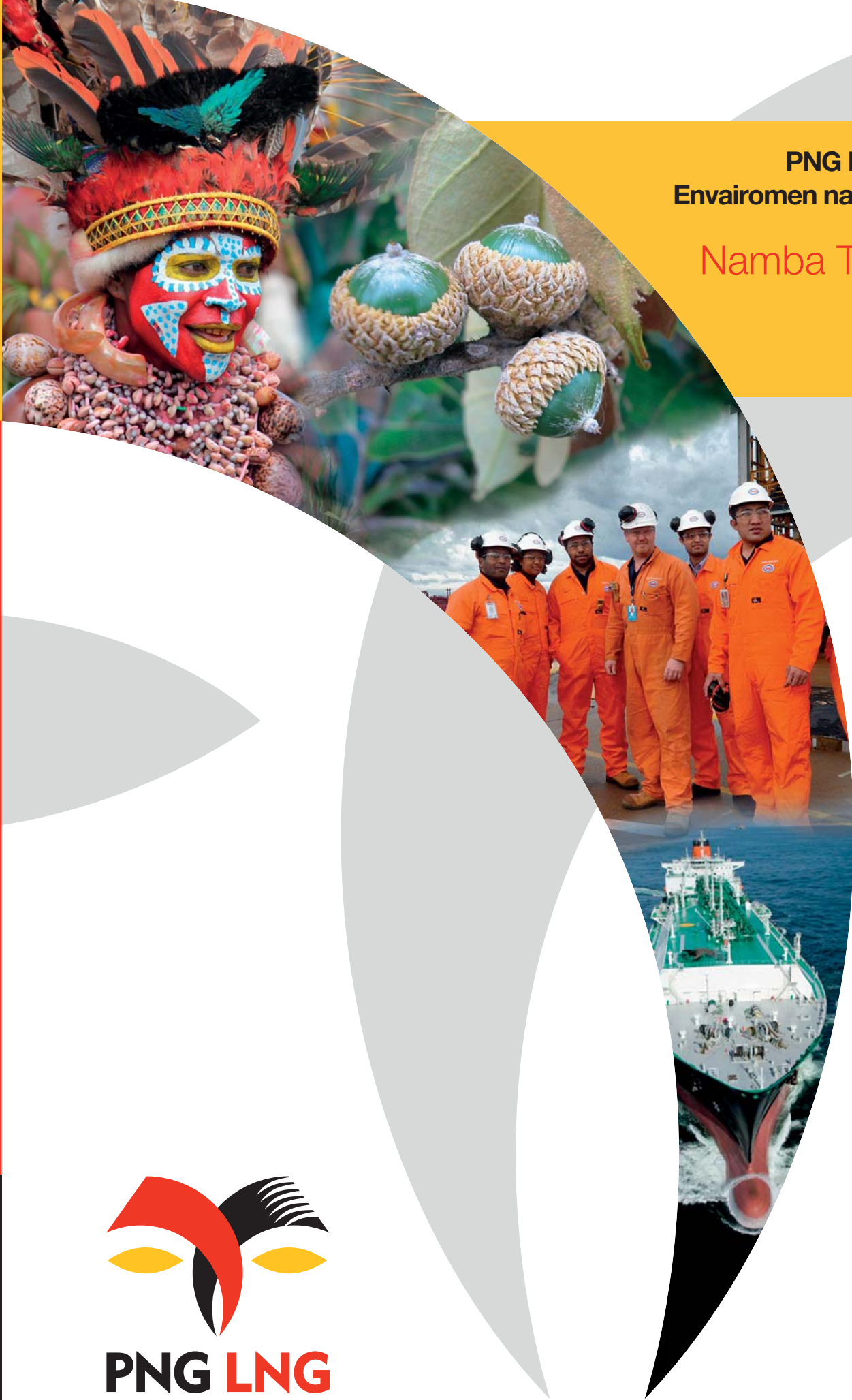


**PNG LNG Kwatali
Envairomen na Sosel Ripot**

Namba Tu Kwata

2013



PNG LNG

*Energy for the World. Opportunity for Papua New Guinea.
Eneji Bilong Wol. Luksave Bilong Papua Niugini.*



WOKBUNG LONG KAMAPIM OL WOK BILONG ENVAIROMEN

“Projek i amamas long wok wantaim ol Papua Niugini komyuniti, ol saplaia na planti gavman na non-gavman stekholda bilong mipela long kirapim ol progrem we bai kamapim gutpela wok bilong envairomen.”

