Carbon Footprint Calculator 2010

Results

seattle climate partnership

COMPANY FOOTPRINT: **315 metric tons of CO_2e** annually, or 3.9 metric tons of CO_2 per employee

FOOTPRINT DETAILS

Transportation

	Miles Traveled (Business Travel)	Miles Traveled (Commuting)	CO_2 (Metric Tons)
Company Fleet	22,206	-	5.5
Other Car & Truck	72,551	68,910	53.8
Airplane	653,686	-	127.5
Train	-	26,943	4.5
Bus	-	50,938	12.0
Ferry	-	14,406	14.6
Subtotal	*748,443*	*161,197*	*217.8*

Energy Use

	Quantity	Units	CO_2 (Metric Tons)
Natural gas	4,182	therms	22.2
Electricity	248,474	kWh	12.3
Steam	-	thousand lbs	-
Other fuels	-	gallons	-
Subtotal	*114,641*	*kBtus*	*34.5*

Materials and Services

	Quantity	Units	CO_2 (Metric Tons)
Paper	1,177	reams	6.8
Other materials/services			50.5
Subtotal			*57.4*

Waste Generation

	Quantity	Units	CO_2 (Metric Tons)
Disposed	12	tons	5.0
Subtotal	*12*	*tons*	*5.0*

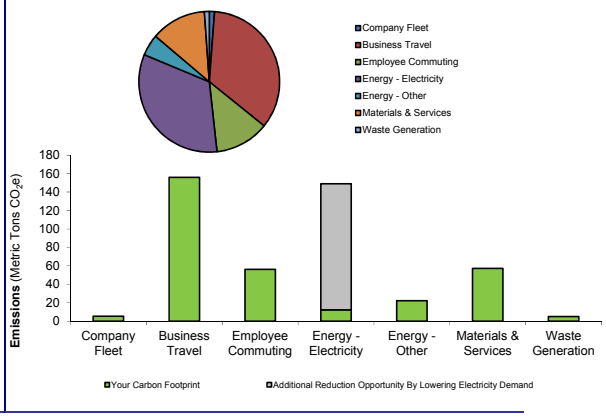
Company Footprint (Total of Above) **314.7**

EMISSIONS REDUCTION POTENTIAL*

Footprint and Reduction Potential

	Footprint (Metric Tons CO_2)	Reduction Potential* (Metric Tons CO_2)	Relative Reduction Potential (% of total)
Company Fleet	5.5	5.5	1%
Business Travel	156.1	156.1	35%
Employee Commuting	56.2	56.2	12%
Energy - Electricity	12.3	149.1	33%
Energy - Other	22.2	22.2	5%
Materials & Services	57.4	57.4	13%
Waste Generation	5.0	5.0	1%
Total	314.7	451.4	100%

Relative Reduction Potential



***Emission reduction potential** is the amount of greenhouse gas emissions that can be reduced through actions taken by your organization. Note that the reduction potential for electricity, materials, and waste may be higher than your footprint in these categories. For example, the electricity emission factor (multiplier) for an organization's reduction potential is typically higher than the one for its footprint because the impact of load reduction is to reduce the operation of a fossil-fuel-generating plant in the region, not to reduce supply from non-emitting hydropower. This issue is described in more detail below.

AVOIDED EMISSIONS

In addition to the activities listed above, which create emissions, some of the actions you have taken have resulted in reduced emissions. Without these actions, your footprint would be higher. Recycling, composting, and buying recycled paper are three activities that reduce your footprint. If you have taken other actions this year, you may list them on the right. Note that you will need to perform your own calculations to quantify these actions, although some quantification tools are provided on the *Actions* worksheet.

Waste Generation

	Quantity	Units	Emissions Reductions CO_2 (Metric Tons)
Recycled	11	tons	(11.1)
Composted	2	tons	(0.2)
Subtotal	*11*	*tons*	*(11.1)*

Recycled Paper

	Quantity	Units	Reductions CO_2
Recycled Paper	983	reams	(1.0)
Subtotal	*983*	*reams*	*(1.0)*

Other Actions

Describe Action(s)	Estimated Reductions (MTCO2)
1	
2	
3	
4	
5	
Subtotal	*0.0*

Total Emissions Avoided **(12.1)**