



Ol Bikpela Painimaut

SAMPELA BIKPELA TOKSAVE I STORI LONG OL BIKPELA PAINIMAUT LONG PACIFIC

Dispela infomesen i kam long Synthesis Ripot bilong United Nations **Intergovernmental Panel on Climate Change's (IPCC)**. Dispela, em I fainol ripot bilong IPCC's Sixth Assessment Cycle (AR6). Emi bungim olgeta IPCC ripot insait long 7pela yia I go pinis.



Sapos yumi mekim na hot bilong wol i stap ananit long 1.5°C

(na I no go antap long 2°C), dispela bai I mekim, gutpela samting bai I kam na senis nogut bai I liklik moa. Dispela wok bai I nidim moa mani long stap redi long abrusim hevi, tasol mani na wok bilong stretim hevi bai I liklik moa.



Ol savelain I tok klia olsem, wok bilong man yet I mekim, na hot bilong wol na solwara na win bilong wol I go antap moa. Dispela senis, I hariap moa long senis ol savelain i bin lukim long taimbipo.



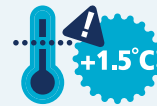
Planti win nogut, olsem CO2, I save kamap long yusim ol fosil fiul. Olgeta infrastraksa bilong fosil fiul I stap nau, bai mekim, na hot bilong wol bai abrusim mak bilong 1.5°C I go antap.



Namel long 1850 I go 2019, bikpela win nogut CO2 I kamap insait long win bilong wol. Dispela ol CO2, em I 80% bilong olgeta win nogut I ken mekim na, hot bilong wol bai go antap long 1.5°C.



Planti hevi I kam long klaimet senis. Hevi bai I bikpela moa long ol liklik ailan. Hevi bai I liklik moa long ol bikpela ples long wol.



Sapos hot bilong wol I go antap long 1.5°C, bikpela hevi moa I ken kamap long sindaun bilong ol manmeri. Ol hevi bai I ken kamap long sait bilong helt, gutpela sindaun na sefti bilong ol man, rot long painim freswara na kaikai, na sait bilong mekim mani.



I gat sampela gutpela rot long wokim wok bilong stap redi na wok bilong mekim hevi I liklik. Dispela ol rot, I no bikpela mani na ol I isi long wokim.



Ol Pacific ailan I nidim moa mani long sapotim ol long wok bilong stap redi na wok bilong mekim hevi I liklik.



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Painimaut bilong ol savelain I tok klia: klaimet senis I ken wokim draipela birua long sindaun bilong ol manmeri na bilong wol. Liklik taim tasol I stap yet long wokim gut gutpela sindaun long bihaintaim. Yumi olgeta manmeri I gat planti gutpela save, I gat gutpela pasin bilong wok na mani na risos long stretim dispela hevi. Olsem wanem yumi wokim nau, ol pasin bilong mipela nau, dispela bai I wokim wanem senis bai I kam long planti tausen yia bilong bihaintaim^{*1}.**

Wok bilong ol man I bin senisim hot bilong wol stat long 1850 I kam inap nau.²

Painimaut bilong ol saveman I tok klia olsem, wok bilong ol man I bin senisim klaimet (solwara, graun na win bilong wol). Dispela senis I kamap hariap moa long ol senis ol savelain I bin lukim long bipotaim.³ Insait long yia 2011 I go 2020, hot bilong wol I go antap long 1.09°C.⁴ Long stat bilong 1970 I kam nau, hot bilong wol I bin go antap hariap moa. Dispela senis I kamap hariap moa long olgeta senis insait long wanwan 50pela yia insait long 2000 yia I go pinis.^{***5}

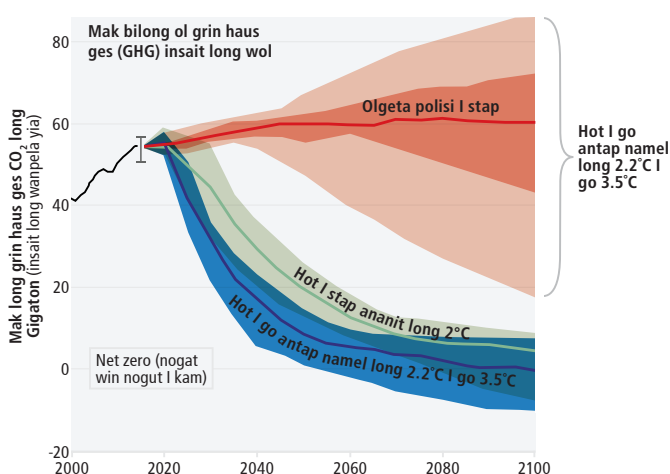
Stat long 2010 I kam inap nau, ol bikpela sekta I bin kamapim moa win nogut. Long yia 2019, sekta bilong pawa, indastri, trenspot na biding, olgeta wantaim i wokim bikpela win nogut, olsem 79% bilong olgeta grin haus ges(GHG) insait long wol.^{***6}