- Decie Autin, Projek Eksekutiv, Esso Highlands Limited



Dispela Papua Niugini Likwifait Neturel Ges (PNG LNG) Projek (Projek) i mekim planti wok moa nau wantaim ol stekholda bilong en, olsem ol lokal saplaia, long ol progrem we inap long kamapim gutpela wok bilong envairomen. Eksampel, LNG Plent sait inap long mekim moa wok bilong risaikel long wanem ol i kisim namba tu Papua Niugini kampani husat i gat laisens long mekim wok bilong bungim na risaikel ol skrep metal.

Dispela em i namba fotin PNG LNG Kwatali Envairomen na Sosel Ripot we mipela i toksave long wanem samting i kamap long envairomen, konstraksen, sefti, helt, sekiuriti na sosel eria bilong Projek. Esso Highlands Limited, wanpela han bilong Exxon Mobil Corporation, i go pas long Projek long mekim wok bilong konstraksen na operesen na i developim dispela Projek wantaim ol ko-vensera olsem: Oil Search Limited, National Petroleum Company of PNG (Kroton) Limited, Santos Limited, JX Nippon Oil and Gas Exploration Corporation, Mineral Resources Development Company Limited na Petromin PNG Holdings Limited, wantaim ol wanwok bilong ol.

Wok bilong envairomen

Pasin bilong ol kontrakta long lukautim na rausim gut ol pipia i wok long kamap gut nau insait long ol Projek sait. Dispela samting i kamap bikos ol i serim eksperiens bilong ol na tu, ol i bihainim nupela pasin bilong yusim gen ol pipia na risaikel, olsem dispela peten Ecoflex system. Em i save brukim ol olpela taia i go liklik long putim long rot, na banisim ples we graun i bruk na ol i yusim long sanapim riteining wol. I tru olsem Projek i laik yusim gen ol samting, o risaikel na katim daun namba bilong ol pipia, tasol sampela pipia em ol i no inap yusim gen. Long ol dispela kain pipia, Hides Weist Manesmen Fasiliti i mekim bikpela wok tru long stretim ol pipia we i no gat narapela rot bilong risaikel gen. Ol i olim dispela kain pipia ol non-risaiklabel weist. Long dispela kwata, Projek i stat long kisim ol non-risaiklabel weist long ples we ol bin bungim i stap, na salim i go long Hides Fasiliti long rausim. I kam inap nau, ol i bin salim 75 ton bilong ol dispela kain pipia i go long dispela Fasiliti.



Hides Weist Manesmen Fasiliti em bikpela ples bilong rausim ol pipia

Strongpela tingting bilong Projek long lukautim ol enimal bilong bus na wara na ol diwai tu, em i as bilong wanpela miting namel long ol stekholda long dispela kwata we ol i bin bung long glasim na stretim gut ol kain kain diwai na enimal bilong bus na wara (Baiodaivesiti) Strateji. Dispela miting i bungim ol mauslain bilong Projek, Gavman bilong Papua Niugini na University of Papua New Guinea, wantaim ol arapela stekolda, long toktok long olsem wanem baiodaivesiti ofset progrem bilong Projek i wok long gohet. Dispela bung i bin las fomel miting Projek i kamapim aninit long developmen bilong Baiodaivesiti Ofset Deliveri Plen. Projek i stretim ol las wok nau long dispela Plen.

Long abrusim ol bikpela bagarap ol konstraksen wok inap kamapim long Homa Ridge, long dispela kwata, Projek i bin yusim wanpela narakain rot bilong putim paipain, ol i kolim dispela teleferik paipain instelesen. Long dispela rot, ol i taitim ol metal rop i go antap tru na rop i karim ol paip i go antap long maunten. Ol i save yusim teleferik instelesen long ol ples nogut long maunten na we ol ka i no inap go long en. Dispela kain rot i save daunim ol bagarap Projek i ken kamapim bikos bai gat liklik Right of Way (ROW) tasol long wanem i no gat planti konstraksen ka bai inap ran i go long dispela hap.

