

Mekem tugeta tulkit blong bildimap Eben Komuniti Risiliens

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Tok tankiu

Senta blong pripe from disasta i talem tankiu long evriwan we i mekem tulkit ia i posibol- evri patisipen blong trifala paelet woksop long Luganvile, Vanuatu mo Semarang mo Ternate Indonesia (Indonesia Red Kros) we i help blong mekem ol materiel ia, staff blong Palang Merah Indonesia (Indonesia Red Kros mo Vanuatu Red Kros, Amerika Red Kros mo Intenasanal Federesen blong Red Kros Red Kresen Sosaeti, HR&A Advasesa mo Rockfella Faondesen, mo ol raeta, ISTET- Intenasanal mo Picher Allan Associates, LLC.

Man we i fandem: Unaeted Steit Ejensi blong Intenasanal developmen

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Ol efekts blong klaemet jens oli stap inkris plante mo yumi witnessem lo Pacific. Ol komunities blong yumi oli nid blong buildim ap mo stanap blong facem moa denjares weta mo fulap strong disasta.

Vanuatu Red Cross Sosaeti I praod blong stanap strong mo involvem hem lo development blong “City Waed Risk Assessment blong Mekem Tugeta Tulkit” blong bildimap komuniti istanap strong long taon blong yumi. Yumi talem tankyu long Klobal Disasta Preparedness Senta blong isave selectem Vanuatu olsem wan trael ples blong kolition building Klimate Jes Projek.

Yumi luk forward blong yumi save wok tugeta blong applaem tulkit, sherem save wetem ol nara kaontris we oli facem semak situeson blong faet akensem klamat jens.



Jacqueline de Gaillande
Chief Executive Officer
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Tebol blong Konten

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INTRODAKSEN

Ol komuniti olbaot long wol i gat bigfala opotuniti blong gro mo konekt bitim bifo, be yet namba blong ol pipol wea i ekspos long ol hased, sok mo stress i stap ko antap, espeseli long ol taon kolosap solwota, i lid i ko long risk wea i ko antap mo pipol i stap long nid. Long semak taem, pipol wea i stap long ol taon oli kam ol ejen blong jens mo gat ol impoten risos, skil mo kapasiti blong tekem ol hadwok blong risiliens ikam long ol komuniti blong ogleta mo ol narfala taon mo distrik.

Fulap komuniti okanaesesen i mekem impoten humanitarian mo developmen wok long ol ples wea i stap long nid, mo hemia hemi help blong bildimap sosel capital mo lokol kapasiti. Be oli no save adresem evri nid long saed blong risiliens mo tu no save adresem ol konsen long saed blong disasta risk- i ko long ol minisipal o nasanal otoriti o narafala patna.

Blong mekem se risiliens long saed blong klaemet jens i kam moa strong, ol taon i nidim wan level blong sivik inkeijmen wea imoa gud. Hemi blong lukluk ol samting wea i mekem komuniti i moa strong mo divesity i gro long ol eben komuniti mo i save komplimentem fomol gavenans strakja tru long involvmen blong ol stekholda blong lukluk long risiliens long komuniti mo haoshol. Putum tugeta komuniti beis mo neibahud aproj wea komuniti okanaesesen i bin invest long hem, kaen sivik involvmen ia long ol eben seting i save provaedem wan daon i ko antap pus blong influens developmen mo lokol risk sensitiv disisen i wok hariap. Kavenans mo invesmen blong ol efektif komuniti risiliens aotkam.

Blong save kat long bigfala skel, ol okanaesesen i mas tekem ol tul blong olgeta naoia mo ol wei mo putum gud tugeta long tu niufala wei:

- Blong yusum ol sistem tingting blong stadi long ol nid blong pipol mo luksave risiliens opotuniti i no jes insaed long komuniti be long skel blong sit mo
- Blong bildimap ol kolisen blong okanaesesen wea i wok tugeta i ko long wan semak nid blong daonem nid ia mo ol gol blong bildimap risiliens. Seken wan blong bildimap rileisensip mo kolisen, hemi stap long komanion tulkit. Long tulkit ia, hemi fokus long risiliens asesmen mo bildimap risiliens long wan faondesen blong sistem tingting.

From wanem yumi yusum tulkit ia?

Sipos yu ridim dokumen ia, ating yu gat sam intres finis blong mekem wan risiliens asesmen. Tu risen hemi:

- Bildimap risiliens hemi wan wei blong daonem ol nid mo mekem se laef i kam moa gud, mo daonem ol nid blong rispon bifo disasta mo rikavari.
- Risiliens hemi wan sos blong fanding mo prokram sapot mo yu wantem save rispon long opotuniti ia.

Tulkit ia oli developem wetem help mo oli paelotem wetem komuniti beis development mo humanitarian eid okanaesesen. Hemi gat ol risiliens tingting mo praktis mo hemi adresem ol isiu blong komplekxiti, skel, ebenaisesen mo developmen. Mo tu, tulkit ia:

- ***Hemi gud blong ol man wea i yusum***
- ***Blong komuniti***
- ***Klia mo pipol i save andastanem***
- ***Wan disaen blong ol okanaesen blong i karemaot wok mo nidim wan narafala fasiliteta aotsaed.***

Tulkit ia hemi gud blong ol okanaesesen wea i wok long taon o taon wea i wantem wok wetem ol taon skel risiliens. Mo ol okanaesesen wea i wok long komuniti wea i fainem ol jalens wea i mas adresem i moa bitim komuniti level.

Wanem i stap long tulkit ia?

Tulkit ia i presentem wan aproj blong adresem taon komuniti risiliens wea bae i mekem blong yu:

- Luksave ol komuniti risiliens praioriti mo nidim taon level atansen mo intevensen;
- Talem sapos mo olsem wanem komuniti mo taon level risiliens praeoriti i semak;
- Lukasave ol entri poen blong bildimap risiliens long komuniti level wea i save kontribut long taon level risiliens.

Bifo yu stat, luk tru long ful tulkit. Bae proses i moa isi sapos yu andastanem wanwan step mo gat wan tingting long hao oli fit tugeta blong provaedem wan bigfala piksa long risiliens wok blong yu.

Ful risiliens asesmen proses bae i tekem u kasem fo manis. Long en, bae yu no save mekem evrisamting, o save evrisamting be bae yu save inaf blong save wea ol aktiviti i stap blong bildimap risiliens mo pikimap gudfala poen blong stat long hem blong niufala wok wea i bildimap risiliens blong taon blong yu.

Hao blong yusum tulkit ia?

Wan fasiliteta hemi no nid blong mekem wanem wea i stap long tulkit ia- ol tul oli disaenem blong eni wan i save pikimp mo yusum mo tingbaot se i no nid blong hemi mas save abaot klaemet jens o risiliens. Be fasilitesen i save mekem proses i ron gud.

Fasiliteta i no nid blong hemi wan profesenal fasiliteta blong aotsaed, hemi save stap insaed long okanaesesen o wan lo ol narafala okanaesesen wea i save ol samting insaed long tulkit ia. Yu save givim wok long ol difren memba blong fasilitetem ol difren pat blong tulkit.

Dokumen ia i gat bakraon infomesen mo ol tul blong mekem risiliens asesmen. i gat tu ol advaes long hao blong lidim ol pipol tru long ol step insaed long wok ia. Ol tingting blong treina ia i stap mo yu save skipim sapos yu wantem ol beisik infomesen nomo.

Sipos yu no gat eni eksperiens wetem risiliens asesmen wok, hemi gud blong yusum ol tul long tulkit ia long wei wea oli stap. Wanwan tul hemi blong bildimap infomesen wea i stap long ol tul fastaem, mo ol tul oli mekem blong sapotem save mo aplikesen. Wanwan tul i gat taem wea i nidim blong yusum tul ia, hemi ol tingting nomo. Ol tul ia i save tekem long taem blong yusum spos i gat wan bigfala grup o sapos topik i niu. Bae tekem smol taem spos i gat wan smol grup mo yu stap wok long program iawe a i finis. Yu save fainemaot tu se taem yu yusum yu save luksave wea ples yu nidim ol narafala infomesen o blong involvem ol narafala stekholda o blong i poenem aot ol mein eria wea yu wantem blong riptim wan tul long hem o wetem wan stekholda grup wea i moa bigwan.

Sipos yu bin gat eksperiens bifo wetem risiliens asesmen wok, plis yusum! Wan eksampol, sapos taon blong yu i bin mekem wan risk map¹, karem ol risk map ia i ko long ol Map Sok mo Stress sesen mo yusum osem wan stating poen. Tulset ia i sud bild long ol wok blong bifo, netwok mo andastanding. Gol blong tulkit hemi no jas blong wok tru long ol step be blong helpem blong putum gud ol wok blong bifo, fulmap ol speis mo mekem wan bgifala piksa blong mov i ko long foret. Tulkit ia oli disaenem blong wan kolisen i yusum, hemi from se blong bildimap risiliens hemi nidim blonh yu tingbaot fulap ol sekta mo skel blong wok blong fulap okanaesesen mo ejensi. Blong involvem ol grup ia

¹Asesmen ia hemi lukluk long komuniti risiliens tru long taon, hemi givim wan opotuniti blong divelopem ol seksen we i stret long ol komuniti risilens plan wea istap finis.

long stat bae i mekem wok i moa gud. i no nid blong kolisen i develop gud blong yusum tulkit ia. Taem yu yusum ol tul ia, ol ples wea i gat speis long hem long infomesen mo save bae i help blong luksave hu moa i nid blong stap long kolisen mo wanem stekholda mo ekspet i nid blong kam pat blong proses blong bildimap risiliens.

