

ExxonMobil

PNG LNG Environmental na
Sosel Ripot – **Yia 2018**





ExxonMobil

PNG LNG i wok olsem wanpela han kampani bilong ExxonMobil insait long ko-vensa wantaim:



Piksa long kava: [Operesen Teknisen, Ramona Terence, bilong namba tri intek \(2015\) long Operesen na Mentenes trening program Long LNG Plant](#)

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For the purposes of this Report, the currency conversion rate used, between Papua New Guinea Kina (PGK) and United States Dollars (US\$) is 0.3095 [PGK1 = US\$0.3095]. This rate is as published by the Bank of Papua New Guinea at 31 December 2018.



472 LNG kago i go long ol kastoma

≡ **89,080** trening aua

34,500 wokbung long 289 komyuniti

PGK 3 bilien⁺ spendim long Papua Niugini sevis

PGK 80 milien investim long ol komyuniti long 2018

CAUTION
HEIGHT CLEARANCE 7 M

Eksekutiv toktok

Papua Niugini i wok long muv hariap na i gro long kamap wanpela strongpela kantri. Em i wok long soim wol wanem samting ExxonMobil i bin save longpela taim nau – olsem em i wanpela gutpela ples bilong inves na kamapim bisnis.

ExxonMobil PNG Limited (EMPNG) i wanpela han bilong Exxon Mobil Corporation, na em i go pas long mekim wok bilong Papua Niugini Likwifait Netural Ges (PNG LNG) prodaksen fasiliti wantaim ol ko-vensera patna olsem: Oil Search Limited, Kumul Petroleum Holdings Limited, Santos Limited, JX Nippon Oil and Gas Exploration Corporation, Mineral Resources Development Company Limited, wantaim ol wanwok bilong ol.

Dispela Envairomental na Sosel Ripot i givim ol toktok bilong wanem samting i bin kamap long sosel na envairomen wok bilong EMPNG long 1 Janueri – 31 Desemba 2018.

Prodaksen

EMPNG i kamapim klostu long 7.4 milien ton Likwifait Netural Ges (LNG) na i bin salim 98 LNG kago long 2018. Dispela i bringim total prodaksen bilong EMPNG i kamap long 35 milien ton LNG na 472 LNG kago.

Ol prodaksen wok i bin bungim bikpela hevi long taim dispela 7.5 megnitud guria i bin kamap klostu long Hides Ges Kondisening Plent (HGCP) long 26 Februeri 2018. Bihain tasol long guria i bin kamap, Prodaksen tim bilong EMPNG i bin bihainim sefti rot long pasim HGCP prosesing fasiliti long sekap na stretim ol bagarap i bin kamap. LNG Plent tu i bin pas long taim ol i mekim ol wok bilong stretim ol bagarap i bin kamap long HGCP. Ol i stretim ol Prodaksen fasiliti na wok i stat gen eitpela wik bihain long guria i bin kamap. Dispela i bin lukim tu namba tu wom stat long histori bilong LNG Plent na namba wan taim bilong putim LNG i go long LNG Plent long kolim ol ki stores na loding sistem. Wok bilong statim gen LNG Plent i bin kamap seif na ol dispela wok em planti ol Papua Niugini tim bilong operesens na mentenens teknisen na ensinia i bin go pas long en.

Nupela prodaksen rekot i bin kamap long namba tu hap bilong yia bikos long taim wok i bin stop, mentenens wok i bin stretim gut ol masin samting na dispela i mekim ol wok i ron gut moa. Dispela i kamapim tu rekot prodaksen de bilong 9.2 milien ton per yia long 16 Ogas na rekot prodaksen mun bilong 9.0 milien ton per yia long Septemba long LNG Plent.

| Piksa long hapsait: LNG Plent



| Wanpela LNG sip i kam wet long LNG Plent Marin Teminal

Sefti na helt

EMPNG i bin gat gutpela yia long sefti taim prodaksen i bin stat wantaim mak bilong 0.11 Total Recordable Incident Rate bilong yia. Na tu, i no bin gat Lost Time Incidents i bin kamap long 2018, maski i bin gat planti salens long ol wok bihain long guria. LNG Plant i bin winim luksave bilong Papua New Guinea Chamber of Mines and Petroleum long namba wan Semba Awot long 13 milien aua bilong wok insait long faipela yia, na i no gat Lost Time Incident i bin kamap.

Na tu, em i namba faiv yia nau long Saplai Sen na Wehausing tim bilong EMPNG, i winim Prokumen Global Saplai Sen Gol Sta Awot bilong ExxonMobil long nambawan sefti wok bilong en.

