



PNG LNG Environmentel na Sosel Ripot – Yia 2016

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





Ekseketiv toktok

“Long taim yumi skelim ol wok mak EMPNG i winim long yia i go pinis, em i impoten tu long tingim ol stekholda patnasip husat i helpim long mekim yumi i winim ol dispela mak.”

Andrew Barry, Manesing Dairekta, ExxonMobil PNG Limited

ExxonMobil Papua New Guinea (EMPNG) i bin kamapim moa long 19 milien ton Likwifait Nuturel Ges (LNG) long seif wei na i bin salim pinis 264 LNG kago long taim prodaksen i bin stat. Na long dispela, em i kamapim 7.9 milien ton LNG na salim 108 kago long 2016, we i antap moa long 14 pesen mak em ol i bin putim long orijinal disain bilong 6.9 milien ton long wanpela yia.

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

Dispela Enuel – Sosel na Envairomental Ripot i givim ol toktok bilong wanem samting i kamap long sosel na envairomental komitmen bilong EMPNG long 1 Janueri – 31 Desemba 2016.

Prodaksen

EMPNG i winim tupela bikpela mak long 2016 we em i bin selebretim sip i lodim namba 200 LNG kago long mun Jun, na long taim ol i lodim namba wan kago i go long namba tu nupela sip, *Kumul*, em ol i wokim long karim PNG LNG.

Long 24 Februeri, Praim Minista bilong Papua Niugini, Onarebel Peter O'Neill, i opim tu nupela opis bilong EMPNG long Pot Mosbi.

Sefti na helt

EMPNG i pinisim wanpela yia we i no gat wanpela Lost Time Incident i bin kamap na i holim yet rekot bilong zero Lost Time Incident long taim prodaksen i bin stat, we i brukim rekot bilong 1295 de.



Namba tu nupela sip, *Kumul*, em ol i wokim long karim PNG LNG, i wok long lodim namba wan kago bilong en

Wantaim strongpela sefti rekot bilong en, EMPNG i soim tu pasin bilong go pas long kamapim ol komyuniti helt progreem na dispela i winim luksave bilong tupela global indastri asosiesen.

IPIECA, dispela global oil na ges indastri asosiesen bilong envairomental na sosel isu i bin putim stori bilong EMPNG Komyuniti Helt Impek Manesmen Progreem olsem eksampel bilong gutpela prektis long indastri, long *Health impact assessment* gaid. Na komyuniti helt patnasip bilong EMPNG i bin kisim luksave long wanpela bung bilong Society of Petroleum Engineers International Conference and Exhibition on Health, Safety, Security, Environment and Social Responsibility. Dispela konpres i bin kamap long kantri Norway long Epril 2016.

Long 2016, EMPNG wantaim PNG Tribal Foundation i helpim ol lokal haus sik wantaim donesen bilong ol medikol ikwipmen na ol saplai.

Long mun Novemba, foapela siping kontena wantaim ol medikol saplai i bin kamap, we ol i donetim tupela i go long Pot Mosbi Jeneral Hospital na narapela tupela i bin go long Angau Memorial Hospital.

264

LNG kago i go long ol kastoma

Long hapsait:

Lowa Kikori Delta,
Galp Provins

Ol i bin givim namba faiv kontena wantaim ol medikol saplai i go long Daru Hospital long Desemba. Ol dispela kontena donesen i bin kam long Yunaitet Stets wantaim helpim bilong Project C.U.R.E.

I bin gat wanpela faiv-de woksop i bin kamap long Tari long mun Julai long givim trening long ol lokal helt kea wokman na meri long tritim bikipela sik malnutrisen long ol pikinini. Nesenel Dipatmen bilong Helt wantaim University of Papua New Guinea School of Medicine i bin go pas long dispela woksop we 20 helt woka long Tari Hospital wantaim ol arapela helt senta long Hela Provins i bin kisim trening. Mani bilong ranim dispela woksop i bin kam long UNICEF wantaim patnasip bilong EMPNG na Texas Children's Hospital na Baylor College of Medicine.

Long 2014 inap nau, dispela program i bin helpim samting olsem 2000 pikinini long kisim marasin bilong sik malnutrisen. Ol dokta bilong Texas Children's Hospital i wok long supavaisim 19 risets program long sik bilong ol pikinini na pablik helt long Papua Niugini.