Sapos yu ademap ol kolisen memba tru long wok, rimemba se proses blong meserem risiliens i no nid blong statem bakeken. Yu save luk tru long hem nomo wetem olgeta wanem yu bin mekem finis mo kontinu iko.

Taem yu yusum ol tul, yu no traem blong putum insaed mo tokbaot evri las pis blong infomesen abaot klaemet jens, adaptesen, disasta risk ridaksen, risiliens long taon blong yu. Andastanem risiliens hemi abaot andastanem bigfala piksa, hemi minim se bae yu fokus long tekem ol infomesen wea yu save finis mo putum tugeta wanples mo luksave wanem wea i difren taem yu putum tugeta mo wanem i soem abaot wanem wea i no happen yet. From se difren sekta, dipatmen mo okanaesesen i wok long ol difdifren wei i no gat wan i bin putum ol infomesen ia tugeta. Taem yu putum ol infomesen ia tugeta, ol risal i strong mo i mekem yu sapraes long wanem yu save lanem.

Tulkit ia i gat sam aktiviti wea yu save rikodem infomesen wea yu karem taem yu yusum ol tul, mekem infomesen mo wan bigfala pija mo luksave ol speis wea i stap long risiliens. Ol aktiviti ia i stap long wan fael nem blong hem “Risiliens Asesmen Woksit doks” insaed long Woksop insaed long wan bokis wea yu daonlodem tulkit ia. Truaot long tulkit , i gat ol instraksen wea bae sam pat blong ol aktiviti yum as fulumap blong wanwan tul. Hemi oraet sapos yu no save fulmap sam long ol boks long aktiviti, wan emti boks hemi soem se yu nidim sam moa infomesen o blong karem infomesen long wan man aotsaed long kolisen blong yu wea bae save ansa. Tingbaot ol emti boks ia olsem homwok, traem blong luksave infomesen wea i no stap bifo neks miting. Mo tu tingbaot se infomesen yu putum long ol woksit i save jenis taem yu lanem mo karem niufala save- hemi gud blong fulmap ol woksit wetem pensel.

Tulkit Metodoloji

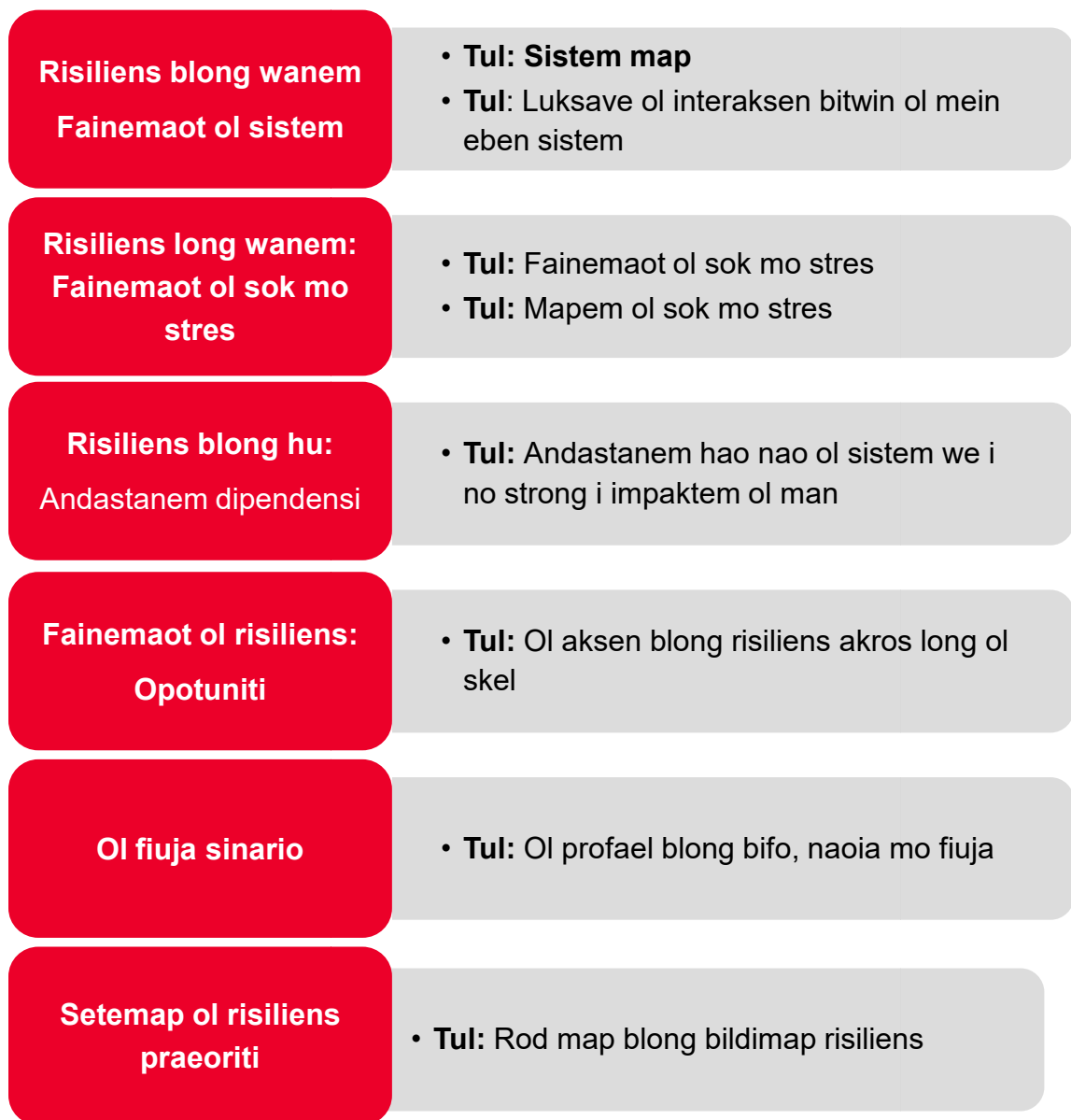
Wei blong mekem wan risiliens asesmen wea i stap long tul kit ia hemi gat siks steij. Fes trifala steij- luksave sistem, luksave ol sok mo stress mo andastanem ol dipendensi- lukluk long luksave wanem hemi “risiliens jalens”, luksave risiliens blong wanem, risiliens i ko long wanem mo risiliens blong hu. Namba fo steij hemi lukluk blong disaedem wanem risiliens aksen oli bin tekem mo sapos ol aksen ia i bin mitim risiliens jalenj. Namba faev steij hemi lukluk long hao nao risiliens i save jenis sapos pipol i no sua, mo las steij i

lukluk blong luksave ol risiliens praeoriti blong kolisen blong i statem. Fika 1 i soem ol siksfala steij ia mo ol tul wea yu save yusum long wanwan steij.



Bifo yu statem risiliens asesmen, plis ridim gud bakraon infomesen seksen blong dokumen ia. Bakraon infomesen i tokbaot ol tingting mo mining we i kamaot long ol tul mo ol kaen samting yu nidim blong tingbaot taem yu asesem risiliens o mekem ol risiliens aktiviti.

FIGA 1: RISILIENS ASESMEN PROSES DAIAKRAM





OL TINGTING BLONG TREINA

Dokumen ia hemi gat bakgraon riding, ol asesmen tul mo ol tingting blong treina seksen we i givim ol adisenal tingting mo gaed abaot hao blong fasiliteitem ol difren asesmen steij mo tul. Sapos yu stap lidim risiliens asesmen proses, mekem o ranem ol miting, introkdaksen woksop o tijim ol narafila man blong folem proses ia, mekem sua blong ridim ol tingting blong treina. Olgeta yusa wea level blong olgeta i moa i save se ol infomesen ia i intresting tu, taem oli diskraebem ol semak jalens blong yusum ol tul mo ol wei blong tekem olgeta i ko dip insaed long ol materiel ia.

Olgeta patisipen wea bae i no ranem training i save skipim ol tingting blong treina from oli no nid blong save ol diteil we i stap long hao blong tijim ol tul mo yusum.

Blong lidim wan risiliens asesmen mo yusum ol tul ia, plis kipim long tingting se i no nid blong yusum evri tul ia. Sapos grup wea yu lidim i gat sam eksperiens finis wetem risiliens, bildimap long wanem yu gat finis. Be mekem sua se sapos yu mekem wok ia wetem wan kolisen, evriwan long hem i save mo i agri wetem infomesen wea yu gat i ko long asesmen.