Long ol eria we wok bilong Projek i bin bagarapim ol bus, i gat wanpela progrem i kamap nau long planim gen ol diwai na stretim gen ples o reinstetmen. Long taim ol wok i pinis long Komo Ples Balus, kontrakta i mekim wok nau long stretim gen ples we ol bagarap i bin kamap. Ol dispela wok bilong stretim bek graun i karamapim pinis 29 hekta long pinis bilong dispela kwata. Na tu, ol i bin stretim pinis 192 kilomita long onso paipain ROW.

Konstraksen

Bikpela samting i kamap long taim ol wok bilong drilim namba wan prodaksen wel i bin pinis. Narapela bikpela samting gen em wok i stat nau long weldim ol paipain long Hides ges gedering system o ples bilong bungim ges.

Ki konstraksen i stap long Tebol 1.

Tebol 1 – Ol kontrak na bikpela wok konstraksen

Kontrak	Kontrakta	Ol bikpela wok long namba tu kwata 2013
LNG Plent na Marin Fasilitis (EPC3)	Chiyoda and JGC Joint Venture	Komisin wok i kamap long Tren 1. Numetik testing i pinis long tupela LNG tenk. Namba wan wara i kamap long pemanen disalinesen yunit bilong LNG Plent sait.
Hides Ges Kondisening Plent na Hides Welpeds (EPC4)	CBI and Clough Joint Venture	Pinisim konstraksen bilong olgeta storej tenk. Kisim na putim ol bikpela sais ikwipmen kago i kam long Komo ples balus.
Onso Paipain (EPC5A)	SpieCapag	Pinisim moa long 320 kilomita meinlain welding, 231 kilomita paipain haidrotesting na 192 kilomita bilong ROW reinstetmen. Statim wok bilong stringing na welding long paipain bilong bungim ges long Hides.
Komo Ples Balus (EPC5B)	McConnell Dowell and Consolidated Contractor Group Joint Venture	Ol balus i yusim ples balus nau. Wok bilong pinisim olgeta konstraksen wok i kamap nau.
Asosietet Ges Developmen	Kain kain	Wok bilong opim namba tu triethylene glycol yunit long Kutubu Sentral Prosesing Fasiliti i pinis. Statim wok bilong opim nupela triethylene glycol yunit long Gobe Prodaksen Fasiliti.
Driling	Nabors Drilling International Limited	Pinisim driling wok long namba wan bilong ol eitpela prodaksen wel.
Pemanen Fasilitis Kompaun	Leighton (PNG) Limited	Ol wok i kamap nau long redi long sanapim ol pemanen kompaun opis na ol arapela sevis fasiliti.



Wok bilong drilim wel long namba wan bilong ol eitpela prodaksen wel i pinis long Welped B

Namba wan prodaksen wel i pinis

Sefti, helt na sekiuriti

LNG Plent sait i brukim rekot long winim 48 milien aua bilong wok namel long namba wan kwata bilong 2012 na namba tu kwata 2013 we i no gat wanpela Lost Time Incident i bin kamap. As bilong dispela gutpela rekot em bikos long Incident and Injury-Free® (IIF®) progrem, we i bin winim bikpela mak tu long taim namba 13,000 woka i bin greduet long dispela kwata. Dispela IIF® progrem i bin stat long namba wan kwata bilong 2012 long givim skul long ol woka na supavaisa long luksave gut long olsem wanem pasin na ol samting ol yet i mekim o ol arapela i mekim, inap long bagarapim sefti long ples wok.

Narapela sefti rekot i bin kamap long dispela kwata long taim namba 1,300 woka i bin pinisim Sefti Sempian inisitiv bilong Projek. Dispela inisitiv i wok long ran gut yet na i pulim bikpela intres tru long ol woka bilong kain kain tim na ol kontrakta manesmen tu. Eksampel, klostu 300 kontrak sekiuriti woka i bin stap insait long dispela progrem, we i karamapim 20 pesen bilong ol Sefti Sempian insait long Projek.



IIF® bung bin kamap long LNG Plent sait

Hides Eria Trefik Sefti Komiti i laikim tupela komyuniti developmen inisitiv long helpim ol manmeri husat i wokabaut long rot i ken kalapim gut wanpela bisi rotbung klostu long rot i go insait long Hides Ges Kondisening Plent sait. Dispela wok i kamapim wanpela ples bilong wokabaut na ol banis bilong stopim ol pipel na ol ka, na bai stopim ol pikinini long wokabaut long rot bilong ka.

