Strategic Action Plan ➔ GHG Inventory

• Strategic Action Plan:
  • Set climate change emission baseline
  • Phase in low-carbon materials, fuels & practices
  • Monitor and adjust

• Reduce GHG from construction and maintenance operations
  • Fuels
  • Materials
Recommendations... *over 40 total*

- Maximize use of Supplementary Cementitious Materials (SCMs)
- Develop Environmental Product Declaration (EPD) program
- Support contractor and materials industry transitions
DEQ / OCAPA – Concrete EPD Program

- Voluntary incentive program from 2017-2020.
- $50k in direct reimbursements.
- 1,500 EPDs across 20 concrete plants.
- Plants eligible for up to $2,500 reimbursement or 75% of EPD verification costs, whichever is less.
- Companies limited to eight plants.

Oregon House Bill 4139 (2022)

- Requires ODOT to set-up a “program for GHG reductions”
- The agency to collect EPDs on asphalt, concrete and steel
- ODOT to devise strategies for reducing GHG emissions
- Allows for regional variability and prioritization of quality / performance
Identified Materials

- Concrete:
  - Ready Mix
  - Shotcrete
  - Precast Concrete
  - Concrete Masonry Units
- Asphalt Paving Mixtures
- Steel
Technical Advisory Committee

- Mandated to consist of ODOT, DEQ, Construction Industry and Construction Material Suppliers, Environmental Sector and Academics

- Assist ODOT with developing rules and procedures of the EPD Program

- Advise ODOT on report submitted to the OTC

Grant Program

- Required to establish grant program to help offset costs

- Criteria for eligibility to be developed by ODOT

- Request funding from legislature
Industry Opportunities

- Help give input to ODOT on EPD development or issues
- Participate in discussions with ODOT about program
- Participate in discussions that will inform EPD industry

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