Long developmen, ol tul ia mo risiliens proses wea olgeta i sapotem i bin introdus ikam long risiliens asesmen tim long wan 3 dei woksop. Long ol paelet woksop ol tingting blong fasilitetem wanwan tul mo wan eksampol agenda blong trening woksop i stap insaed long tulkit ia. Be introdasken woksop hemi no semak long asesmen mo yumi no mas miksimap tufala.

Wetem introdasken woksop, hemi gud blong tekem taem mo involvem ol stret stekholda blong wanwan step, mo finisim wok wetem wanwan tul wetem stekholda grup blong yu. Risiliens hemi abaot proses osem infomesen. Proses blog wok tru long tul tugeta hemi wan mein pat blong risiliens wok. Hemi help blong bildim ol rileisensip blong mekem ol risiliens aktiviti mo putum valiu mo skil wea wanwan patna i karem ikam long tebol.



OI TINGTING BLONG TREINA

Woksop long wan boks

Sipos yu disaed blong mekem wan introdaksen woksop yu save daonlodem wan woksop trening kit we i save sapotem woksop diliveri. Kit hemi gat:

- Wan agenda wetem fulap diteil;
- Ol pawa poen presentesen ;
- Ol fom blong gaedem mo rikodem ol woksop sesen.

Woksop long wan boks oli disaenem blong sapotem ol introdaksen woksop blong tulkit ia mo companion Kolisen Biding woksop. Sapos yu jusum, yu save daonlodem ol materiel nomo blong Risiliens asesmen tulkit . Be sapos yu no wok olsem wan kolisen be yu intres blong mekem ikam moa strong, lukluk ol kolisen biding materiel. Oli developem tugeta wetem risiliens asesmen tulkit mo woksop long wan boks materiel we i stap blong mekem tugeta tulkit.

Introdaksen woksop agenda

Ajenda andanit i soem hao risiliens asesmen tulkit ia wetem Kompanion Kolisen biding tulkit oli bin tokbaot long ol paelet komuniti long wan tri dei woksop. Introdaksen ia yumi no mas miksimap wetem taem mo hadwok blong mekem wan risiliens asesmen.

Woksop long boks i gat ful infomesen long agenda ia mo tu wan agenda blong introdaksen woksop we i kavremap Risiliens asesmen tulkit nomo.



OL TINGTING BLONG TREINA

KOMUNITI RISILIENS ASES MEN MO KOLISEN BILDING WOKSOP AJENDA.

- TUGETA ASES MEN MO KOLISEN
- RISILIENS ASES MEN TUL
- KOLISEN BILDING TUL

SESEN/TOPIK	TAEM	OBJEKTIF
Dei wan		
Introdaksen long woksop ia	1 haoa	Ol patisipen <ul style="list-style-type: none">• Save evriwan wea i stap long rum• Andastanem wanem paelot trening ia bae i givim• Andastanem wanem pipol bae ekspektem long woksop ia
Introdaksen long klaemet jens, risk mo risiliens (Bakraon infomesen)	1 haoa	Patisipen i andastanem: <ul style="list-style-type: none">• Ol infomesen abaot klaemet jens mo hao i save impaktem ol taon o nesen blong olgeta.• Difrens bitwin DRR, adaptesen mo risiliens.• Ol 5 kapital plus fremwok blong gavenans
Sistem blong map	1 haoa	Ol patisipen i luksave mo mapem ol mein eben sistem long taon wea i gat ol problem taem wea sok o stress i afektem olgeta.
Luksave ol interaksen bitwin ol mein eben sistem.	1.25 haoa	Patisipen i andastanem interaksen blong ol mein eben sistem olsem kakae, eneji, wota, komunikesen, transport o selta. Mo olsem wan smol distebens long ol sitem ia i save afektem ol pipol wea i stap long nid
Opsenel: Lanem blong luk ol sistem.	30 min kasem 2 haoa	Ol patisipen oli filim wan ril laef blong ol kritikal eben sistem mo luksave ol sistem ia(tru long wokbaot aotsaed long ples blong woksop mo fokus long wan sistem nomo o tekem wan longfala filtrip i ko aotsaed.



OL TINGTING BLONG TREINA

SESEN/TOPIK	TAEM	OBJEKTIF
Dei 2		
Dibrif Dei 1	15 min	Mekem sua se ol patisipen i filim i stret blong yusum ol tul wea i stap long kolisen.
Luksave ol sok mo stres	1haoa	Ol patisipen i save faiemaot ol sok mo stress mo putum long wan oda wanem olgeta i wantem blong adresem long risiliens bilding.
Mapem praeoriti sok mo stres	1haoa	Ol patisipen i mapem praeoriti sok mo stress risk hot spot long taon skel.
Andastanem hao ol sistem wea i no strong i save impaktem ol pipol	2haoa	Ol patisipen i disaedem hao ol praeoriti sok mo stres i afektem ol mein eben sistem. Mo hao ol mein sistem i save impaktem ol pipol wea i dipen long olgeta.
Manejem kolisen	1haoa	Ol patisipen i andastanem ol impoten agrimen wea ol gudfala kolisen i mas mekem.
Risiliens aksen tru ol skel	1haoa	Ol patisipen i andastanem ol wei naoia blong bildimap risiliens tru long lokol, taon mo bigfala skel wea i semak long top 3 sok mo stres.
Dei 3		
Dibrif Dei 2	15 min	Mekem sua se ol patisipen i oraet blong yusum ol tul wea i stap long kolisen: Andastanem ol sistem, taemlaen/sinario analisis mo tingbaot lokol situesen.
Stekholda maping	1.25haoa	Ol patisipen i gat wan klia andastanding blong wij okanaesesen mo grup i nid blong involv long kolisen blong adresem ol praeoriti sok mo stress long ol difren skel, antap i ko daon mo long saed.
Manejem kolisen- rol plei	1.5haoa	Ol patisipen i andastanem ol impoten agrimen wea ol gudfala kolisen i nid blong mekem.
Gudfala praktis blong wok tugeta	1haoa	Patisipen i andastanem ol tingting mo praktis blong wanwan okanaesesen wea i mekem ol gudfala rileisensip.
Ol profael bifo, naoia mo long fiuja	1haoa	Mekem wan visen blong ol posibol fiuja wea i stap long developmen mo klaemet paten, tokbaot from wanem wan risiliens apoj hemi gud mo praktisim sitem analisis.
Rod map	1haoa	Ol patisipen i stat blong luksave ol speis long risiliens mo opotuniti. Olsem wan woksop opotuniti, mekem wan rod map wea i kavremap komuniti risiliens asesmen mo proses blong bildimap kolisen.

BAKRAON INFOMESEN

Risiliens

Wan stratejik praeoriti blong Red Kros mo Red Kresen hemi bildimap ol strong mo resilient komuniti, ol komuniti wea i save adresem ol evridei stres tu olsem ol sok. Intenasanal federesen blong Red Kros mo Red Kresen sosaeti (IFRC) hemi tokbaot risiliens olsem:

... wei wea wanwan man o woman, komuniti o okanaesen o kantri wea i stap long risk blong disasta o kraisis i save daonem ol impak, ko tru mo rikava long ol ifekt blong had taem mo i no givim ol prediksen wea bae i save hapen long taem.²

Risiliens i olsem wan toktok wea yumi yusum naoia, espeseli olgeta wea yumi yusum long adaptesen mo disasta risk ridaksen (DRR) wok. Be risiliens i difren from se hemi givim wan wei blong rispon mo ko tru long ol samting wea yumi no sua long hem. Hemia wea yumi no ekspektem mo plan from. Risiliens i kavremap ol mein elemen blong disasta risk ridaksen, long tem rikavari, adaptesen, mo daonem ol nid (hemi save kavremap sam wok wea yu mekem finis o stap mekem long adaptesen mo DRR).

Eim blong bildimap risiliens hemi blong daonem ol impak blong sok mo stres blong leftemap abiliti blong pipol blong aksesem mo yusum ol risos, kritikal seves mo infomesen blong mekem laef i kam moa gud.

Sok: wan iven wetem wan klia stat mo en. Sok i tekem ples long fiu manis mo i no save ripit. Wan flad o tsunami hemi eksampol blong sok wea i happen kwiktaem. Wan drae taem hemi wan eksampol blong wan sok wea i happen sloslo.³

²IFRC Framework for Community Resilience, 2014. International Federation of Red Cross and Red Crescent Societies, Geneva, Switzerland.

³ Enhancing Resilience to Shocks and Stresses, ACF-International, April 2013. Prevention Web.