Long dispela kwata, Projek i sponsa long namba tu kos bilong World Health Organization malaria maikroskopi slaid-riding, bihain long gutpela ripot i kamap long namba wan kos ol i bin kamap long namba wan kwata bilong 2012. Wanpela speselis bilong World Health Organization i go pas long faipela de kos bilong ol maikroskopis bilong Projek o ol lain i mekim wok bilong en. Twelpela manmeri i bin kisim akreditesen bilong World Health Organization.

International Independent Scientific Advisory Board wantaim Independent Environmental and Social Consultant bilong Lender Group i mekim tupela independen rivi long dispela kwata. Ol dispela rivi i glasim Komyuniti Helt Impek Mitigesen Manesmen Program. Tupela bikpela patna, Papua New Guinea Institute of Medical Research wantaim Population Services International i go pas long dispela Program. Ol tupela rivi wantaim i givim gutpela ripot na ol i tok Program i kamap gut tru na inap kamapim rot bilong ol beslain stadi bilong helt data long Papua Niugini.

Wokfos developmen

Long taim konstraksen wok i pinis long sampela ples bilong wok, namba bilong ol wokmanmeri i surik i kam daun. Long pinis blong dispela kwata, total namba bilong wokmanmeri i stap long mak bilong 19,300 long taim yumi skelim wantaim 20,270 woka long namba wan kwata 2012.

~19,300 pipel i kamapim namba bilong Projek wokmanmeri



Operesens na Mentenens treni Elsie Digwaleu i kisim save long taim em i wok long LNG Plent

Projek i redim ol Papua Niugini wokmanmeri long taim olgeta wok i pinis long ol ples wok, aninit long wanpela program we i gat ol toksave pabliikesen, tulboks presentesen na komyuniti engesmen.

Ol i yusim tu drama long toksave long wanem ol samting ol Lenona Kampani (Lancos) i mas bihainim long taim ol wokmanmeri bilong ol i pinis wok na wanem samting ol dispela woka i ken mekim long redi long taim olgeta wok i pinis na ol tu i mas go nabaut.



Trensens trening i givim save long ol woka long helpim ol i painim narapela wok bihain long ol i lusim Projek

Groim ol Papua Niugini bisnis

Long pinis bilong dispela kwata, Enterprise Centre i helpim moa long 15,200 bisnis manmeri long kain kain program bilong en. Dispela Centre i givim moa long 8,300 trening de na moa long 1,200 de long wok bilong edvaisori na stiaim ol Papua Niugini bisnis.

Ol Lanco i go pas yet olsem namba wan lain bilong Projek long kisim stia na ol skul bilong bisnis developmen. I kam inap nau, Projek i spendim moa long 2 bilien Kina (US\$956 milien) long ol Lanco sevis. Long dispela mani, 398 milien Kina (US\$182 milien) em ol i spendim insait long dispela kwata.

Wantaim ol Lanco, Projek i givim kontrak long ol arapela Papua Niugini bisnis long ol sapot sevis olsem rentim kemp na haia long ol ikwipmen.

Bungim wantaim, ol Lanco sevis na ol narapela sevis i bringim totel mak bilong Kina ol i spendim insait long kantri i sanap long moa long 9 bilien Kina (US\$4 bilien) long Projek i kam inap nau.

9+ bilien Kina em ol i spendim long Papua Niugini i kam inap nau

Sosel developmen

Ol pipel bilong Komo viles i lukim kaikai bilong nupela komyuniti maket bilong ol arere long nupela Bank South Pacific (BSP) brens, em ol i opim tupela wantaim long Jun 9.



Ol lain i wokim singsing tumbuna long taim bilong opim Komo komyuniti maket

Nupela Komo komyuniti maket i kamap bihain long ol lokal komyuniti i pinisim Pesenel Vaibiliti trening bilong Projek na dispela trening i kirapim tingting bilong ol long painim rot we komyuniti bilong ol i ken kisim mani. Dispela maket i kamap long wok bung o patnasip namel long komyuniti, Gavman na Projek.

Komo komyuniti maket i kamapim gutpela rot bilong helpim ol meri i kisim mani bilong ol yet long taim ol i kukim o beikim ol kaikai na salim.

Long namba tu kwata, moa long 180 meri i opim ol seving akaun long Hides na Komo long putim mani ol i kisim long taim ol i salim kaikai long maket.

