntary Consensus Standard ([ISO 17469-1](#))

CDO Goals & Objectives

- 1: Data Management
- 2: Coordination
- 3: Data Assets
 - 3.1: Data Format Standardization
 - 3.2: Data Asset Sharing
 - 3.3: Data Asset Publication
- 4: Statistics
- 5: Open Data Inventory & Catalogue
 - 5.1: Openness by Default
 - 5.2: Data Inventory
 - 5.3: Data Catalogue
- 6: Best Practices
- 7: Data Usage
- 8: Performance Improvement
- 9: Evaluation
- 10: Accessibility
 - 10.1: Review
 - 10.2: Improvement
- 11: Evidence
 - 11.1: Evidence
 - 11.2: Cybersecurity
 - 11.3: Agency Operations
- 12: Points of Contact
- 13: Statistical Data Liaison
- 14: Regulations & Guidance

3. Data Assets

Manage data assets of the agency, including the standardization of data format, sharing of data assets, and publication of data assets in accordance with applicable law

3.1. Data Format Standardization

Standardize data formats

6. Best Practices

Ensure that, to the extent practicable, agency data conforms with data management best practices

8. Performance Improvement

Support the Performance Improvement Officer of the agency

Source: Foundations for Evidence-Based Policy Act, [Section 3520](#)
Rendered as a [model performance plan](#) in StratML Format

Agency Strategic Plans

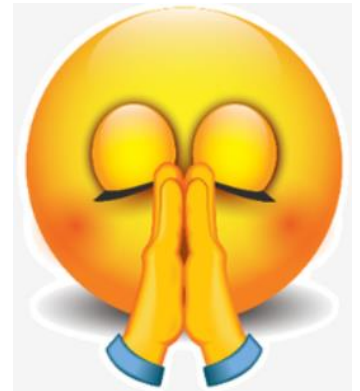
2018 Updates to Agency Plans -- Since Federal agencies again failed to comply with [section 10](#) of GPRAMA with respect to the updates to their strategic plans due in February, Owen Ambur has converted their plans to open, standard, machine-readable StratML format for them. (Note: DOD, DOE, DHS & DOJ also failed to update their plans by the deadline.)

1. Department of Agriculture ([USDA](#)) - [PDF](#) | [Edit this plan](#)
2. Department of Commerce ([DOC](#)) - [PDF](#) | [Edit this plan](#)
3. Department of Defense - 2015-2018 ([DOD](#)) | [Edit this plan](#)
4. Department of Education ([ED](#)) - [PDF](#) | [Edit this plan](#)
5. Department of Energy - 2014-2018 ([DOE](#)) | [Edit this plan](#)
6. Environmental Protection Agency ([EPA](#)) - [PDF](#) | [Edit this plan](#)
7. General Services Administration ([GSA](#)) - [PDF](#) | [Edit this plan](#)
8. Department of Health & Human Services ([HHS](#)) - [PDF](#) | [Edit this plan](#)
9. Department of Homeland Security - 2014-2018 ([DHS](#)) | [Edit this plan](#)
10. Department of Housing & Urban Development ([HUD](#)) - [PDF](#) | [Edit this plan](#)
11. Department of the Interior ([DOI](#)) - [PDF](#) | [Edit this plan](#)
12. Department of Justice ([DOJ](#)) - [PDF](#) | [Edit this plan](#)
13. Department of the Labor ([DOL](#)) - [PDF](#) | [Edit this plan](#)
14. National Aeronautics & Space Administration (NASA) - [With](#) & [Without](#) Strategies - [PDF](#) | [Edit this plan](#)
15. National Science Foundation ([NSF](#)) - [PDF](#) | [Edit this plan](#)
16. Office of Personnel Management ([OPM](#)) - [PDF](#) | [Edit this plan](#)
17. Small Business Administration ([SBA](#)) - [PDF](#) | [Edit this plan](#)
18. Social Security Administration ([SSA](#)) - [PDF](#) | [Edit this plan](#)
19. Department of State / U.S. Agency for International Development ([DOS/AID](#)) - [PDF](#) | [Edit this plan](#)
20. Department of the Transportation ([DOT](#)) - [PDF](#) | [Edit this plan](#)
21. Department of the Treasury ([TREAS](#)) - [PDF](#) | [Edit this plan](#)
22. Department of the Veterans Affairs ([VA](#)) - [PDF](#) | [Edit this plan](#)

February 2022 Updates

PLEASE

help agencies comply with section 10 of GPRAMA to save me from having to do it for them again



More Information

- https://en.wikipedia.org/wiki/Strategy_Markup_Language
- <http://stratml.us/>
- [ISO 17469-1](#), StratML Core
- https://en.wikipedia.org/wiki/Machine-readable_document
- Owen.Ambur@verizon.net

