

City of Seattle's GHG Inventory

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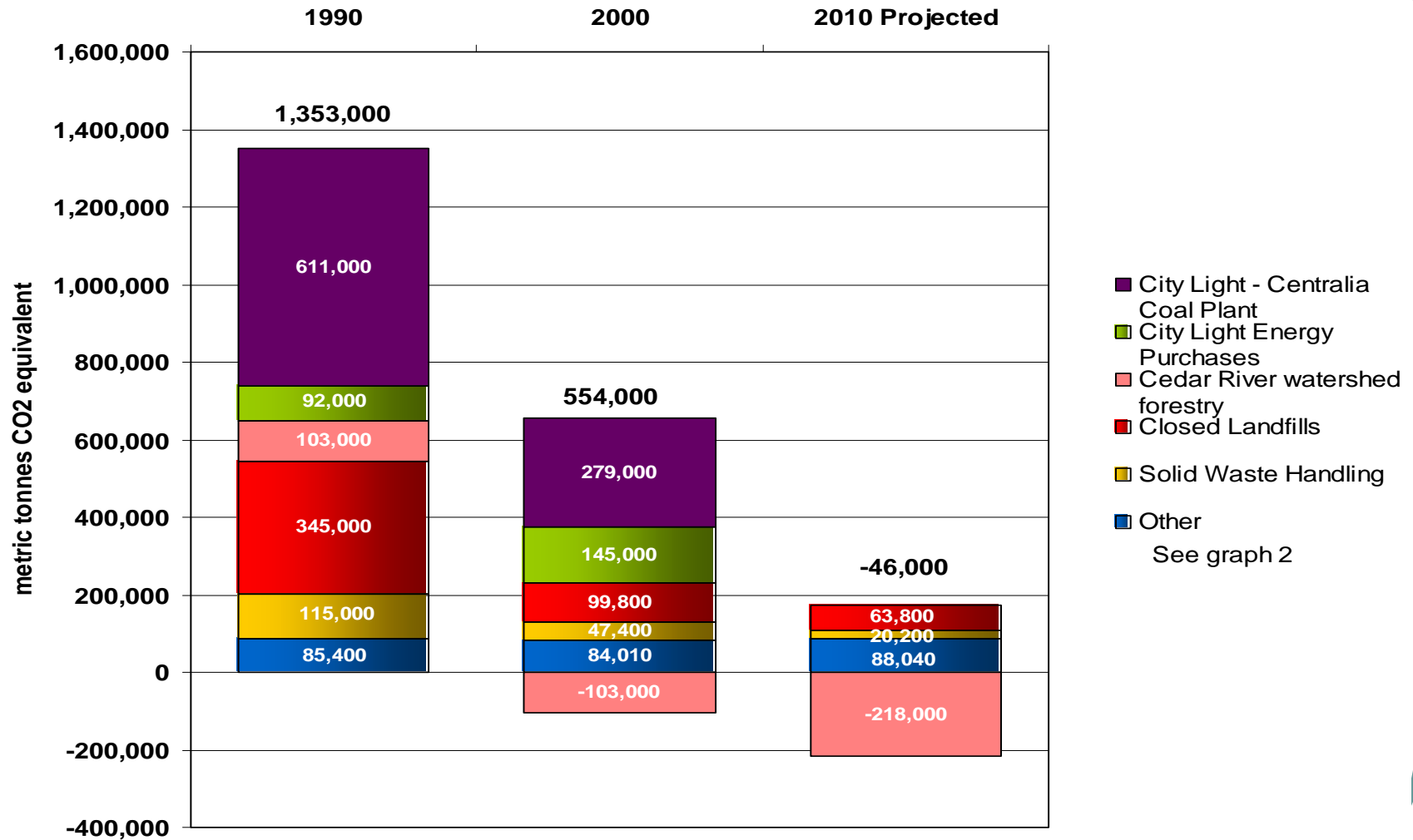
Office of Sustainability and
Environment

GHG Inventory: City and Utilities' Operations - What's included

Emissions produced, controlled or directly influenced by City government:

