

Title: Simplifying Sustainable Procurement

Office: General Services Administration, Office of Federal High-Performance Green Buildings

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Description of the Challenge:

Make it easier for purchasers to buy green products by filling out procurement forms automatically while shopping on the web.

The General Services Administration is tasked with putting our nation's public servants into efficient, healthy buildings and buying goods and services that provide maximum value to the taxpayer. We built the [Sustainable Facilities Tool](#) (SFTool) to inspire and prepare everyone to take action. The [Green Procurement Compilation](#) (GPC) within SFTool is a comprehensive green purchasing resource designed for federal contracting personnel and program managers. It helps users identify applicable green purchasing requirements by consolidating and organizing information from federal environmental programs in one place.

Our ask to the hackers would be to help procurement personnel determine whether a product meets federal or agency sustainability requirements.

Hopeful Outcome:

A browser extension or add-on (for Internet Explorer or Chrome) that allows users to determine whether the product they are viewing meets federal and agency sustainability requirements and pre-populates relevant procurement form.

Create a prototype or concept for design that will:

- Allow user to optionally select their preferred agency (limited to those on GPC)
- Give users ability to determine whether a product they are viewing (on Amazon, GSA Advantage, etc.) meets federal and, if applicable, agency sustainability requirements
- Automatically associate products with the relevant procurement forms
- On user request, pre-populate the relevant procurement form.
- Allow user to download pre-populated procurement forms
- If time allows, provide a way for an administrator to export information on all populated procurement forms created by users (e.g., total counts, product names, sustainability compliance information).

Skills Needed:

Coding/development experience, browser extension developer, government procurement SME

Data Sets Required:

- SFTool API: <https://sftool.gov/developers>
- SFTool Data: <https://sftool.gov/greenprocurement>