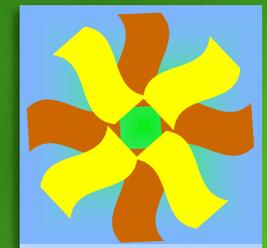


Mexico City Government Environmental Management System



Sistema de Administración Ambiental

To reduce environmental impacts related with the use of resources at Mexico City Government's (MCG's) buildings

Threat:

To reduce environmental impacts related with the use of resources at MCG

Does your government have an overall energy efficiency policy in place?

MCG created the Efficient Use of Energy Coordination, the Mexico City Climate Action Program and the Environmental Management System, the general objective is:

Propose to MCG dependences policies regarding energy, formulate, coordinate and evaluate programs that are implemented in this matter, coordinate the agreements related to the generation and efficient use of energy in the City.

Are there energy efficiency targets for the public sector?

PROGRAM	US COST \$	REDUCTION TARGET Ton CO _{2eq} /yr
Energy Efficiency in GDF Buildings	\$740,750	850
Public Lighting	\$23,208,955	54,033
Electric Transport System	\$3,656,716	9,085
Subway System	\$4,191,176	43,423
Renewable Energy Program	N/D	25,000
Sustainable Buildings	\$35,555,500	25,000
Sustainable Houses	\$62,132,352	2,871
TOTAL	\$129,485,449	160,262

Does your government have a policy in place to encourage or require public agencies to procure energy efficient (or “green”) products?

Yes, the EMS promotes the purchase of friendly environmental impact products, purchasing includes not only products consumers of electricity, but office supplies and water saving systems.

On June 14, 2011 were published the General Guidelines for the Procurement of Goods with Less Environmental Impact, which are mandatory for all MCG dependences

What obligations do public agencies have with respect to government purchasing of energy efficient products?

Public agencies must comply with the guidelines specified in green purchasing and they must inform the EMS which additional sustainable products added to their purchases.

At this time is difficult to report on the amounts invested in the purchase of sustainable products. Now the EMS is working in an information system designed to show the amounts invested in green procurement, product variety and quantity

What are the overall accomplishments or results of your program to date?

ENERGY SAVINGS						
Emission factor (MWh/ton CO ₂):						0.667
MCG PROGRAMS	ENERGY SAVINGS MWh/año					Total MWh
ACCIÓN	2008	2009	2010	2011	2012	(2008-2012)
RENEWABLE ENERGY PROGRAM						
ICyT Sustainable building		2.70	14.16	15.37	4.36	37
Photovoltaic cells in Capultepec Zoo		6	12	224		242
Public lighting system in San Juan Public Forest		280				280
Solar cells in Metro stations		274	370	430	131	1,205
		Subtotal				1,763
ENERGY EFFICIENT PROGRAM IN MCG BUILDINGS						
Energy savings in public lighting	2,670	1,809	127	8,185	992	13,783
Red lights with leds	2,714			79		2,794
Energy efficiency program in Metro stations		25,474	27,180	26,613	7,064	86,331
Electromecanical stairs modernization		1,468	3,300	3,300	825	8,893
Enegetically efficient trains in Metro service		61,622	63,029	76,763	20,003	221,417
Electric transport		212	127	135		474
Iztapalapa renovation of public lighting			4,699			4,699
		Subtotal				338,390
COMPRAS VERDES						
Green purchasing		6,462 Ton CO ₂ eq				-
TOTAL						340,153

¡ Thanks !

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