Long makim Wol Tubekulosis De long 24 Mas, EMPNG i bin kamapim aweanes bilong sik tubekulosis, na i bin givim fri test na privensen program long ol wokmanmeri na lokal komyuniti. Ol i bin mekim tu ol aweanes bilong tubekulosis long ol lokal skul.

Envairomen

Long 2016 EMPNG i bin winim wanpela bikipela envairomental mak, long taim ol i bin pinisim rivaits Baiodaivesiti Strateji, wanpela sapoting Baiodaivesiti Implementesen na Monitoring Program, na foapela baiodaivesiti protokol. Ol dispela rivisen i karamapim ol samting ol i lainim long taim ol i bin statim Baiodaivesiti Strateji, kisim tingting bilong ol stekholda, na ol risal bilong ol baiodaivesiti sevei i bin kamap olsem hap bilong Baiodaivesiti Implementesen na Monitoring Program.

Ol baiodaivesiti wok bilong EMPNG long 2016 i bin karamapim tu ol wok bilong baiodaivesiti ofset program. Long mun Mas na Septemba, i bin gat ol woksop bilong 125 konsevesen risetsa na ol lain i mekim wok bilong konsevesen long lukluk long ol kain samting olsem, baiodaivesiti na konsevesen risets, best praktis na konsevesen patnasip long Papua Niugini.

Long Epril, Novemba na Desemba, EMPNG Baiodaivesiti tim i bin go long sevenpela viles long hap bilong Lowa Kikori Delta long mekim wok bilong komyuniti risos yus meping, o olsem wanem ol komyuniti i save yusim ol risos bilong ol. Ol i givimaut infomesen long baiodaivesiti ofset program na skulim ol pipel long luksave long ol

spises bilong narapela hap i kam kisim ples bilong ol samting i save stap bipo.

Komyuniti risos yus meping i ken helpim ol komyuniti memba long luksave long ol impoten risos eria, na pasim tok long wanem ol samting bai kamap long dispela eria, na kamapim ol rot bilong protektim ol risos bilong ol. Ol komyuniti i amamas long stap insait long dispela baiodaivesiti ofset program.

Long 2016, ol i developim ol nupela program bilong Postgraduate Diploma na Masters in Conservation Management digri, we i lukluk long baiodaivesiti konsevesen. Ol dispela kos bai stat long 2017 long wanpela wok bung wantaim Mama Graun Conservation Trust Fund na University of Papua Niugini. Masters digri skolasip tu bai i stat long 2017.

Wanpela fres wara ikoloji program i glasim helt bilong ol liklik enimal i stap long ol wara klostu long ol fasiliti long Apstrim eria.

Long mun Septemba, ol i bin mekim gen wanpela wok bilong glasim ol samting i stap olsem wanem bihain long ol konstraksen wok i kamap, na ol i painim olsem riva sistem i kamap orait gen bihain long ol sot-tem impek ol konstraksen wok bilong PNG LNG fasiliti i bin kamapim. Ol i lukim bikipela senis moa we ol samting i kamap gut gen long Akara Krik, daunstrim long Hides Gas Conditioning Plant (HGCP).

Long dispela hap, ol i lukim olsem ol kain kain liklik enimal bilong wara i kamap gut gen, na i no bagarap olsem sevei bilong bipo i bin tok bai kamap bihain long konstraksen wok.



Dispela plent em bilong lain *Psychotria* em ol i painim namba wan taim tru long taim ol i wokim baiodaivesiti sevei. Ol plawa bilong en i bikipela moa long ol narapela. Dispela nupela spises i save stap tasol long wanpela hap long Hides Ridge

Ol i glasim win, we ol i yusim emisen data ol i bin bungim namel long Jun 2015 na Jun 2016 long ol PNG LNG fasiliti, na i pinisim dispela wok long namba tu hap bilong yia. Dispela post konstraksen modeling i soim gen olsem i no gat of-sait impek long nomal operating emisen olsem ol i bin putim long PNG LNG Envairomen Impek Stetmen.

Wokfos developmen

Moa long 2500 wokmanmeri bilong EMPNG na ol kontrakta, i bin mekim ol wok long prodaksen eria long 2016. Moa long 2000 bilong ol em ol Papua Niugini sitisen, husat i kamapim 82 pesen bilong wokfos.