Plantu kantri insait long wol, ol I bin toktok long daunim wok bilong grin haus ges, na ol I raitim ol polisi long wokim dispela wok. Long 2020, painimaut I soim olsem, olgeta polisi bilong olgeta kantri I no inap long daunim hevi bilong grin haus ges, olsem ol kantri I bin toktok ol I laik wokim. Sapos ol kantri I no wokim polisi I strongpela moa, I luk olsem hot bilong wol bai I go antap long 3.2°C long yia 2100.^{**7}

Long mekim na hot bilong wol I stap olsem nau, I gat nid long banisim wok bilong CO₂ I stap insait long mak nogut, na tu bilong ol narapela GHG, olsem mitein.⁸

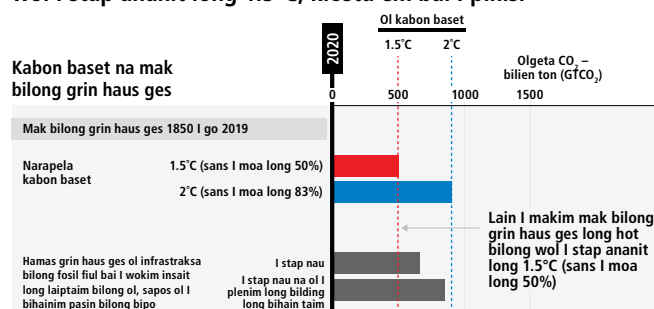
Namel long 1850 I go 2019, bikpela win nogut CO₂ I kamap insait long win bilong wol. Dispela, em I 80% bilong olgeta win nogut I mekim na, hot bilong wol bai go antap long 1.5°C.⁹

Ol CO₂ ges I save kam long olgeta fosil fiul infrastraksa I stap nau, em bai mekim dispela narapela 20%.^{***10}



I kam long piksa SPM.5 — ol polisi I stap nau bai mekim na, mak bilong ol grin haus ges bai wokim senis na hot bilong wol bai I go antap long 2.2°C I go 3.5°C. Ol bikpela, strongpela senis tasol long mak bilong grin haus ges I ken mekim na, hot bilong wol bai I stap long 1.5°C o ananit long 2°C, bipo long 2100.^{**}

Narapela karbon baset I stap yet long mekim na, hot bilong wol I stap ananit long 1.5°C, klostu em bai I pinis.



I kam long piksa 3.5 — Sapos yumi stap insait long karbon baset bilong 500 GtCO₂ long stat bilong 2020, yumi gat moa long 50% sans long hot bilong wol bai I stap ananit long 1.5°C. Sapos yumi stap insait long karbon baset bilong 900 GtCO₂ long stat bilong 2020, yumi gat 83% sans long hot bilong wol bai I stap ananit long 2°C.¹¹ Toksave tasol: Ol CO₂ I kam bihain long 2020 I no stap insait long ol namba bilong IPCC karbon baset. Stat long 2020 I kam inap nau, yumi wokim narapela moa 84gt CO₂ i kam insait long win bilong wol.¹²

1 Summary for Policymakers (SPM)C.1

2 Longer Report, Figure 2.1 (d)

3 SPMA.1

4 SPMA.1; Warming is in comparison to baseline 1850–1900 temperature levels.

5 SPMA.1.1

6 SPMA.1.4

7 SPMA.4.4

8 SPMB.5.1

* = i no gat strongpela tingting tumas

** = strongpela tingting

*** = bikpela bilip tru

9 SPMB.5.4; This refers to keeping to 1.5°C with more than 50% likelihood. 'Carbon budget' refers to the maximum amount of cumulative net global anthropogenic CO₂ emissions that would result in limiting global warming to a given level with a given probability.

