Prioritizing Federal Spend by Environmental Impact

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Overall methodology

Develop CEDA Fed Gov

Develop queryable fed spend data

CEDA FedGov

fed spend DB

Impact Dashboard

Structural Path Visualization

Opportunities for Improving the Environmental Profile of GSA Expenditures

Opportunity analysis
Collating and mapping expenditure data

- Federal expenditure data
  - $533 billion for FY 2011
  - 3.3 million line items
  - Over 800 million data fields
  - 5.8 Gigabytes of data

- Queryable spend database/Spend Analytics
  - Contract size distribution, histogram
  - Spend by vendor, size, ordering department

- NAICS-PSC mapping

Spend analytics
CEDA 4 Federal Government

• Comprehensive Environmental Data Archive (CEDA)
  • Quantitative supply-chain environmental impact database
  • First version released in 2000.
  • Professional quality, multiple peer-reviewed
  • Over 2,700 environmental exchange-compartment combinations
  • Cover various environmental impacts

• CEDA 4 Federal Government
  • Base year 2011
  • Specifically modified for analyzing federal government expenditures
Key results

- Summary view of federal spending
- Summary view of GSA spending
Thank you!

Contact us at the booth
or email info@iersweb.com

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