Long 2018, Medesin na Okupesanel Helt tim bilong EMPNG i bin kisim luksave bilong ExxonMobil Global Helt na Sefti Awot long kontribusen bilong ol awenes wok ol i bin mekim long mental helt long ples bilong wok.

Envairomen

EMPNG i pablisim namba wan buk tru i givim ol baiodaivesiti infomesen bilong Hela na Sauten Hailans provins long Apstrim eria. Dispela buk, *Biodiversity Assessment of the PNG LNG Upstream Project Area* i gat ol long tem hai baiodaivesiti data sets bilong Papua Niugini ol i bin kisim long wanpela stadi long 2015 long Apstrim eria, na ol arapela wok i kamap long baiodaivesiti sevei. Ol i bin rekotim klostu long 579 enimal na ol plent spisis long ol dispela sevei. Ol i bin painim tu planti spisis we ol saintis i no bin save long en bipo.



| Sikau bilong diwai, Doria's tree kangaroo (*Dendrolagus dorianus*)

Baiodaivesiti tim bilong EMPNG i bin serim risal bilong dispela baiodaivesiti sevei wok long Papua Niugini wantaim ol arapela lain long bung bilong Sosaiti ov Petroleum Ensinia Intenesenel Konprens na Eksibisen long Helt, Sefti, Sekiuriti, Envairomen na Sosel Risponsibiliti. Dispela Konprens i bin kamap long Abu Dhabi, United Arab Emirates long Epril 2018. Presentesen bilong EMPNG i bin kisim luksave bilong ol ogenaia bilong dispela Konprens, olsem 'wanpela pepa i gat spesel intres long en.'

Samting olsem 225 pipel i makim ol konsevesen lain long Papua Niugini i bin stap insait long ol Komyuniketing Konsevesen woksop long 2018.

Long mun Ogas, i bin gat wanpela miting wantaim 300 pipel bilong ol komyuniti na ol komyuniti lida bilong 10-pela viles long hap bilong lowa Kikori Riva. Na tu, moa long 1000 pipel bilong nainpela viles i bin stap insait long wok bilong risos meping long dispela Baiodaivesiti Ofset Program.

Ol namba wan lain husat i kisim skolasip bilong Masters in Conservation Science i statim stadi bilong ol long 2018.

Moa long 20 wokmanmeri bilong EMPNG i bin stap insait long wanpela bikpela na hatpela spil rispons trening eksasais i karamapim Lea Lea na Papa viles, long 2018. Long dispela eksasais, ol i bin yusim strongplea gumi bot (Rigid Inflatable Boat) namba wan taim tru long riva na long solwara envairomen. Ol i yusim tu wanpela solain koleksen bum (shoreline collection boom) long Kahiru Beach long Papa Viles, na wanpela Eksklusen Bum (Exclusion Boom) long Lea Lea Riva long Lea Lea Viles.

Long 2018, EMPNG i skelim foapela ol ted pati weist kontrakta long Lae na tripela long Pot Mosbi. Ol i givim tok orait long foapela bilong ol dispela sevenpela kampani long prosesim prodaksen weist. Ol dispela kampani husat i kisim tok orait i mekim wok bilong risaikel long ol skrep metal na ol ristriket weist olsem ol olupela bateri. Long 2018, operesenel weist bilong Apstrim eria i bin abrusim mak bilong 2017. Dispela mak i bin surik i go antap bikos long ol weist i bin kamap long taim bilong guria.

I bin gat ripot bilong 18 envairomental non-konfomens we i bin abrusim mak bilong operating kraiteria bilong LNG Plent long 2018, na narapela 13 moa gen long Apstrim eria. Planti bilong ol dispela non-konfomens i kamap bikos long kwaliti bilong wara. Ol i wok long sekap na menesim wara tritmen sistem long lukim olsem olgeta samting i bihainim stret mak bilong ol operesen.

EMPNG i makim New Guinea Binatang Research Centre long sekap na lukluk gen long wid monitering metod bilong kampani na mekim ol fil sevei long Apstrim eria long paipain Right of Way. Dispela nupela monitering metod, bai lukim ol fil tim i wokabout 100-mita transek long lukim wanem kain ol wid spisis i stap long paipain Right of Way. Ol infomesen ol i bungim long dispela nupela wei bai helpim long skruim save long infomesen ol i bin kisim bipo, na bai helpim ol long save long wanem kain ol wid spisis i stap long hap we lekmak bilong PNG LNG i stap long en.

Wokfos developmen

Long pinis bilong 2018, ol 3236 wokmanmeri na kontrakta i bin wok long prodaksen wantaim EMPNG. Moa long 2770 bilong ol em ol sitisen bilong Papua Niugini, dispela i makim 86 pesen bilong wokfos.

