

CLIMATE ENERGY AND ENVIRONMENT POLICY COMMITTEE (CEEPC) PROJECT UPDATES

Local Climate Planning Support

COG's Climate and Energy Team has been supporting the development of several local climate and energy related plans, including Fairfax County Climate Action Plan (CAP), Prince George's County CAP, Prince George's County Electric Vehicle Plan, Rockville CAP, City of Frederick CAP for government operations, and more. In addition to technical support from COG staff, COG has contracts with ICF and Cadmus which local jurisdictions can access to support their local climate mitigation, resilience, or sector-based planning efforts. Please contact [Jeff King](#) to answer questions or get you connected with support from staff or the consultants.

Greenhouse Gas Inventories

A couple weeks ago COG local jurisdiction members received their final local community-scale greenhouse gas (GHG) fact sheet, data summary, and contribution analysis showing major drivers of GHG change between 2005 - 2018. The regional fact sheet and data summary are posted to the CEEPC meeting documents [online](#). The next inventory year will be 2020 and we will begin data collection later this month. Due to a typical 1.5-year lag time in all data availability for inventories, the timeframe for completing the 2020 inventory is expected to be end of 2022.

In addition, COG and 6 local government members are participating in ICLEI's forest/trees GHG inventory learning cohort with communities from across the country. The group is leveraging ICLEI's new national protocol for forest/trees inventories and testing data sets and tools to calculate the net benefit of sequestration. The goal is to identify the best approach and incorporate results into the overall GHG inventory work. Please contact [Maia Davis](#) with any questions.

Diesel Repower Projects

EPA's National Clean Diesel Funding Assistance (DERA) Program strives to reduce diesel emissions, maximize job preservation and promote economic recovery through a variety of diesel emission reduction strategies. COG has partnered with more than a dozen equipment owners/operators and leveraged the DERA program to reduce emissions from diesel fleets in the Washington metropolitan region.

- The Spirit of Washington marine vessel repowering project has recently been completed and staff is closing out the project with final report for EPA. Previous marine vessel projects have included the Odyssey, the Spirit of Mount Vernon and two vessels owned by the Potomac River Company.
- COG continues to work with Amtrak on the MOU and RFP/Specs for the next locomotive engine repower project. This work has already repowered 5 locomotive engines operating at Union Station to clean diesel.
- Additional examples of past projections include non-road highway construction equipment operating in Prince William County and Pleasants Construction, operating across the region.

Please contact [Leah Boggs](#) with any questions.

TPB Climate Mitigation Study

Climate change is a top priority for the Transportation Planning Board (TPB). In response to this priority as well as interests and inquiries expressed late last year from TPB and CEEPC members and advocates, TPB staff is undertaking a Climate Change Mitigation Study to evaluate transportation strategies to reduce GHG emissions. Specific measures will be evaluated in 3 main buckets including mode shift and travel behavior (VMT and trip reduction), vehicle fuel and fuel economy (EV deployment), and operational efficiency (such as signal optimization). More information is in a TPB memo that is posted in your CEEPC meeting documents [online](#). COG expects to be able to share results of this work later this year. [Dusan Vuksan](#) is the contact for this project.

DC Sustainable Energy Utility (DCSEU) Workforce Development

The DCSEU works to connect District residents who are new to the workforce, between jobs, or looking for a career change with local contractors in the green economy. Through job skills development, on-the-job training and certifications, direct work experience with contractors, and job placement assistance, the DCSEU helps externs discover new careers in sustainability. COG regularly onboards DCSEU externs to provide mentorship, on the job experience in areas of their interest, and connect them with professionals in the field and opportunities beyond their externship. On Monday, January 25, 2021, COG welcomed [Camilla Cook](#) and [Sabreen Rash](#) to the Climate and Energy Team for the next 5 months. Please contact [Jeff King](#) for additional information.