Long taim bilong kisim ol wokmanmeri, EMPNG i save givim praioriti i go long ol wokmanmeri bilong ol ples we ol fasiliti bilong EMPNG i stap. Long total namba bilong ol Papua Niugini wokmanmeri, 37 pesen i kisim wok long ol wokples i stap long lokal eria bilong ol. Narapela 36 pesen i kisim wok long ol rijonal eria we kampani i mekim wok. Ol arapela Papua Niugini wokmanmeri em ol i kisim long ol arapela hap long kantri.

Long 2016, samting olsem 96,800 aua i bin go long givim trening bilong ol 2180 kos. Nainti-faiv pesen bilong ol trening aua i bin go long ol Papua Niugini sitisen.



Gerard Schulze, namba wan Prodaksen Ensina bilong EMPNG long Hides

Teti-nain Operesens na Mentenens Treni i bin pinism Edvans Skils trening, em hap bilong Operesens na Mentenens trening progremlong LNG Plent na HGCP long mun Desemba. Dispela lain em ol namba wan grup bilong Operesens na Mentenens treni long pinisim Edvans Skils trening long Papua Niugini. Bipo ol i bin save givim dispela kain trening long ol prodaksen fasiliti i stap long Canada na Malaysia long ol namba wan na namba tu lain treni.

EMPNG i fandim ol skolasip we i gat tupela grup bilong 16 treni i go skul long Kumul Petroleum Academy long Pot Mosbi. Bipo dispela hap i bin Pot Mosbi Construction Training Facility, tasol EMPNG i bin givim i go long Gavman bilong Papua Niugini long 2014. Namba wan lain husat i kisim dispela skolasip i statim 15-mun trening progremlong ol long mun Ogas.

Long pinis bilong 2016, nainpela weist wara tritmen plent opereta i pinisim profesenel akreditesen long HGCP.



Kwalimu Hiri na Micah Aluy i winim skolasip bilong Kumul Petroleum Academy, i lainim long wok long ol flange long Academy long Pot Mosbi

Ol dispela opereta i bin namba wan lain long Papua Niugini long kisim dispela kain akreditesen, em olgeta hap bilong Australia i luksave long en.

Groim ol Papua Niugini bisnis

EMPNG i save yusim ol sevis bilong nainpela lenona kampani (ol Lanco) na samting olsem 150 Papua Niugini bisnis bilong ol lain husat i no-Lanco, long ol narapela wok i kamap long taim bilong prodaksen. Ol Lanco kampani i save givim ol sevis olsem, leba haia, mentenens wok, transpot, fiuel distribusen, karim ol kontena, na saplain ol vestebel.

Ol Papua Niugini bisnis husat i no-Lanco i givim kain sevis olsem wok sekiuriti, freit na lojistik, transpotesen bilong ol woklain, kaikai saplai, kastoms kliarens, sevei, mentenens saplai, medikol sevis, na testim ol konstraksen meteriel.

Long 2016 EMPNG i bin spendim moa long PGK337 milien (US\$106 milien) insait long kantri long baim ol ted pati sevis. Moa long PGK150 milien (US\$47 milien) em ol i spendim long ol Lanco sevis.

Long taim prodaksen i stat, EMPNG i spendim moa long PGK1.2 bilien (US\$378 milien) long ol Papua Niugini sevis. Dispela i karamapim tu klostu PGK514 milien (US\$162 milien) ol i spendim long ol Lanco.

Long Mas 2016, EMPNG wantaim Papua New Guinea Institute of Banking and Business Management i tokaut long surukim narapela 12-pela mun moa i go long dispela longpela wokbung patnasip bilong ol long Enterprise Centre. Dispela Centre i save helpim long divelopim save na skil bilong ol Papua Niugini bisnis.

Long Oktoba, Enterprise Centre i bin go pas long wanpela Lokal Saplaia Engesmen forum wantaim moa long 200 papa bilong ol lokal bisnis.

82%

bilong prodaksen wokfos i bilong Papua Niugini

96,800

aua i go long trening

Astingting bilong dispela foram em long skulim ol papa bilong bisnis long ol kain samting olsem gavanens na lidasip; sefti; helt na envairomen; komplaiens; na bisnis etiks.

I bin gat samting olsem 6000 trening de i bin kamap long Enterprise Centre long 2016, we EMPNG na ol arapela ogenaisesen i bin sapotim.