Stres: wan presa o kondisen wea i kontinu. Spolem envaeromen (olsem katem daon ol tri), isiu long saed blong politik, o ol helt isiu hemi eksampol blong ol stress.⁴

Sistem⁵: hemi wan set blong interaksen o intedipenden pat wea tugeta i mekem wan ful samting wea yumi save luk. Hemi samting wea yumi mas bildim olsem wan niu sistem blong paipem ol toti wota, rod sistem o wota sistem. Ol eksampol blong ol samting wea i no fisikal i kavremap faenansel sistem o gavenans sistem.

Bildimap risiliens blong sok mo stres i kavremap:

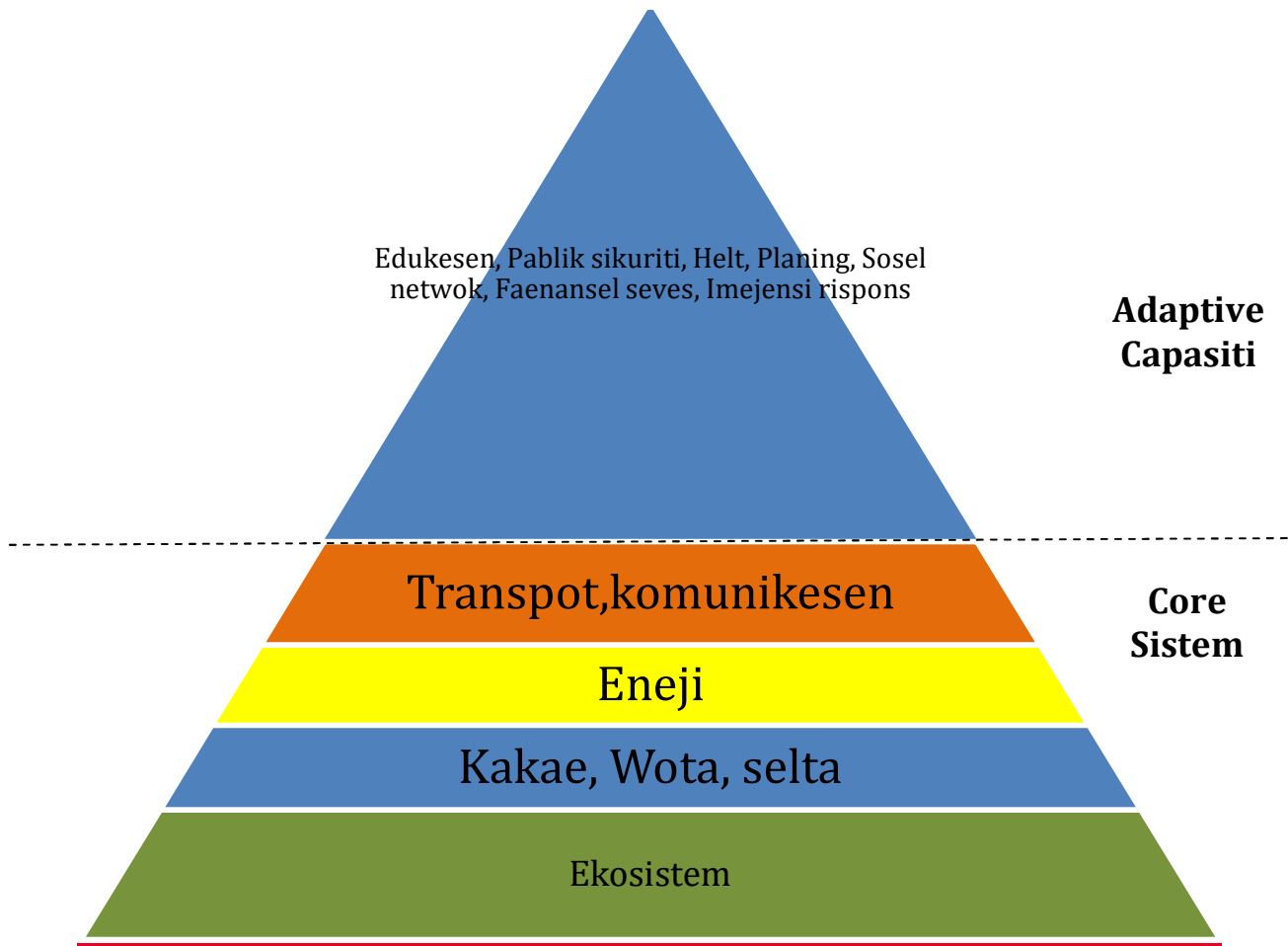
1. **Mekem ol mein sistem i kam moa strong:** Pipol i dipen long fulap sistem blong laef mo folem laeflihud blong olgeta. Ol sistem ia i kavremap wota, kakae, elektrik, komunikesen mo transpotesen. Mekem sua se ol kritikel sistem i ron long taem blong sok mo stress blong mekem se wanwan man, komuniti mo taon risiliens i kam antap.
2. **Leftemap akses long ol mein sistem:** Provaedem wan gudfala akses long ol kritikel sistem blong mekem risiliens i kam antap. Ating hemia i nidim ol sistem wea i ekstend long ol eria wea i no gat long hem, jensem ol loa abaot hu i save gat akses long ol sistem ia o jensem ol sosel tingting raon hu hemi alao blong yusum sistem ia.

Bilidimap risiliens hemi gud long evri situesen wea pipol i no sua mo i had blong mekem plan- wan eksampol blong adresem klaemet jens, political instability, populesen i gro i ko antap, iekonomik instability. Be hao nao bae yu plan sapos yu no save wanem blong plan from? Hemi wea sistem tingting i save help. Sistem tingting hemi wok long ol situesen wea yumi no save ol problem o solusen. Sistem tingting hemi kombaen wetem risiliens plan wea i stopem ol solusen o rispon wea i ova. Hemi alaoem man blong lanem samting mo gat fulap kwesten.

⁴ Ibid.

⁵Wan sistem hemi fomol, yu save luksave, saplae. Infomol A sistem may be formal, officially recognized, supplied or regulated, or informal, emergent from local demand without official knowledge or recognition.

FIGA 2: EBEN SISTEM



Sistem tingting

Ol pipol wea i stap long eben eria i dipen long ol sistem blong mitim ol nid blong olgeta bitim ol piol wea i stap long rural eria. Long wan taon, wota, kakae, eneji, transport, komunikesen mo selta i gat wan netwok blong ol plana, bilda, mo maneja wea i givim aot. Mo involvem ol pablik mo praevet sekta rol mo institusen. Wan netwok blong loa, sosel tingting mo polisi i kontrolem akses. Fulap komuniti i no gat akses long ol fomol sistem. Hemia from praes blong hem, ol loa, wanem wea i gat mo ol polisi mo sosel tingting. Ol komuniti ia i stap long rsik blong sok mo stress. Hemi impoten blong rimemba se fulap long ol impoten sistem i infomol, gat bigfala plan mo strong long ol sok mo stres. Mo tu, ol sistem i no jas ol fisikal infrastrukja be tu ol proses wea i gaedem ol aksen mo fasin.

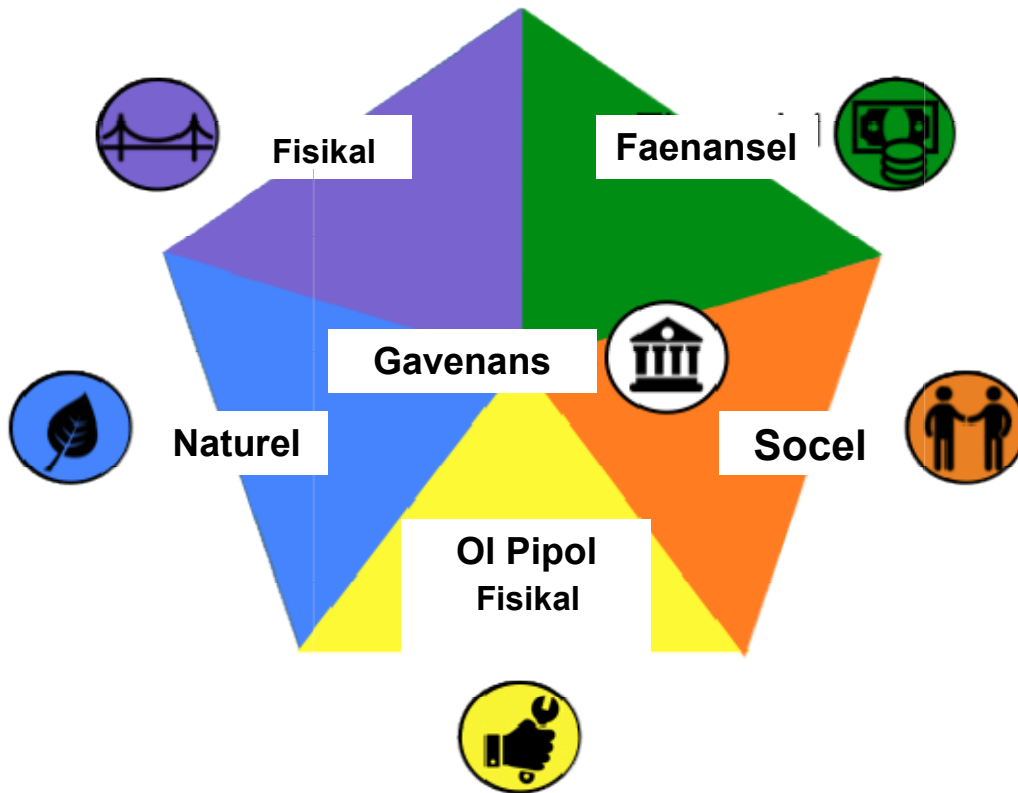
Ol infomol sistem i save dipen long manejmen mo gavenans sistem wea i no setap blong adresem sok mo stress, o mentenans blong long taem.