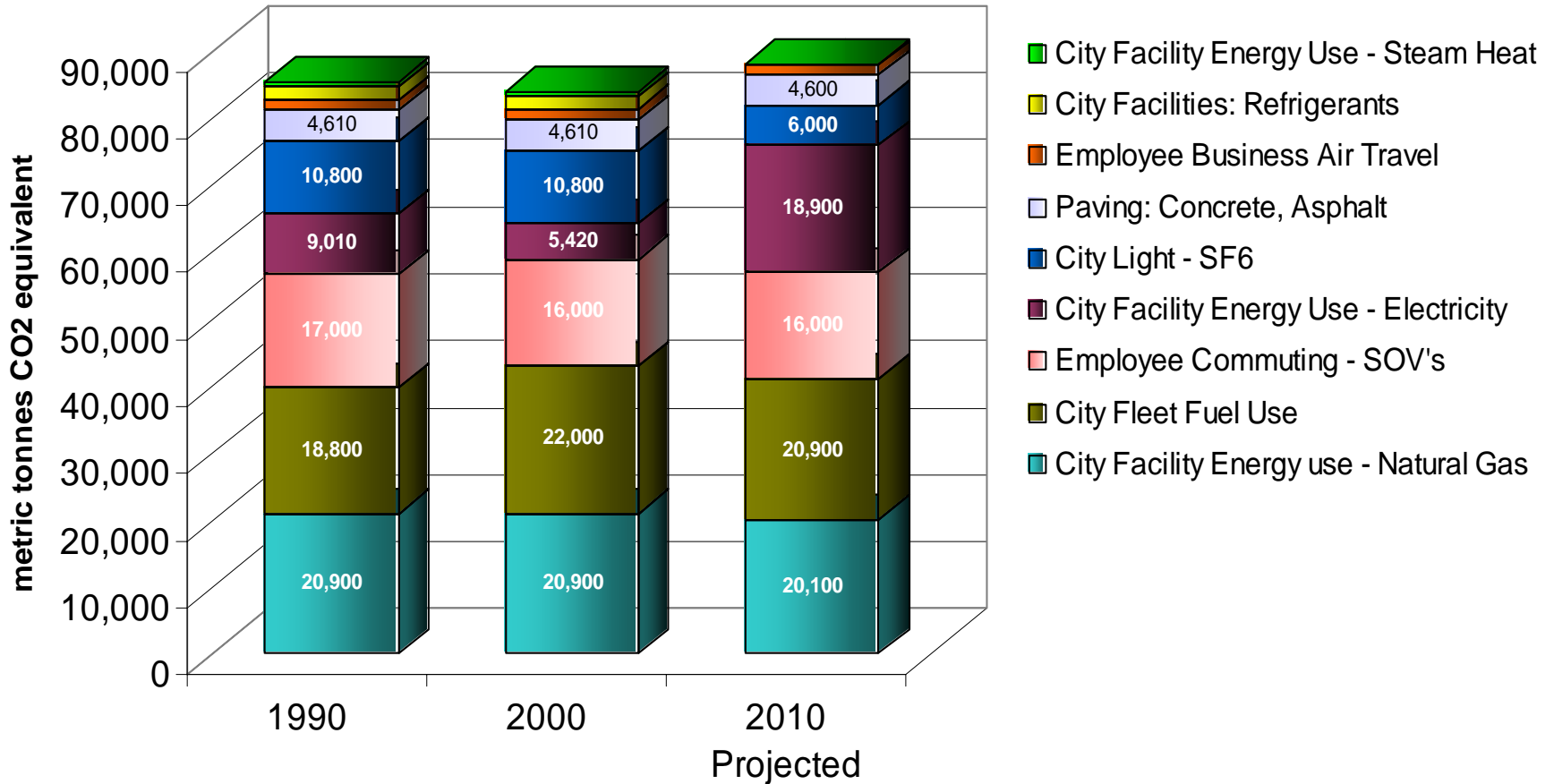
- *City Light: power purchases, operations & SF6*
- *City facility energy use - gas and steam*
- *Fleet fuel: gasoline, diesel, CNG*
- *Employee business air travel*
- *Paving - emissions associated w/asphalt & concrete*
- *Solid waste - historic landfills & transport*
- *Employee commuting*
- *Refrigerants (HVAC)*

Results



Graph 1: Major Sources of GHG Emissions from City Government and Utility Operations

The “other” category



Graph 2: Smaller Sources of GHG Emissions from City Government and Utility Operations

Highlights

- Divesting its interest in Centralia Coal Plant in 2000 reduced City emissions by ~25% and, in 2001, by 45%
- Aging of closed landfills reduced 2000 emissions by 18% and in 2010 by 28%
- Eliminating commercial logging in the Cedar River Watershed results in Seattle being a net carbon “sink”

Highlights, cont.

- Compared to 1990, in 2000, the city's recycling and energy conservation programs *avoided* 817,000 tonnes of CO₂

Implications?

What value does the inventory provide?

- What is the City's remaining obligation to reduce GHG emissions?
- Do the results overlap and/or double count the work of other entities?
- Have all the credits and obligations been captured?
- Has it influenced policy?