Sosel developmen

Komyuniti laivlihud impruvmen projek bilong EMPNG, ol i bin opim long Ogas 2015, i wok long helpim long developim sindaun bilong ol komyuniti grup long Apstrim eria.

Ol i disainim dispela projek long skulim na kirapim tinging bilong ol komyuniti grup long kamapim gutpela sindaun bilong ol yet, na tu, long kamapim mani bilong famili bilong ol yet na grup tu long taim ol i kirapim ol liklik bisnis.

Long pinis bilong mun Desemba, dispela projek i sapotim 17 grup bilong ol meri we ol i lainim pasin bilong stretim graun, planim ol kaikai na pasin bilong lukautim ol kakaruk. I kam inap nau, moa long 500 meri na 130 man i bin kisim save long dispela program na ol i lainim long givimaut ol samting bilong planim na ol sid, na stretpela rot bilong lukautim graun, lukautim gut ol samting ol i planim, givimaut ol kakaruk, kaikai ol gutpela kaikai, na kisim gutpela skul long helt na haijin.

Egrikalsa Laivlihud Projek i bin stat long 2013 long helpim ol komyuniti i stap long LNG Plent sait. Dispela projek i bilong helpim ol i save long ol gutpela kaikai na egrikalsa program, i wok long sapotim ol lokal fama wantaim trening long egrikalsa na ol meteriel long helpim ol i painim mani bilong famili na komyuniti tu. Long 2016, ol 107 famili long LNG Plent komyuniti i bin kisim trening long egrikalsa, na narapela 80 fama i kisim ol gutpela sapot toktok. Moa long 4400 wan on wan sapot toktok na sesen i bin kamap long dispela yia.

Long mun Ogas, EMPNG i givim ol nupela haus bilong ol tisa long Papa Elementari Skul, na Porebada, Boera na Lea Lea praimer skul i stap long ol komyuniti long LNG Plent. Wantaim ol haus bilong ol tisa, EMPNG i sapotim tu PNG Teacher Excellence Awards, ol i bin tokaut long en long 2016 na i bihainim program bilong Prime Minister's Excellence Awards.

Long Novemba, EMPNG i bin pinisim konstraksen bilong nupela klinik haus na haus bilong wokman long Para Klinik long Hela Provins. EMPNG i wokbung wantaim Hides Special Purposes Authority Inc. na lokal Lanco, Hides Gas Development Company Limited, na investim

PGK1 milien (US\$315,000) long ol nupela infrastraksa long kamapim gutpela helt kea bilong ol lokal komyuniti.



Long Iephan, Raymond Jones, ExxonMobil Prodaksen Kampani Rijonal Vais Presiden, Esia Pasifik Rijon, Lemson Mabiria, Siaman bilong Hides Special Purpose Authority Inc. na Andrew Barry, EMPNG Manesing Dairekta long taim bilong henova long Para Klinik

Moa long 1200 studen bilong 18 skul i bin stap insait long ExxonMobil Science Ambassador Program long 2016. Fifti-faiv wokmanmeri bilong EMPNG i givim 45 sesen bilong dispela Program long eitpela skul long Hides, foapela skul long ol komyuniti long LNG Plent sait, na sikispela skul long Pot Mosbi. Long namba wan taim, dispela Program i bin go tu long Gerehu na Carr Memorial na Coronation praimer skul long Pot Mosbi.



Ol studen bilong Mananda Praimeri Skul long Hides i stap insait long Science Ambassador Program

EMPNG i bin sponsarim nainpela Papua Niugini meri long go long Centre for Development and Population Activities Global Women in Management (GWIM) Program i bin kamap long Jakarta, Indonesia long 18 Epril inap 13 Me 2016. Ol i stap namel nau long ol 62 Papua Niugini meri em EMPNG i bin sapotim long GWIM program stat long 2006.



Ol EMPNG volandia i helpim Buk bilong Pikinini long taim bilong Nesenel Buk Wik

Long 2016, dispela GWIM program i selebretim 10-pela yia aniveseri long Papua Niugini. Long mun Mas, namba wan enuel jenerel miting bilong Advancing PNG: Women Leaders Network Inc. i bin kamap long Pot Mosbi. Ol i kirapim dispela netwok long lusave long ol meri husat i bin stap long GWIM program bai gohet yet long sapotim wan wan bilong ol yet na serim ol aidia bilong kamapim gutpela senis long Papua Niugini.