Fig 2 i soem sam sistem, fomol o infomol wea pipol i dipen long hem. Ol sistem daon long triangle hemi ol mein sistem, sapos i no gat ekosistem (riva, karen, bus), kakae, wota mo selta, bae pipol i no save laef. Long ol taon, eneji, transport mo komunikesen pipol i nidim blong sapotem evridei laef blong olgeta mo laeflihud blong olgeta. Sistem antap hemi develop olsem rispons long ol developmen nid mo kondisen wea i stap jenis- i mekem ol laeflihud blong naoia hemi posibol.

Blong mekem se eben envaeromen i resilient, yumi nid blong andastanem ol mein sistem, ol pis wea i mekem ap sistem mo hao sistem i konekt mo dipen long narafala sistem blong wok (olsem nidim transport sistem- rod mo trak- blong saplaem kakae) Sistem tingting hemi helpem yumi blong mekem hemia. Sistem tingting yumi save aplaem tu long ol difren skel, long haos level mo komuniti kasem taon, rijinal, nasanal mo intanasanal level.

Evri sistem wea i stap long triankel i dipen long ol mein sistem blong ron, i kavremap ol mein sistem wea i dipen long olgeta wanwan blong ron. Wan impak blong wan sistem i save gat fulap impak mo i kosem felia long narafala sistem. Wan eksampol hemi felia long eneji sistem i save kosem wan lus long komunikesen, elektric pawa transpot, ol laet, pam blong fuel mo wota, etc.

FIGURE 3: THE FIVE CAPITALS + GOVERNANCE FRAMEWORK SYSTEMS



Hemi impoten blong bildimap risiliens blong andastanem:

- Wea ol sistem i no strong
- Hao ol sistem i konekt long olgeta
- Hao ol wiknes long wan sistem i save afektem ol narafala.

Ol faev kapital⁶ + Gavenans fremwok wea i stap long figa 3 oli yusum long tul set ia blong helpem ol patisipen blong luk ol difren pat blong wan sistem. Hemi ol had sistem wea i isi blong andastanem taem yu divaedem mo luk wanwan pis long wan taem.

Ol mining blong Kapital long fremwok hemi:

- **Naturel Kapital** — naturel risos wea i save mitim ol nid blong laeflihud mo narfala nid. Eg:wota, ol bus);
- **Ol pipol Kapital** — Edukesen, save, skil, helt blong pipol;

⁶DFID, 1999, <http://www.eldis.org/vfile/upload/1/document/0901/section2.pdf>

- **Fisikal kapital** —ol samting wea iekonomik aktiviti long narafala capital i mekem olsem infrastrukja, ekwipmen, laefstok, etc.
- **Faenansel Kapital** — Inkam sos mo narafala faenansel risos wea i mekem man i rij.
- **Sosel kapital** — Ol sosel rileisensip mo netwok wea i helepm kopretiv aksen, koneksen wea i sapotem eksjens blong mo akses long ol risos, sosel tingting mo valiu.
- **Gavenans**— ol loa, polisi mo fomol mo infomol rul mo sosel tingting, political mo pawa strakja.

Seksen ia hemi wan instraksen long sistem tingting so yu no wari sapos yu no andastanem. Map sistem mo andastanem sistem tul long wokbuk ia bae helpem yu blong lukluk i ko moa insaed long ol sistem long taon blong yu mo fainem wei blong mekem risiliens i ko antap.

Ol adisenal risos

Sipos mein tingting blong risiliens mo sistem yu save finis mo yu wantem luk i ko moa long narfala infomesen, ol risos andanit i wan gudfala stat poen.

- Stockholm Resilience Center. Applying resilience thinking: Seven principles for building resilience in socio-ecological systems. <http://www.stockholmresilience.org/download/18.10119fc11455d3c557d6928/1459560241272/SRC+Applying+Resilience+final.pdf>
- Pandit, A. & Crittenden, J. C. 2015. Resilient Urban Systems: Where wea stand now and where wea need to go. <http://www.resilience.org/stories/2015-04-24/resilient-urban-systems-where-we-stand-now-and-where-we-need-to-go/>
- Da Silva, J., Kernaghan, S., & Luque, Andrés. 2012. A systems approach to meeting the challenges of urban climate change. International Journal of Urban Sustainable Development 4(2), 125-145. http://resilient-cities.iclei.org/fileadmin/sites/resilient-cities/files/Resilient_Cities_2012/Digital_Congress_Proceedings/IJUSD_Article_-_da_Silva_Kernaghan_Luque_2012_A_systems_approach.pdf



OL FAEV KAPITAL MO GAVENANS FREMWOK LONG AKSEN

Taon elektric saplae sistem i kavremap:

- Natural Kapital: kol, gas, wota blong haedropawa, win mo bigfala emti fil blong kasem, pawa blong san, mo ol samting olsem baeo fuel.
- Fisikal kapital: sola panel, win mil, pawa plan, dam, resevwa mo haedro pawa plan, pawa laen mo transfoma;
- Ol pipol kapital: elektrikel utiliti man blo wok, maneja, ona mo kastoma, wanwan haos we i putum sola panel long ruf blong olgeta mo pipol oli dipen long hem blong instolem mo mentenem sitem ia blong olgeta;
- Faenansel kapital: i nidim blong bildimap, manajemen mo mentenem ol fisikal kapital pat blong sitem, mo yusum ol man blong wok mo pem olgeta;
- Sosel Kapital: Hao pipol i tingting long seves ia, oli trastem o nogat, seves ia hemi tritim gud ol kastoma, komuniti i gat ol koneksen wea oli nidim blong gat akses long mani long gavman blong mekem wan smol haedro sistem mo;
- Gavenans: Ol rul, loa mo polisi wea pipol i manajemen mo aksesem elektritaon. Wan eksampol hemi blong mekem seves ikam moa gud o blong jensem long wan wei we i nidim gavman o otoriti blong apruvum.

Hemi no wan ful list blong evrisamting we i mekem ap elektric saplae blong taon mo sistem blong distribusen, jas sam eksempol blong mekem yu stat blong tingting.



FAEV KAPITAL MO GAVENANS FREMWOK LONG AKSEN.

Hemi wan narafala eksampol lukluk long sistem blong ol haos:

- Naturel Kapital: graon blong bild long hem, akses long wota;
- Fisikal kapital: wud, materiel blong briks o siment, materiel blong ruf, akses long kakae, eneji mo narafala sistem long selta lokesen blong yu;
- Ol pipol kapital: save, ol skil blong ona blong haos, man we i rent, ol bilda, seves provaeda (likal, ilikal, fomol mo infomol), plana blong olgeta wea yusum graon, hasad map staf, bild kod enfosmen blong disaen, bildim mo mentenem haos;
- Faenansel kapital: Ol lon peimen, etc we i nid blong bild, manejem, mentenem ol haos, mani blong pem ol bilda, mani blong pem o rentem graon, mani blong insurens blong haos;
- Sosel kapital: i afektem hu i save bild wea, hu i gat akses long self selta lokesen mo inogat, hu i save onem graon mo hu i no save, hu hemi risilient long infomol mo/ o ilikal seves mo hu i save aksesem fomol likal seves, mo
- Gavenans: ius blong graon mo rekulesen mo enfosmen, enfosmen blong lis blong graon, ol kod blong bild, kaljaral tingting we i akfektem hu i **save** be **hu i liv** wea.

Plan from wan fiuja wea yu no sua long hem.

Long bildimap risiliens, taem wea yu luksave wanem sistem yu fokas long hem long bildimap risiliens, neks step hemi blong disaedem yu bildimap risiliens long wanem-eksampol flad, tsunami, dengi- mo yu bildimap risiliens blong hu. Hemi minim se yu disaedem wanem sok mo stress yu wantem risiliens blong hu blong kavremap mo bae risiliens aktiviti i benefitim hu ia. Hemi impoten blong tingbaot se taem yumi bildimap risiliens bae i lid i ko long ikwiti, be i no sud mekem inikwiti. Ol solusen blong risiliens i no save benefitim evriwan long komuniti. Hemi impoten blong tingbaot se ol aksen blong risiliens i no save mekem inikwiti i ko daon. Hemi save mekem inikwiti i ko antap sapos yu no tingbaot hu bae benifit long ol aksen ia.