Ol 48 nupela Papua Niugini wokmanmeri i bin stat wok long 2018 long eria bilong operesens,mentenens, ensinia, teknikel, human risos, prokumen, infomesen teknoloji, lo na sefti, helt na envairomen.

Sevenpela Papua Niugini wokmanmeri i bin kisim promosen na kamap ol supavaisa na menesa long dispela yia.

Long 2011 kam inap nau, moa long 160 Papua Niugini wokmanmeri i bin go ovasis long wok aninit long Operesens na Mentenens trening program, Early Career Greduet intarchange program o long ol arapela intenesenel wok.

Ol 11-pela nupela yunivesiti greduet i bin kisim wok wantaim EMPNG long 2018. Ol i bin kisim digri bilong ol long sivil, maining, ielektrikal na industrial ensinia.

Insait long 2018, ol ensinia bilong EMPNG i bin gat sans long developim skil bilong ol long ol ovasis trening. Insait long ol dispela ol ovasis trening; ol i lukim ol lain i rausim wanpela ges tebain ensin long Massa, Italy; materials na korosen trening long Houston, United States; rijinol rispons trening long Hong Kong; na proses kontrols trening long Houston, Kuala Lumpur na Brisbane.

Bihain long ol namba wan intek long 2010, moa long 200 sitisen bilong Papua Niugini i bin kisim wok aninit long Operesens na Trening Program bilong EMPNG. Ol 16 Operesens na Mentenens treni bilong namba foa intek husat i bin joinim program long Ogas 2016, i bin pinisim trening bilong ol long Desemba 2017 na ol i stat wok olsem ol Junia Teknisen long HGCP na LNG Plent long Janueri 2018. Dispela i bin namba wan intek we EMPNG i bin sponsa long ol i go kisim trening long Kumul Petroleum Academy long Pot Mosbi na i no long ol arapela trening fasilit bilong EMPNG. Ol i makim 29 treni nau long kamap namba faiv intek bilong dispela trening program. Trening bilong ol i bin stat long Kumul Petroleum Academy long Janueri 2019.

Long mun Jun, Kontrol Rum Teknisen, Noah Pingin, i bin kamap namba wan treni bilong Operesens na Mentenens trening program long kisim promosen olsem supavaisa, na kisim ples bilong wanpela ovasis wokman. Long pinis bilong Desemba, 16 long 22 Kontrol Rum Teknisen posisen wantaim tripela posisen bilong Mentenens Skedula em ol Papua Niugini sitisen i kisim, na ol meri i holim eitpela bilong ol dispela posisen.

Long 2018, moa long 89,000 aua bilong trening, i bin go long skulim moa long 9600 pipel insait long ol 2400 kos. Nainti tu pesen bilong ol trening aua i bin go long skulim ol sitisen bilong Papua Niugini.

Sapotim ol Papua Niugini bisinis

Foapela Papua Niugini bisinis i bin kisim luksave long kontribusen bilong ol long dijital inovesen long nambawan taim Enterprise Centre i bin givim Maikro, Smol na Midium Entaprais Dijital Inovesen Awot long mun Septemba.

Enterprise Centre i bin glasim samting olsem 100 kampani bilong Pot Mosbi, Lae na Madang long wei ol i save yusim inovativ dijital teknologi long bisnis bilong ol. Dispela foapela bisinis i bin win bikos ol i bin developim eplikesen o ol i yusim dijital teknologi pletfom long bisnis operesen bilong ol.

Long 2018, EMPNG i bin givim wok long 16 lendona kampani (Lanco) na 250 non-Lanco Papua Niugini bisinis long mekim ol prodaksen wok. Dispela namba i winim bilong yia 2017 we i bin gat 12-pela Lanco na 200 non-Lanco bisinis. Namba i bin go antap long 2018 bikos long nid bilong guds na sevis bilong Asia Pacific Economic Cooperation (APEC) bung na ol wok i kamap long taim bilong guria.

Long 2018, EMPNG i bin spendim mani long ol Papua Niugini bisinis insait long kantri, long mak bilong moa long PGK567.3 milien (US\$175.6 milien), we long 2017 em i bin spendim PGK477.5 milien (US\$138.5 milien). Na long dispela mani, klostu olsem PGK184.3 milien (US\$57 milien) em i bin spendiim long ol sevis bilong ol Lanco, we long 2017 em i bin spendim PGK129.3 milien (US\$40 milien) long sevis bilong ol Lanco.

