

WANEM NAO GRIN-HAUS GAS EMISEN ?

Toktok ia Grin-haus gas (GHG) emi grup blong olgeta gases we emi stap long atmosfea mo ol aktiviti blong ol man nao emi knotribiut long em. Olgeta difren gas wei emi blong kosem klopul worming wetem Klaemet jenis. Ol main GHGs ia emi kabon tioxide(CO₂), methane (CH₄) wetem nitros oxide (N₂O). Sam long ol narafala gas we emi no spred tumas be emi moa denja emi hydro fluorocarbons (HFCs) per fluorocarbon (PFCs) wetem sulfur hexafluoride (SF₆).



GHG emissions long ol pawa plan

<https://www.bbc.com/news/uk-scotland-44453764>

GHG EMISSIONS SEKTA LONG VANUATU

Long Vanuatu, yumi faenem aot se I gat trifala sekta wei emi stap kontribut bigwan long olgeta rapis gases ia I ko antap long atmosfea. Olgeta trifala sektas ia emi Eneji, Akrikalja mo Forestri, wetem ol nara kind land yus (AFOLU) wetem waste.

Method wei yumi usum blong kalkuletem emission blong ol rapis gas ia emi IPCC 2016 Guileline vesen 2.54; emi wan software we oli yusum blong estimatem ol emmisen long ol aktiviti data long fuel compasen (totel petroleum impoted), solit waste wetem siwej, wetem enteric fermentation wetem manure manajmen long laefstok.

FROM WANEM YUMI ESTIMETEM GHG EMISSIONS

Vanuatu emi hemi bin saenem UNFCCC, so emi gat wan oblikesen blong repot long level blong GHG emisen blong hem olsem wan kantri ova long inventri yia wetem ol initiatives mo aktiviti blong rediusum level blong GHG emissen (mitikesen aksen) blong kontribiut long ol goals blong kipim ol global tempereja ko daon long 2 dikris celses; mo wetem possibility se emi save ko down kasem 1.5 dikri celses.

Ol saentific stadi emi stap soem se GHG emissen emi wan long olgeta bigfala kontribiuta blong global woming wei emi lid iko long klaemet jenis.

DIPATMEN BLONG KLAEMET JENS

GAVAMEN BLONG VANUATU

OL SEKTA WEI OLI KONTRIBUT LONG GRINHAUS KAS EMISEN LONG VANUATU



Smok blo bus we I bon hemi kontribiut long emission



NATIONAL ADVISORY BOARD
on Climate Change and Disaster Risk Reduction
GOVERNMENT OF VANUATU

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DOCC

“Yumi wok tugeta blo kat wan resiliens Vanuatu”

ENEGI

Eneji sekta emi contributiut 20% long ol total GHG emisen lo Vanuatu. Ol emisens ia oli kam long fuel compasen o bonem ol fuel tru long electricity generation, transpotesen (Lan transpot, Domestik Afiasen wetem Wota-bon nafikesen), Manufakjaring indastri wetem konstraksen mo mein GHG kas nao long Eneji sekta emi Carbon Dioxide (CO₂).



Ol enegi sabsekta we oli kontribiut lo emissens

Eneji sekta emissen long 2017-2015; i soemaot se total GHG emisen long sekta ia emi **989.533 Gg CO₂e**

Wan simpol mo quick wei blong calculetem GHG emisen long enegi sekta emi:
1 tonne blong Fuel emi semak long 3 tonne blong CO₂. (1 Tonne fuel = 3 tonnes of CO₂); 3 multiply tonne blong Fuel blong save faenemaot emission blong em.

WASTE



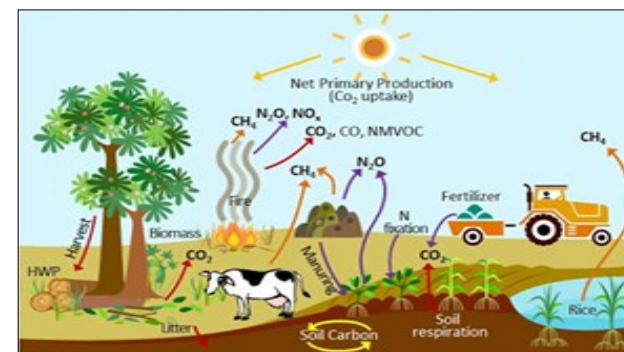
Ol waste long Etas rabis site

Waste sekta long Vanuatu emi contribut long wan total GHG emisen blong 299.517 Gg CO₂e; 78% blong ol total waste lemi kam long Munisipal solid waste and nara 22% emi waste wota. Waste emi contribute long 6% blong total emissen blong vanuatu. Emisen long sekta ia i smol be emi kosem save problem long envaeronmen.

Ol emisen sosos ia km from munisipol solid waste; mo oli calculetem se total waste blong wan man long wan dei emi 1.5kg espeseli long ol urban eria's wetem risen se emi gat ol ples blong sakem toti (Land Fills). Narawan emi waste Wota; oli estimetem se long wan dei, wan man emi yusum 130 lita blong wota. 60% blong 130lita ya emi waste wota. Mo main rapis gas long waste sekta emi Methane (CH₄) mo Nitrous Oxide (N₂O).



AFOLU



Total GHG emisen blong AFOLU sekta long Vanuatu emi **3715.567 Gg CO₂e** (excludum Removals). AFOLU EMI Contribut long abaot 74% long total GHG emisen long 2007 kasem 2015. Ol sab-katekoris wei oli estimetem emissen blong hem long AFOLU sekta emi: enterik fementesen wetem manure manejmen long laevstok (Buluk, Nani, Hos, Pik wetem faol). Enterik fementesen emi contribut long 69% long ol GHG emisen mo manure manejmen contributs 27% afta 4% blong maniaua wetem lan manejmen. Tabol ia emi some fores cover wei emi tekemap mo storem carbon mo long ol nara kes wei emi result blong removals.

	Annual increase in biomass carbon stocks due to biomass growth	Annual carbon loss due to biomass removals	Net Annual Carbon Uptake (+) or Release (-)	Convert to CO ₂ Annual Emission (-) or Removal (+)
	(tonnes C yr ⁻¹)	(tonnes C yr ⁻¹)	(tonnes C yr ⁻¹)	(Gg CO ₂)
2007-2009	2109800	194938.45	191486.55	(+) 7021.15
2010-2015	2109800	207884.95	190191.05	(+) 6973.68