10 SPMB.5; SPMB.5.3; This is based on unabated fossil fuel infrastructure (e.g. without Carbon Capture & Storage).

11 SPMB.5.3

12 Global Carbon Project 2022; Friedlingstein et al 2022 'Global Carbon Budget 2022'

Ol bikipela, strongpela senis tasol long mak bilong GHG I ken mekim na, hot bilong wol bai I stap long 1.5°C, o ananit long 2°C, bipo long 2100. Dispela strongpela wok bai mekim tu na, mak bilong solwara i no kam antap hariap tumas.^{**13} Sapos I no gat ol strongpela wok long daunim mak bilong grin haus ges, klaimet senis bai mekim na, sampela ol liklik ailan bai I bagarapolgeta. Dispela birua bai I bikipela moa long ol liklik atol nesen.¹⁴

I gat sampela rot long mekim na, hot bilong wol I stap long 1.5°C, o go antap liklik tasol, insait long 2035. Dispela rot I soim olsem, insait long 2035: -daunim wok bilong olgeta GHG long 60% ananit long mak bilong 2019 -daunim wok bilong CO₂ long 65% ananit long mak bilong 2019.¹⁵

Nupela painimaut I soim olsem, senis bilong klaimet I bikipela moa na strongpela moa long ol painimaut I soim bipotaim.^{**} Painimaut I soim tu olsem, ol senis bai I kam long bihaintaim, ol bai I bikipela moa long wanem samting yumi save lukim nau yet.^{**16}

Wok bilong man I mekim na, klaimet senis I kamapim planti bikipela bagarap na weda nogut I kam long win, solwara, hap bilong wol ananit long bikipela ais na graun bilong wol. Ol dispela senis I bin kamap planti taim moa na ol I strongpela moa, na ol I bin wokim bikipela bagarap long ol ples na envaimen na manmeri.¹⁷ Planti taim, bagarap I kam long ol liklik ailan, em I bikipela moa long ol bikipela ples insait long wol.¹⁸

Long olgeta hap long wol, insait long 100 yia I go pinis, ol hap tais I kamap liklik moa long 50%. Dispela I kam long wok bilong man wantaim mak bilong solwara I kam antap, na hot bilong wol I kam antap, na weda nogut I mekim.^{**19} Ol tais I kisim bagarap I kam long klaimet senis na tu long wok bilong man i yusim graun.²⁰

Ol hevi I kam long klaimet senis I ken bagarapim man na ples. Dispela hevi I bikipela moa taim hot bilong wol i go antap long 1.5°C moa long nau.^{**21} Eksampel: painimaut I tok olsem, sapos hot bilong wol I go antap long 1.5°C, narapela 70–90% bilong ol korol rip bai I kisim bagarap.^{**22}

Ol SIDS (Small Islands Developing States, ol liklik ailan nesin insait long Pacific), na ol PICT (ol komyuniti insait long ol Pacific ailan), ol inap long kisim bikipela hevi moa I kam long klaimet senis.²³ Maski ol I no wokim planti wok bilong kamapim klaimet senis, ol bai I kisim bikipela hevi moa.²⁴

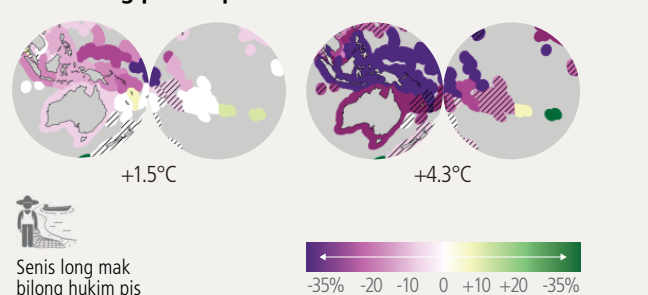
Ol ailan insait long Saut Pacific i gat liklik populesin. Tasol ol bai I kisim bikipela bagarap moa, long wanem, klaimet senis na weda nogut mekim, planti asples manmeri I mas lusim graun bilong ol.²⁵

Bai I gat nid long bikipela mani long mekim na, hot bilong wol I stap long 1.5°C na I no kam long 2°C. Tasol dispela mani tu bai kisim planti gutpela samting i kam, olsem hevi bai I liklik moa, na mani bilong stap redi bai I liklik moa.^{**26}

Hevi long ol kain pis na animol na plen I lus



Wok bilong painim pis



I kam long piksa A1.15, Wok grup II (WgII) Annex I & piksa SPM.3 – Sapos klaimet senis I kamap bikipela moa, em bai I mekim, hevi bai I kamap bikipela moa long envaimen na ples. Painimaut I lukluk long mak bilong ol kainkain animol na plen, na mak bilong pis long 1850-1900 I kam nau.