Long taim prodaksen i bin stat i kam inap nau, EMPNG i bin spendim moa long PGK3 bilien (US\$928.5 milien) long ol Papua Niugini sevis we PGK866.5 milien (US\$268.2 milien) em ol i spendim long ol Lanco.



| Operesens Integriti Manesmen Sistem Teknisen, Wesley Spinder (Ilephan) na Fil Operesens Teknisen, Petrus Paul, long HGCP

Sosel developmen

Long 2018, EMPNG i bin spendim PGK80 milien (US\$24.8 milien) long ol komyuniti invesmen program olsem edukesen, helt, komyuniti infrastraksa na ol envairomen projek. Em i givim PGK324,730 (US\$100,500) i go long Port Moresby Nature Park long ol projek bilong olsem pik-nus trausel (*Carettochelys insculpta*) 'Head Start' konsevesen program, wanpela nupela program 'Plumes of Paradise' haus bilong ol pisin we ol i bin opim long mun Oktoba na ol skul ekskesen program we samting olsem 20,000 sumatin save kam long en.



EMPNG Senia Fil Suprintenden, Jazz Peters, i ritim buk long ol sumatin bilong Porebada Elementri Skul long taim bilong Nesenel Literesi Wik

EMPNG i wokbung wantaim Australian National University Enterprise, long kamapim komyuniti laivilihud impruvmen projek long tripela yia moa. Dispela komyuniti laivilihud impruvmen projek i save skulim ol pipel long ol sid na pasin bilong planim ol sid, lukautim ol kaikai i gro long gaden, lukautim ol kakaruk na kaikai na helt haijin. Em i helpim ol komyuniti long kamapim gut sindaun bilong ol long wei bilong wan wan haus o grup i kisim mani long ol liklik bisnis. Ol i bin givim aut samting olsem 500,000 stik na sid bilong ol kaikai, 490 kilogram sid bilong kon i save gro hariap na 5000 ol gaden tul i go long helpim ol pipel i stretim bek sindaun bilong ol bihain long guria i bin kamap. Moa long 3500 haus lain long ol komyuniti long paipain Right of Way long Benaria na Hides i bin kisim ol dispela samting. Long taim dispela Ripot i bin wok long pablis, Para Praimeri Skul i op gen long Apstrim eria bihain long EMPNG i bin helpim long stretim gen ol bagarap guria i bin kamapim.

Wokbung namel long EMPNG na Lanco Laba Holdings Limited i lukim tripela moa nupela klasrum i kamap bilong ol 180 Boera Elementri Skul sumatin.

Ol dispela klasrum i stap long wanpela nupela haus we i gat tu opis spes bilong ol tisa. Dispela klasrum projek i kamap long wokbung wantaim Gas Resources PNG LNG Limited, tras kampani bilong Mineral Resources Development Company, husat i save givimaut ol royalti na ekwiti mani bilong ol lendona komyuniti long ol viles long LNG Plent sait.

EMPNG wantaim Pacific Sports Media Marketing, i bin sapotim ol aktiviti bilong Nesenel Literesi Wik long ol skul long Papa na Lea Lea, Boera na Porebada viles na i go bungim Intenesenel Literesi De long 8 Septemba.

Advancing PNG: Women Leaders Network i bin hostim fes wimens empawamen wokshop bilong em long mun Septemba wantaim 19 meri we ol i gat bikpela luksave insait lo komyuniti bilong ol olsem ol strongpela lida meri. Het tok bilong dispela wokshop em 'pesonal na profesenel lidasip'. Ol lain i kamap long dispela wokshop i kisim infomesen bilong lidasip, na ol i kisim save tu long promotim strongpela institusen sistem, manesmen prektis na ol program. EMPNG i bin sapotim dispela wokshop i bin kamap long wankain taim olsem APEC Women and the Economy Forum.

EMPNG i bin givim PGK161,550 (US\$50,000) long helpim Pacifika Women Network Trade Centre, husat i kamapim ples we ol bisnis meri long olgeta hap bilong Pasifik i ken gat sans long wok bisnis. Dispela Network i opim wanpela tred senta long Pot Mosbi long mun Julai na planti ol meri long ol bikpela na liklik bisnis i bin askim dispela senta long helpim ol. Dispela tred senta i gat 45 stol nau. Mani EMPNG givim bai helpim ol long kamapim 110 moa stol na sanapim wanpela maket ausait. Dispela bai givim moa sans long ol bisnis meri long bung na strongim tred long rijon.



EMPNG Saiens Embeseda, Nathaniel Tuba, i soim ol sumatin bilong Port Moresby International skul long kain kain ston long taim bilong toktok long ol ston na jioloji

Moa long 600 sumatin bilong nainpela skul i bin stap insait long ExxonMobil Saiens Embeseda Program long 2018.