Taem yu stat blong lukluk long wanem mo blong wanem, bae yu luk se bildimap risiliens blong wan grup o iven hemi gat fulap jalens from fisik al sosel, iekonomik mo political proses mo ristriksen. Ol proses blong jens olsem pipol i muv i ko long taon, populesen, klaemet jens, ebenaeses en mo divelopmen i minim se fuija bae i dfiren long taem naoia, mo wanem bae hapen long fuija yumi no sua long hem.

Long risiliens asesmen blong yu bae yu mas adresem ol difren jens proses wea i afektem komuniti mo taon. Tufala impoten jens proses wea i afektem komuniti mo taon risiliens long wol hemi klaemet jens mo ebenaeses en. Yusum ol sistem tingting blong divelopem risiliens aksen blong tingbaot klaemet jens mo ebenaeses en bae helpem yu blong luksave ol opotuniti wea yu save yusum tudei mo long fuija wea yu no sua long hem.

Ebenaeses en

Long 2014, 54% blong populesen blong wol hemi stap long eben eria, mo muvmen blong pipol long rural eria i ko long eben eria bae i kontinu. Long 2050, 66% blong populesen blong wol bae hemi stap long eben eria⁷. Gro blong ol taon nem blong hem ebenaeses en hemi mekem bigfala sosel, iekonomk mo envaeromen jens. Ol jens ia i save benefitim ol pipol be i save mekem risk blong pipol i ko antap tu.

Ebenaeses en i mekem risk i ko antap from se:

- Long fulap taon, ol bigfala gro i happen long ol hae risk eria- wan eksampol hemi ol ples wea flad i hapen long hem, ol ples wea lanslaed i afektem, ol eria wetem hae

⁷ United Nations, <http://www.un.org/en/development/desa/news/population/world-urbanization-prospects-2014.html>.

risk blong faea. Taem ol eria ia i develop namba blong pipol wea sok i save kasem olgeta i ko antap.

- Fulap gro blong eben eria hemi infomol, mo sistem blong selta, kakae, wota mo pawa long ol infomol eria i no strong oltaem mo hemi mekem stress i ko antap mo sistem i no ron gud.
- Taem graon insaed mo raon long ol taon i gat divelopmen, oli spoelem ekosistem. Divelopmen i daonem speis blong wota mo i lid i ko long flad. Ol jens long graon i mekem lanslaed i ko antap taem i gat hevi ren. Oli yusum graon wota mo wota i no naf mekem se wota kwaliti i ko daon. Hemia i mekem ol kronik stres i ko antap mo i save nekem sok tu.
- Muvmen blong pipol i ko long ol taon hemi mekem se i gat ol difren man mo sosel koneksen i no bigwan, mekem se i gat ol sosel problem.
- Ol niufala pipol wea i muv i ko long eben eria i no gat sosel netwok wea oli bin gat bifo blong sapotem olgeta mekem se akses blong ol risos i ko daon mo oli no save rispon long ol sok mo stres from niufala kondisen blong stap long hem.
- Ol niufala pipol wea i muv ino save gud ol hased wea oli fesem so taem i gat sok, oli no gat kapataon blong rispon long ol sok ia.

Sipos yu wantem bildim risiliens, hemi impoten blong tingbaot ebenaesesan from se hemi afektem akses blong sistem, wanem sistem oli save aksesem, sapos ol sistem ia i wok gud. Ova long taem ebenaesesan i save jens o bitim ol sistem wea pipol i dipen long hem. Wan eksampol taem oli bildim niufala rod hemi save afektem drenej mo jens taem i gat wan flad.

Klaemet Jens

Klaemet Jens hemi afektem evri ples long wol, mo pipol i filim impak long lokol, nasanal mo intenasanal skel. Yumi no sua se wanem kaen impak blong klaemet jens bae stap wea ples. Klaemet jens bae i no tekem ples blong weta naoia mo kam niufala nomol weta, be bae weta i wokem jens. Bae inomo gat nomol weta. Hemi minim se yumi no save dil wetem klaemet jens mo liv wetem sam jens wea yumi ekspektem. Yumi mas bildim risiliens long ol niufala kondisen wea oli save jens enitaem mo wea yumi no sua long hem.

Klaemet jens hemi wan problem blong ol taon. Ol infrastrakja oli bildim blong i save ko tru difren klaemet mo hased mo ol ki risos (kakae, wota). Klaemet Jens i mekem se ol hased bae i ko antap mo jensem ol risos wea i stap. Hemi minim se taem yu oraet

bifo, i no minim se bae yu oraet long fiuja. Mo spos yu gat wan problem wetem klaemet naoia, bae hemi kam wan bigfala problem long fiuja.

Oi adisenal risos

- Building Resilience to Climate Change: Adaptation Technical Resources. Asian Development Bank. <https://www.adb.org/publications/building-resilience-climate-change-adaptation-technical-resources>
- We Adapt Climate Adaptation Portal. <https://www.weadapt.org/subject/climate-adaptation-portal>

OL IMPAK BLONG OL FIUJA KLAEMET JENS

Igat fulap infomesen i stap long ol impak blong klaemet jens. Be fulap long hem i adresem ol jens long rijin mo long wol. Oli presentem long wan wei wea hemi no isi blong olgeta we i no saentis blong yusum (ol samtng olsem avrej sisenal tempreja wea i ko antap, taem wanem ol komuniti i nid blong save hemi hamas namba blong ol dei we i hot bae jens) mo hemi presentem ol jens long tempreja, ren we i foldaon, moa ating level blong solwota wea i ko antap be i no tokbaot wanem ol impak blong ol jens ia.

Wanem yu nidm blong tingbaot abaot risiliens hemi wanem kaen jens komuniti o taon blong yu i save ekspektem mo wanem impak blong ol jens ia. Bae yu wantem sam moa infomesen be blong stat hemi simpol. Andanit long list i gat infomesen yu nidim blong stat tingbaot abaot klaemet jens risiliens.

- Bae tempreja i ko antap. Bae hemi putum stres long ol krop mo infrastrakja. Hemi save mekem diman blong pawa i ko antap. Tempreja blong wota i ko antap wea hae tempreja blong ea i kosem, long ol riva, strim mo solwota bae hemi impaktem ol fis mo spolem korel mo ol rif I nomo strong.
- I gat difren kaen tempreja wea bae ko antap. Bae hemi putum stres long pipol mo ol krop mo save kosem hae pawa diman mo spolem pawa.
- Ren wea i foldaon i save ko daon o ko antap, mo taem blong ren bae hemi difren. Wan eksampol sisen blong ren bae yumi nomo talem se bae hapen wanem taem.
- Bae amaon blong ren i ko antap. Hevi ren bae mekem flad mo bae hapen oltaem.
- Ren taem bae ko antap. Ol drae taem bae ikam moa drae mo ol sisen blong ren bae gat fulap ren. Difren long ren long wanwan yia hemi save ko antap. Ol jens long ren mo tempreja i save kosem ol jens long aotbrek blong sik mo ol pest.

OL IMPAK BLONG OL FIUJA KLAEMET JENS

- Ol rod blong saeklon i save jens mo i save kam moa strong.
- Level blong solwota i ko antap mo spid blong ko antap i kam antap tu. Bae hemi ko antap long 1 mita long 2100.

Wan long ol gudfala wei blong tingbaot klaemet jens hemi blong lukluk taem weta ikam wan problem, mo tingbaot se bae problem ia ikam antap long fiuja. Bae i gat ol niufala problem wea klaemet jens i kosem be fulap long ol problem ia bae i hapen oltaem, mo i bigwan long ol samting wea yumi ko tru long hem finis.

Mekem Risiliens i I kam wan samting wea yumi save luk

Wanem i bildimap kapaciti blong pipol blong dil wetem jens? Hao nao yu save wanem i mekem ol sistem i risilient moa? Fulap risiliens fremwok i luksave ol ki kwaliti blong okanaesesen, sistem o komuniti wea i mekem olgeta i kam moa risilient. Andanit i gat ol karektaristik blong risiliens. Sapos yu tingbaot ol samting ia taem yu stap disaenem prokram, yu gat simpol tingting wea i save talem wanem kaen intevensen bae hemi bildimap risiliens.⁸

KWALITI	HEMI MINIM WANEM	OL EKSAMPOL
Hemi fleksibol	Abiliti blong mitim ol nid taem ol kondisen i jens.	<ul style="list-style-type: none"> • Igat fulap evakuesen rod long disasta mo i no wan nomo. • Igat ol komuniti senta wea yumi save yusum olsem flad senta taem i gat nid blong hem. • Staf i kasem fulap trening blong okanaesesen i kontiniu blong wok taem sam staf i no save wok. • Igat moa man blong pem ol prodak blong Karen o salem ol kakae long karen o animol long hem.
Hemi daeves	Ol difren pat blong sistem i no semak, ol difren samting i mekem ol semak wok.	<ul style="list-style-type: none"> • Ol staf i gat ol difren skil • Ol fama i planem difren kaen kakae long karen. • Ol famli i gat ol difren kaen inkam sos long ol difren ples (long taon o narafala ples).
Taem hemi finis	Ol sistem i gat bakap opsen taem ol samting i ko rong, ol sistem i gat ol indipenden pat i mekem ap mo spos wan pat i no gud sistem i no brok daon.	<ul style="list-style-type: none"> • Wan vilij i gat fulap wota sos spos wan i drae o i gat kontaminsesen i gat narafala wan. • Ol fama i kipim animol long ol difren ples wea difren pipol i lukaotem. • Wan taon i gat moa bitim wan ples blong tritim wota. • Hospital i gat wan bakap jenereta.