Wanpela Pesenel Vaibiliti program bilong 'trenim ol trena' tu i bin kamap long Komo. Ol i makim faivpela lokal meri na wanpela man long kisim trening, we bai helpim ol long kisim dispela program i go long Komo na ol arapela ples klostu.

Pesenel Vaibiliti trening bai givim save long ol komyuniti long kamapim ol developmen bilong ol yet na helpim wan wan manmeri long stiaim gut laip bilong ol long taim kain kain senis i wok long kamap. I kam inap nau, moa long 1,300 pipel i bin pinisim dispela trening.

1,300+ pipel long Pesenel Vaibiliti trening i kam inap nau

Long taim konstraksen i stat long 2010, Projek i wok long givim sapot i go long ol skul long Projek eria. Dispela i kamapim tu ExxonMobil Science Ambassador Program, stretim na kamapim gut ol skul klasrum, givim yet ol skul desk na edukesen materiel, na dispela 'Box of Books' laibreri program.

Long dispela kwata, Science Ambassador Program i bin kamap long Port Moresby International School na long Redscar High School.

Insait long dispela Program, ol i yusim ol saiens kit long helpim ol studen i amamas wantaim long kisim skul long saiens na petrokemikel indastri.



Science Ambassador Program na ol materiel bilong skulim saiens long Redscar High School

Wok i stat nau long infrastraksa developmen projek long Tugupawi, Malanda, Juni, Idauwi na St. Paul's praimer skul long Hides, na ol i putim wanpela wara tenk long Idauwi Praimeri Skul long dispela kwata.

Long namba wan kwata bilong 2013, Projek i pasim tok long givim moa long wan milien Kina (US\$457,000) long stretim ol klasrum na ol arapela samting bilong ol studen long sampela skul ol i bin makim. Ol i makim ol dispela skul bikos ol skul ya i mekim gut wok bilong givim edukesen sevis long komyuniti maski sapos ol klasrum na arapela samting i bagarap.

Wokbung wantaim ol stekholda na komyuniti

Projek i strongim yet dispela program bilong wokbung wantaim ol komyuniti we ol i mas kisim stretpela infomesen na stap insait tu long ol wok bilong Projek.

Long dispela kwata, moa long 250 fomel engesmen, o bung long toktok, i kamap we i gat rekot bilong moa long 650 pipel bilong 45 komyuniti insait long Projek eria. Dispela i bringim namba bilong ol dispela kain fomel engesmen i go antap moa long 1,250. Ol engesmen i kamap we igat rekot bilong moa long 29,500 pipel long Projek eria.

Moa long 29,500 pipel ia stap long fomel engesmen inap nau

Ol 47 komyuniti i bin stap insait long 295 infomel engesmen long dispela kwata we i bringim namba bilong ol infomel engesmen i go antap long moa long 1,650. Ol i bin toktok long sefti long taim konstraksen wok i gohet yet long paiplain na long taim wok tru i stat, na tu, long sefti bilong trefik na ol pipel husat i save wokabout long rot.

Olpela Prait Minista bilong Australia, Prait Minista bilong Fiji, Gavana Jeneral bilong Australia, Papua Niugini na ol mauslain bilong nesenel na provinsal gavman, wantaim planti arapela Heds ov Foren Misin i bin stap insait long moa long 170 bikmanmeri husat i bin kamap long 14 advokasi woksop na lukluk raun long LNG Plent sait long dispela kwata.

Long las yia i kam inap nau, moa long 1,000 pipel long ol komyuniti grup, ol mauslain bilong ol stekholda grup na ol gavman dipatmen i bin kamap long kisim skul, lukluk raun long ples na lukim LNG Plent. Ol dispela lukluk raun i toksave gen long wok bilong Projek long lukautim envairomen na gutpela sindaun wantaim ol komyuniti na tok klia long wanem kain wok i kamap.

Long taim em i wokbung wantaim ol komyuniti, gavman, ol Papua Niugini saplaia na ol arapela ki stekholda, Projek i gohet yet long winim mak long planti ol wok bilong en.



Julia Gillard, olpela Prait Minista bilong Australia, i toktok wantaim ol Operesen na Mentenens treni





PNG LNG

www.pnglng.com

Port Moresby - Project Headquarters
Esso Highlands Limited
Lawes Road, Munidubu Street
GPO Box 118
Konedobu, Port Moresby
Papua New Guinea

Email: pnglngproject@exxonmobil.com

ExxonMobil

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



Santos
We have the energy.