Foti meri long Porebada, Boera, Papa, na Lea Lea viles i pinisim fainensel literesi trening em Nationwide Micro Bank (MiBank) i bin gipim wantaim sapot bilong EMPNG. Dispela trening i helpim ol meri long save gut long pasin bilong wokim, manesim na investim gut mani. Ol dispela meri bai bringim dispela nupela save bilong fainensel literesi i go bek long wan wan komyuniti bilong ol.

Long 2016, EMPNG wantaim Australia Gavman i tokaut long ol skolasip bilong Australia Awards Pacific Scholarships program. Dispela Australia Awards – PNG LNG Scholarships program bai sapotim ol studen husat i stap long ol rurel eria long ol provins we ol operesen bilong EMPNG i stap. I gat sevenpela studen i stap nau long dispela Skolasip program.

EMPNG i givim tu PGK350,000 (US\$110,250) *Pidu o 'dolphin na dugong'* risets skolasip long helpim tripela postgraduet studen long risets bilong ol long protektim ol spesel snubfin dolphin (*Orcaella heinsohni*). Long ol Pasifik Ailan, dispela spises i save stap tasol long Kikori River Delta na i mekim em i wanpela spesel spises bilong Papua Niugini.

EMPNG i komitim narapela PGK282,000 (US\$89,100) i go long Pot Mosbi Nature Park long ol edukesen program na *Piku* Projek. Dispela kontribusen em i hap bilong sponsasip bilong EMPNG i go long Park, stat long 2013 i kam inap nau. Dispela i helpim Park long kamapim gut

skul ekskesen program bilong en. Klostu 60,000 studen i bin stap insait long dispela program.

EMPNG i kontribut tu long ol ektiviti bilong makim Wol Wail Laip De long Nature Park long Mas 2016 we moa long 2000 pipel i bin kamap. I kam inap nau, total kontribusen bilong EMPNG long Pot Mosbi Nature Park i winim moa long PGK2.3 milien (US\$724,500).

Moa long 1400 volandia aua em moa long 360 wokmanmeri bilong EMPNG i bin givim long mekim ol volandia wok bilong 17 ektiviti long 2016.

Wokbung wantaim ol stekholda na komyunit

EMPNG i bin mekim 1795 fomal engesmen long 136 komyuniti na 9269 infomal engesmen long 176 komyuniti, long 2016. Moa long 41,000 pipel i bin kamap long ol dispela bung.

Long 2016, EMPNG i statim komyuniti lukluk raun long HGCP wantaim wanpela grup bilong 11-pela meri na sikispela man bilong Belopa Komyuniti Grup. Ol i bin namba wan lain long go lukluk raun na painim aut wanem kain samting i save kamap long Hides operesen. Hap bilong dispela raun i kisim ol i go lukim Hides medikol klinik na harim ol aweanes toktok bilong helt long sik kensa bilong susu. Long pinis bilong 2016, foapela komyuniti grup i bin pinisim lukluk raun i go long HGCP sait.

Long LNG Plent sait, ol praimeri skul studen bilong Boera na Porebada i bin stap namel long eitpela skul na komyuniti grup husat i bin go lukluk raun long ol fasiliti long LNG Plent long 2016.

Ol dispela lukluk raun long ol sait bilong EMPNG i bilong helpim ol komyuniti i klia gut long laip bilong ol wokmanmeri long LNG Plent na long HGCP. I no ol komyuniti grup tasol i bin go lukluk raun, ol i larim ol studen, sios grup, yut grup na ol wimens grup tu.

Long pinis bilong 2016, moa long 250 bikman na meri i bin stap insait long edvokesi program bilong EMPNG na lukuk raun long ol sait na fasiliti.

“Nau EMPNG i stap long prodaksen operesen, mipela i gohet yet long wok wantaim ol komyuniti, gavman na ol arapela stekholda long winim mak bilong kamapim gutpela sosel, envairomental na ikononik opotuniti bilong Papua Niugini.”



Andrew Barry
Manesing Dairekta,
ExxonMobil PNG Limited

41,000+
pipel i bin kamap
long komyuniti
engesmen

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Eneji Bilong Wol. Luksave Bilong Papua Niugini.*