⁸ This table is adapted from Chris Allan and Karen MacClune, "Reducing Risk and Building Resilience to Disasters and Climate Change," Portland, Mercy Corps, December 2014.

KWALITI	HEMI MINIM WANEM	OL EKSAMPOL
Igat ol risos (faenansel risos, save, infomesen, etc.)	Save mo tingting blong finisim ol wok.	<ul style="list-style-type: none"> • Wan taon o vilij i gat ol faenansel risev, teknikal save mo save blong putum tugeta mo ranem wan seif wota sistem. • Lokol otoriti i save karem mani mo putum bak blong ribildim infrastrakja. • Ol komuniti i save hao blong opereitem eli woning sistem blong olgeta, mo hao blong konekt long nasanal level sistem.
Konekt tru long fulap rileisensip	Pipol mo okanaesesan i kam pat blong ol netwok.	<ul style="list-style-type: none"> • Wanwan man mo woman i konekt wetem ol neiba, famli, lokol gavman ofisel mo ol pipol long wei olsem ol narfala vilij, taon o kantri. • Ol bisnes i save fulap saplaea iven sapos oli no wok wetem olgeta evritaem. • Gavman i gat ol rileisensip wetem ol NGO seves provaeda wea i save kam tugeta kwik taem long taem blong disasta.
Seif Feilia	Sistem disaen blong hem i feil long ol wei wea bae no mekem sam moa disasta.	<ul style="list-style-type: none"> • Bildim ol dam wetem ol spilwei blong i givimaot ekstra wota mo no gat damej. • Insurens blong ol kakae long karen wea ol fama i karem sapos ol kakae long karen i nogud. • Ol flad bank i brok blong mekem se flad wota i save ko long ol fil mo no save riskim wan bigfala damej.
Abiliti blong lanem samting	Pipol i mekem ol jens blong mekem situesen blong olgeta i kam moa gud. Ko long foret mo no kambak bihaen.	<ul style="list-style-type: none"> • Pipol i yusum ol sistem blong mekem karen blong olgeta blong dil wetem ol jens blong weta tru long jens long taem blong planem kakae, putum wan sistem blong wota, mo planem fulap kaen kakae semtaem. • Afta wan disasta, ol enjinia i ripereim ol brij mo rod mo mekem i kam moa strong bitim bifo. • Igat ol opotuniti blong pablik mo praevet grup blong toktok open mo lanem abaot o iven blong disasta.

KWALITI	HEMI MINIM WANEM	OL EKSAMPOL
<p>Transperen, Akaontebol mo risponsiv blong mekem disisen.</p>	<p>Sosel disisen i klia mo fea, tingbaot ol wei blong pawa long komuniti mo ol pua man mo olgeta wea i stap long nid.</p>	<ul style="list-style-type: none"> • Yius blong kraon regulesen wea i tokbaot fea kompensesen blong kraon blong karen o ristriktim wea nao yu save bild long hem. • Ol grup blong woman, narfala ples o rilijes grup, olfala, disability wea oli no pat blong mekem ol disisen.

Wan aotkam blong yusum tulkit ia hemi niufala awenes blong indedipendens blong eben infrastrakja, ekosistem mo laeflihud blong pipol mo ol rul wea i luakotem hao ol pipol i wok wetem ol sistem blong aksesem ol seves. Tulkit ia bae helpem ol pipol long komuniti blong luksave ol nid wea yu save luk nomo wetem wan ae blong taon blong helpem ol stekholda blong andastanem ol mein jalens long komuniti level.

Tru long niufala awenes ol patisipen long eksesaes ia i save luksave niufala projek aktiviti wea i save helpem blong mekem risiliens i kam antap long komuniti mo taon. Ol aktiviti woksit wea yumi fulumap taem yumi mekem ol aktiviti long en blong tulkit ia bae hemi kam wan rod map blong helpem pipol blong fokus long ol ki aktiviti blong bildimap risiliens mo tokbaot from wanem ol aktiviti ia i mas hapen. En risalt bae hemi ol tingting blong aksen blong mekem risiliens i kam moa gud long komuniti mo taon.



OL TINGTING BLONG TREINA

Ol patisipen i nid blong ridim mo andastanem bakraon infomesen blong ol woksop tul blong hemi ko gud. Sapos yu no ting se bae pipol i ridim infomesen, tingbaot blong lukluk long hem bakeken olsem wan pat blong miting o woksop sesen. Pawa poen fael long woksop long wan boks hemi kavremap ol slaed blong daarektem ol patisipen tru long infomesen wea i stap long bakraon infomesen seksen blong dokumen ia.

Wan long ol pawaful wei blong sapotem wan grup blong lanem bakraon infomesen- wea hemi ol niufala tingting hemi blong putum long ol tingting blong olgeta. Enkarejem ol patisipen blong tokbaot wanwan tingting mo givim ol eksampol long ol laef blong olgeta blong mekem se ol tingting i kam moa ril. Ol kwesten andanit i save helpem yu statem wan storian.

Ol diskasen Kwesten

1. Wanem i stap jens long taon o komuniti blong yu?
2. Hao nao ol proses ia i stap afektem yu naoia?
3. Yu save hao ol jens ia i save afektem ol taon mo komuniti 10 yia i ko o 20 yia i ko o 50 yia i ko?
4. Wanem kaen aksen yu save statem naoia wea i save helpem yu blong dil wetem ol jalens naoia mo long fiuja?

Ol mein lesen long bakraon infomesen.

1. Bildimap risiliens i save help blong daonem ol impak blong sok mo stres taem pipol i no sua. Ol proses blong jens olsem klaemet jens mo ebenaesesen i save kosem.
2. Bildimap risiliens i nidim wan fokus long sistem wea pipol i gat akses long hem mo yusum blong mekem laef mo laeflihud blong olgeta ikam moa gud.
3. Sistem tingting i save help blong fainemaot ol poen blong ko insaed blong bildimap risiliens. Ol pat blong sistem yu save tingting long hem long faev capital mo gavenans.
4. Bifo yu save bilidmap risiliens, yu nid blong luksave long wanem mo blong hu yu stap bildimap risiliens from.

RISILIENS BLONG WANEM: LUKSAVE OL SISTEM

Eim blong luksave ol sistem hemi blong:

1. Andastanem ol sistem long taon blong yu. Ol sistem i givim ol kritikal seves wea pipol i dipen long hem blong laef mo laeflihud blong olgeta. Hemi impoten blong talem wij sistem ol pipol i dipen long hem.
2. Luksave ol sistem wea i givim ol ki seves afta wan stres o sok, wea i gat distebens long laeflihud mo nidim long tem rikavari.

Pat blong wei ia i lukluk long risiliens blong wanem mo luksave ol mein sistem wea i sapotem risiliens long komuniti mo taon blong yu. Luksave ol mein sistem hemi help blong putum praeoriti lo ol kaen risiliens aktiviti we i nidim blong tekem ples mo i fokus long hu i nid blong kam pat blong kolisen long ko fowod. Ol samting ia i impoten from ol sistem yu mas manejem mo blong yusum ol sistem ia hemi pat blong hadwok blong risiliens. Taem yu karem tugeta ol stekholda wea i pat blong wanwan sistem hemi isi blong plan mo karemaot ol aktiviti long risiliens sistem. Mo mekem sua se risiliens aktiviti i hapen olsem wan pat blong bigfala risiliens strateji.



Tul: Ol sistem blong map

Hemi wanem, From wanem yu mekem. Wanem yu karem long hem?:

Long ol eben envaeromen pipol i dipen long ol sistem long evridei laef. Luksave ol risk, bildimap risiliens blong ol sistem long ol risk ia mo mekem akses blong ol sistem ia i ko antap hemi wan gudfala wei blong bildimap risiliens.

Mekem map hemi wan wei blong lukluk wea ol sistem, ol nid mo risk long komuniti i stap. Ol map yumi save yusum blong soem lokesen blong helt klinik, skul, wota sos mo selta o blong luksave ol ples wetem ol risk olsem ol eria wea i save flad, o ol ples wea i dil wetem ol helt hased. Oli save soem tu ol ples wea pipol i no gat akses long ol samting olsem wota wea i kamaot long paep, netwok blong fon, o wea i gat fulap ilikal elektrikel koneksen- ol samting wea i save minim se ol pipol wea i liv long wea i stap long nid. Map i save helpem pipol blong andastanem ol had rileisensip mo i mekem i isi blong komperem infomesen. i save helpem yu blong andastanem mo telemaot ol risiliens isiu insaed long komuniti.

