DRAFT COG SUSTAINABILITY REPORT

Baseline Edition

Amanda Campbell Environmental Planner

Climate, Energy and Environment Policy Committee May 23, 2018

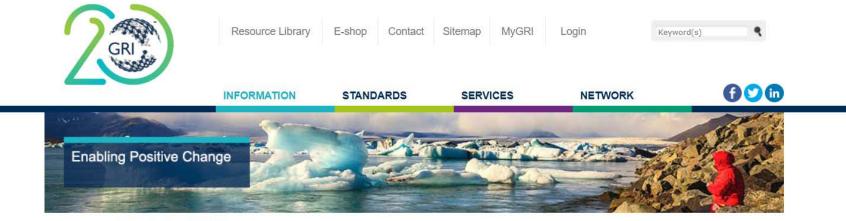


Sustainability Report Process

- CEEPC/BEEAC/ACPAC review report approach
- Data gathering and report development
 - COG employee sustainability survey
 - Next steps
- Present draft for CEEPC/BEEAC/ACPAC input
- Final Report
- Next steps to improve COG sustainability

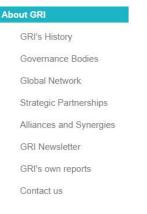


Approach – Global Reporting Initiative



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PIONEER OF SUSTAINABILITY REPORTING

contributions and rooted in the public interest.

ABOUT GRI

GRI helps businesses and governments worldwide understand and communicate their impact on

critical sustainability issues such as climate change, human rights, governance and social well-

being. This enables real action to create social, environmental and economic benefits for

everyone. The GRI Sustainability Reporting Standards are developed with true multi-stakeholder

GRI is an independent international organization that has pioneered sustainability reporting since 1997.

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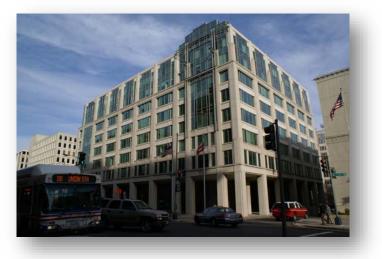
- Reporting Hub 🛛 🔉
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http://www.globalreporting.org

COG and the CPAS Building Profile

- COG is 1/3 owner of the Center for Public Administration and Services, Inc. (CPAS) building
- 30-year old building
- 262,314 gross ft²
- Energy supply: electricity
- COG: ~ 125 permanent staff + 10 to 30 contractors and interns





CPAS Achievements

- Green roof
 - Absorbs 12,000 gallons
 of rainfall per year
- Green Seal Certified Cleaning Service
- Recycles 300 lbs. per day
 - Water use decreased 38% 2015-2017
 - Electricity use decreased 22% 2015-2017





COG Achievements

- 80%+ of employees use alternative forms of travel to work
- Recycles all electronics (83 lbs. in FY16)
- Replaced servers with more energy efficient equipment
- Considers life cycle costs in fleet procurement
- Launched Community Supported Agriculture (CSA) benefit in 2017



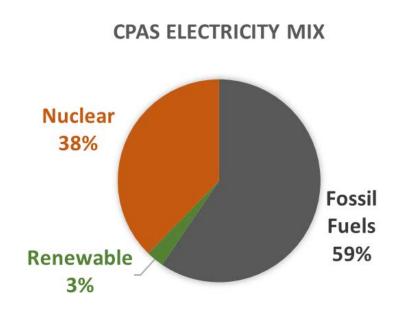




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CPAS Challenges and Opportunities

- Higher energy use intensity than average DC office building
- Produced 2,651 metric tons CO₂e greenhouse gas emissions from electricity use (2016)
- Produces ~ 1,200 lbs. of trash per day





COG Challenges and Opportunities

- 114,000 miles of fleet and reimbursed business travel via passenger vehicle or air (FY16)
- Incomplete data for example on business travel mileage and paper use
- Nearly 1/5 of commute miles are via single occupancy vehicles







COG Challenges and Opportunities

Next Steps?

- Form a Green Team
- Implement 'low hanging fruit' actions
- Foster employee and visitor engagement
- Address medium term opportunities
 - Meeting, printing, and purchasing guidelines
 - More sustainable business travel options
 - o Greening electricity purchases
- Explore deeper sustainability options
- Gather additional information and evaluate progress



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