Painimaut I lukim olsem, senis na hevi bilong senis I narapela long narapela narapela hap. Senis long mak bilong ol kainkain plent na animol na mak bilong pis I bikipela moa taim hot bilong wol I go antap.

Piksa bilong ol kain plent na animol I soim painimaut bilong Synthesis Ripot piksa SPM.3. Dispela piksa bilong ol plent na animol I kam long WGII Annex I A1.¹⁵

Sapos I no gat strongpela wok bilong daunim hevi na bilong stap redi, ol liklik tarangu komyuniti bai kisim bikipela hevi moa, na bai I stap kalabus insait long dispela kain hevi.^{**27} Klaimet senis bai mekim, bikipela bagarap moa bai I kam long ol wok bilong SIDs na PICTs bilong bihain taim. Sampela hevi bilong ol, em bai I no bilong stretim na mekim gut gen, em bai I lus olgeta.

* = i no gat strongpela tingting tumas

** = strongpela tingting

*** = bikipela bilip tru

13 SPMB.6; SPMB.7.2

14 WGII Chapter 15.3.4.9; FAQ15.1

15 Table XX: SPMB.6

16 SPMB.2; Figure SPM.4(a)

17 SPMA.2; SPMA.2.6

18 WGII Chapter 15.3

19 Section 2.1.1

20 SPREP 2020 State of Environment & Conservation in the Pacific Islands Regional Report

21 SPMB.2.2

22 Figure SPM.4(b)

23 SPMA.2.2

24 Section 2.1.2

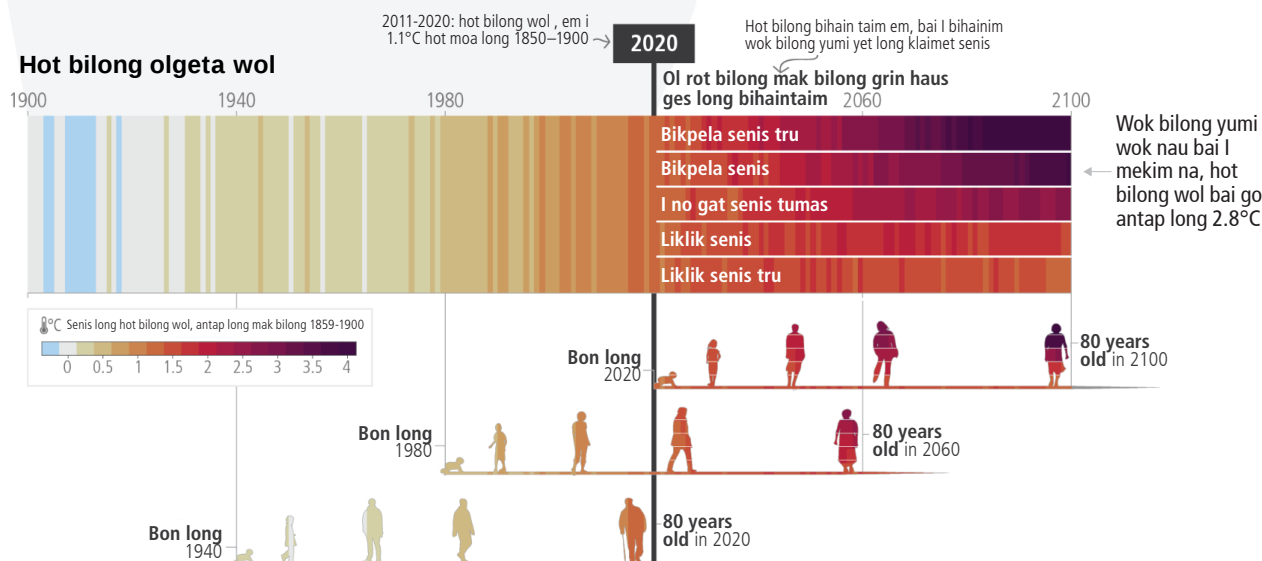
25 SPMA.2.5

26 Section 3.4.1; SPMC.2.4

27 Section 2.1.2

28 WGII Chapter 15, Box 15.2

Wok bilong yumi nau yet, em bai I skelim olsem, graun bilong pikinini bilong yumi bai I olsem wanem, na hot bilong wol bai I olsem wanem



I kam long piksa SPM.1. – Hau yumi wokim nau yet, em bai mekim wanem kain wol ol pikinini bilong yumi bai stap long en. Wol bilong ol, I ken kamap hot moa long nau. Nau yet, wol I stap long mak bilong 1.1°C hot moa long 1850–1900. Senis I kam long laip bilong ol man I bon long tripela taim – 1940, 1980 na 2020 – bai narapela, bihainim mak bilong grin gas I senis. (Senis I ken: liklik tru, liklik, I no gat senis tumas, bikpela senis, bikpela senis tru.)