Wanpela nupela eneji topik ol i bin statim wantaim Kokoda Track Foundation i bin skulim ol sumatin long oil, ges, win, haidro na sola eneji. Long dispela sesen ol sumatin i bin gat sans long wokim ol sola lait long klasrum.

Long wokbung bilong em wantaim Texas Children's Hospital na Baylor College of Medicine, EMPNG i wok long givim sapot yet long kamapim gut helt bilong ol mama na pikinini long Papua Niugini. Long taim dispela wokbung i bin stat long 2014, ol dokta bilong Texas Children's Hospital i bin givim moa long 1200 aua long skulim ol Papua Niugini helt kea wokmanmeri na moa long 870 andagreduet na 105 posgreduet sumatin i bin kisim speselis skul long sik bilong ol pikinini.



| Ol lain bilong APEC Voices of the Future i lukluk raun long LNG Plant

Ol dokta bilong Texas Children's Hospital i bin tritim tu samting olsem 3000 pikinini long sik malnutrisen long Papua Niugini. Olsem 470 EMPNG wokmanmeri i bin mekim volantia wok long 1870 aua long ol 18 Papua Niugini ogenaísesen long 2018.

Wanpela grup bilong ol EMPNG volantia i bin stap wantaim samting olsem 2000 pipel husat i joinim namba wan wokabaut bilong Bel isi PNG Eliminésen ov Vailens Egens ol Meri long Novemba. As bilong dispela wokabaut em long bungim mani bilong ol seif haus i save helpim ol meri na famili bilong ol long taim ol i bungim vailens.

Wokbung wantaim ol stekholda na komyuniti

Ol i tokaut long wanpela pablik praivet patnasip long developim wanpela bikpela komesel egrikalsa bisnis long Hela Provins. EMPNG i givim sapot long dispela projek we Innovative Agro Industry bai go pas long en na bai wok bung wantaim Mineral Resource Development Company; Hela Provinsal Gavman; na Tari-Pori, Koroba-Kopiago na Komo Margarima lokal level gavman long kamapim dispela projek.

Bai dispela wokbung i givim trening na helpim ol smol-holda fama long groim ol stokfid wantaim ol kaikai. Dispela projek inap long bungim samting olsem 5000 smol-holda fama long Hela Provins long faipela yia i kam na long bihain taim tu. Bai em i opim ol narapela rot tu bilong kisim mani na kirapim tingting bilong developim moa liklik bisnis insait long Hela Provins. Wok i kamap nau long stretim fisabiliti stadi. Dispela stadi bai glasim graun na wanem kain kaikai inap gro gut long graun, disainim wanpela fama trening program, kamapim trening senta na stretim olgeta straksa bilong dispela komesel vensa.

EMPNG i wok long bung na toktok wantaim moa long 34,500 ol stekholda long ol 289 komyuniti, na holim klostu long 9300 fomal bung na moa long 25,000 infomal bung, long taim bilong prodaksen kam inap nau.

Long 2018, ol 4885 wokbung i bin kamap long 213 komyuniti, we 2309 em ol fomal bung na 2576 infomal bung. Samting olsem 46,900 pipel i bin kamap long ol dispela bung.

Long ol Apstrim eria, ol wokbung i bin kamap long disasta rilif bihain long guria i bin kamap. Dispela wok i karamapim wok bilong givim klinpela wara bilong dring, givim ol kandis long ol lokal komyuniti na givim egrikalsa sapot tu.

Long ol viles long LNG Plant sait, ol wokbung i bin karamapim komyuniti developmen sapot program, marin sefti na ol infrastraksa projek long ol skul.

Long namba wan taim tru, LNG Plant i bin mekim wok bilong toktok long 1100 sumatin bilong Australia-Pacific Training Coalition long Pot Mosbi. Ol i bin go raun long bigin bilong Septemba we i bin gat eitpela grup bilong 145 sumatin wantaim ol tisa bilong ol. Ol sumatin i skul long kapentri, kuk, hospitaliti, diesel fitting, ilektrikel fitting, na masineri, lait vihekel mekaniks na metal febrikesen. Ol i wokim dispela raun bikos kos bilong ol i go wantaim ol wok i save kamap long LNG Plant.

EMPNG i bin kisim tu 70 APEC yut i makim 21 kantri na i bin stap insait long planti ol bung bilong APEC olsem Women and the Economy Forum na CEO Summit.

EMPNG i go insait nau long 2019 na bai em i strongim yet sefti na bai wokbung yet wantaim Gavman, ol bisnis na ol komyuniti long Papua Niugini.

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