Wok bilong stap redi I ken helpim agensim hevi bilong klaimet senis. Tasol sampela senis I kam pinis, em I ken pasim rot long traim nupela rot long stap redi.²⁹ Sapos klaimet senis I kamap strongpela moa, sampela wok bilong stap redi bai I no inap.³⁰ Eksampel: sampela korol bilong rip long wara I hot liklik, ol I no inap stap gut sapos wara I kamap hot moa yet. Olsem na, wok bilong stap redi long mak bilong ekosistem bilong rip I no inap wok gut.³¹

Mak bilong wok bilong stap redi nau, em I no inapim nid bilong wok long daunim hevi I kam long klaimet senis. I gat nid long bikpela wok moa.³²

Mani, em i bikpela samting long wokim gutpela wok long klaimet senis hariap.³³ **Long 2018, mani bilong wok bilong stap redi na bilong daunim hevi bilong ol kantri I no gat mani, em I no bin inap.**³⁴ Long 2020, UNFCCC na Paris Agreement I bin makim USD1000 milyen, long givim long ol kantri I no gat mani, long wanwan yia. Tasol mani ol gavman na kampani I bin givim, I no inapim dispela mak.³⁵ **I gat nid bilong moa mani long helpim wok bilong stap redi long nau, long lukluk long ol bikpela senis na bagarap we klaimet senis I kamapim, na tu insait ol liklik tarangu kantri.**³⁶ I gat nid bilong moa mani bilong daunim hevi, long wokim hariap wok bilong daunim wok bilong grin haus ges na agensim ol hevi bilong klaimet senis.³⁶

Mani bilong gavman na kampani I givim long fosil fiul, em I bikpela moa yet long wok bilong helpim klaimet.³⁷

Ol tarangu lain long taun na long ol setelmen long taun I save kisim bikpela hevi moa I kam long klaimet senis. Sapos yumi makim mani long daunim bagarap bilong ol, em bai I mekim olsem, sindaun bilong olgeta manmeri long taun bai I gutpela moa.³⁸ **Long nau, painimaut I no lukim olsem, gutpela mani I go long ol lain setelmen**³⁹.

Olgeta sekta na olgeta manmeri I ken bungim hevi I kam long klaimet senis. Painimaut I soim olsem, ol dispela hevi bai kamap bikpela moa, sapos hot bilong wol I kamap bikpela moa. Tasol tu, hevi bai I bikpela o liklik, bihainim rot bilong sapotim ol manmeri na wok bilong wokmani, na wok bilong stap redi. Gutpela wok olsem, I ken agensim dispela ol senis nogut.⁴⁰

Sapos gavman, sivil sosaiti na praiwet sekta i wokbung na bihainim gutpela rot, ol manmeri bai I ken sanap na agensim ol hevi bilong klaimet senis. Gutpela rot, em I mas rot bilong daunim hevi, na mekim olgeta man na meri I kisim wankain sapot na helpim. Strepela wok bai I karim kaikai longpela taim na agensim hevi bilong klaimet senis.⁴¹ Rot long gutpela sindaun I stap longpela taim, ol gavman na sekta I ken wokim, taim ol I stretim tok bilong tingting, mani na wok bilong ol, long wokim gut. Na tu, tingim save bilong ol asples na harim gut tingting bilong ol bai mekim na, sindaun bai I stap gutpela longpela taim.

29 SPMA.3

30 SPMB.4

31 SPMB.4.2

32 SPMA.3.3

33 SPM.C.7

34 SPMA.4.5

35 SPMC.7.2

36 SPMC.7.1

37 SPMA.4.5

38 SPMC.5.3

39 Section 4.5.3

40 SPMB.2.4

41 SPMC.1.2; Figure

SPM.6

42 SPMC.6.5

* = i no gat strongpela tingting tumas

** = strongpela tingting

*** = bikpela bilip tru