Long aktiviti ia, bae yu mapem ol mein eben sistem wea pipol i dipen long hem. Fokas long ol sistem wea i save no gud o gat problem mo ol problem ia i save afektem laef blong pipol long wan wei wea i no stret.

Taem wea yu nidim:

2 haoa

Ol materiel wea yu nidim:

- Wan pis blong flip jat pepa blong wanwan 5 kasem 8 pipol.
- Difren kala maka (8 kala, wan set blong maka long evri 4 kasem 6 pipol)
- Ol stika not long difren kala
- Opsenal: fulap kopi blong bigfala map blong taon blong dro antap o treisem.

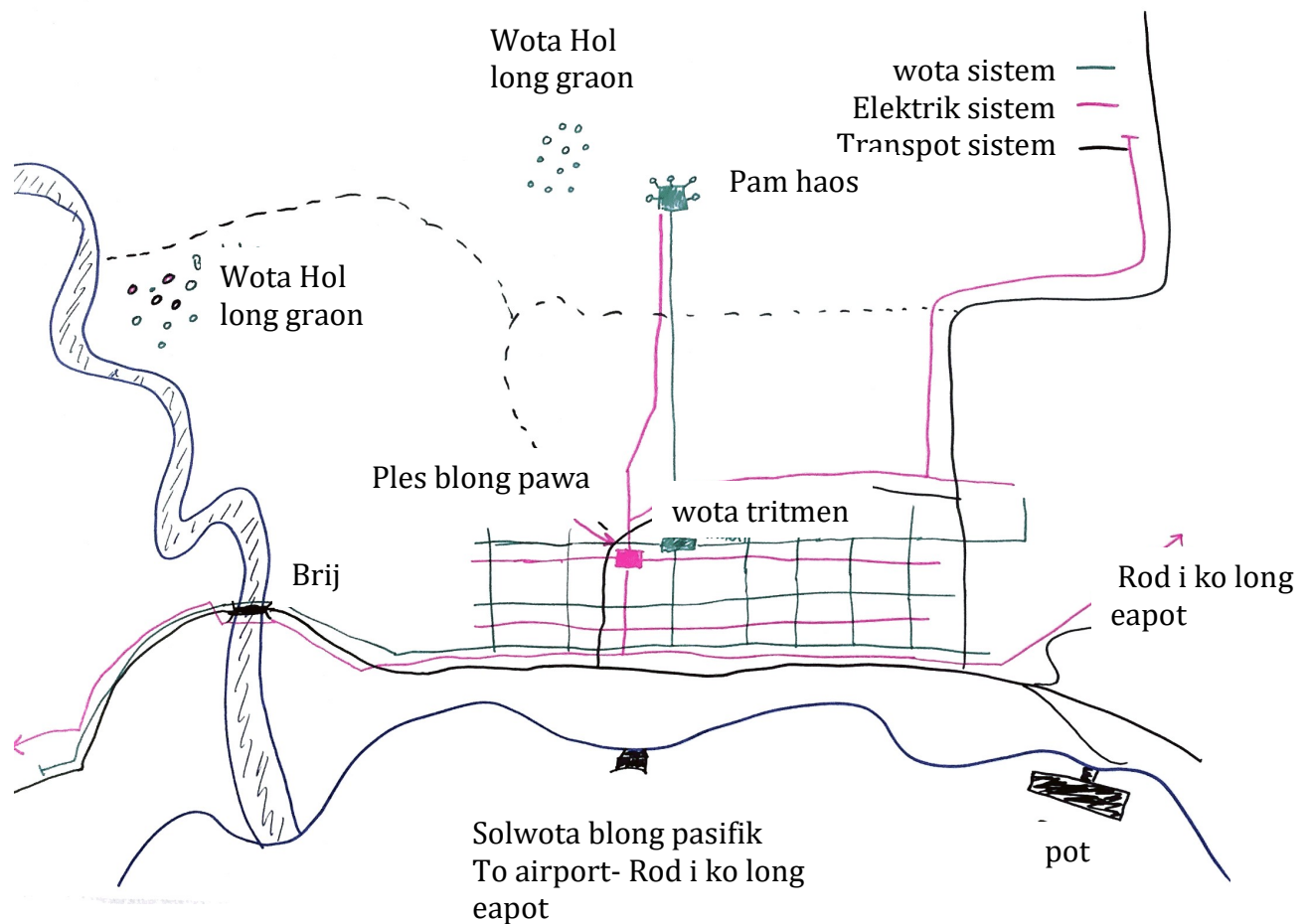
Ol step:

1. Olsem wan grup, faenemaot ol mein eben sistem blong yu. Hemi kavermap wota, selta, Sanitesen, pawa, transpot, Helt kea o komunikesen. Wanem sistem i moa impoten bae dipen long lokol kondisen mo ol kaen problem wea komuniti i fesem. Ful grup i sud agri long wanem sistem bae yu yusum blong map. Raetem daon long Risiliens Asesmen Woksit 1.
2. Ko long ol smol grup wetem 5 kasem 8 pipol long wanwan grup.
3. Wanwan grup i save droem wan map blong taon o wok wetem wan map wea i stap finis.
4. Adem long map blong taon ol eben sistem yu agri long hem long step 1. Droem wanwan sistem long wan difren kala. i no nid blong putum evri pat blong evri sistem, yu putum olsem wan eksampol sapos transpot sistem yufala yusum, Faenemaot ol impoten rod long taon, ol bigfala rod wea i ko insaed mo ko aotsaed long taon mo eni rod wea i save mekem problem.
5. Kambak tugeta olsem wan bigfala grup mo tokbaot ol kwesten andanit.
6. Sapos i nid (ol map wea difren grup i droem bae i difren mo wanwan grup bae tokbaot wan niufala andastand blong wanem pat blong sistem i moa impoten blong sam long map, mekem wan niu kiln map wea i soem ol sistem mo ples wea grup i agri long hem.
7. Sevem ol sistem map blong yu from bae yu yusum bakeken.

Ol kwesten blong tokbaot

1. Wanem ol samting wea i semak mo samting wea i difren bitwin wanwan map blong grup?
 - a. Evri grup i droem semak eria? Wan eksampol, sam grup i save soem taon nomo wetem ol likal baondri blong hem taem ol narafala grup i save putum ol peri eben eria, wota katjmen, o narafala eria wea i siries long wok blong taon be hemi stap aotsaed long baondri blong taon.
2. Wanem yu no bin save abaot? Hao nao yu save Faenemaot?
 - a. Tokbaot olsem wan grup sapos i gat sam siries infomesen wea yu mestem. sapos yu disaedem se yes, Faenemaot wan wea bae lukaotem infomesen ia toktok wetem pipol wea bae save long isiu ia (eksampol luk list blong hu i save helpem yu andanit) Notem se man o woman ia bae ripot bak long wanem hemi Faenemaot long ful grup.

FIGA 4: WAN EKSAMPOL BLONG SISTEM MAP



Ol narfala risos

Hu i save helpem yu

- Ol komuniti memba
- Imejensi maneja
- Polis mo ol fesfala risponda
- Yiutiliti opereita
- Humaniterien eid okanaesesen
- Helt klinic
- Taon gavman, minisipal ofisel mo staf

Pablikesen wetem moa infomesen

- Ol taon hased map: yu save karem long taon plan dipatmen, imejensi manejmen dipatmen, mo narafala.
- Nid asesmen: yu save fainem long humaniterien eid okanaesesen olsem Red Kros Red Kresen, Kea, Mesi kop mo narafala.
- Disasta Risk Ridaksen Plan: yu save fainem long Imejensi manejmen dipatmen, humaniterien mo developmen okanaesesen mo narafala.



Tul: Luksave interaksen blong ol mein eben sistem

Wanem ia, From wanem yu mekem? Wanem yu karem long hem?

Laef blong pipol mo laeflihud long ol eben eria i dipen long ol mein eben sistem. Sapos wan sistem i no gud, hemi save afektem ol narafala sistem. Risiliens wea yumi bildimap long lokol level i save help be i no naf sapos ol sistem long ful taon i no gud. Wan eksampol hemi taem i no gat elektrisiti long wan taon bae pipol i no save kuk, jajem fon (ino gat komunikesen), i no gat transpot from ol pam i no wok, ol elektrik tren i nidim pawa. Tingting blong dipen long sistem hemi kavremap tu protektiv infrastrukja wan eksampol sapos wan wol i protektem ol kritikal infrastrukja asset olsem ples blong storem pawa, ples blong tritim wota hemi no gud, hemi save mekem fulap samting i no gud long narafala sistem, lukluk ol impak blong iven. Andastanem hao nao ol sistem olsem wota, transpot, minisipal administresen etc i wok tugeta long ol wei wea yumi no save. Hemi save pulum intres blong ol patisipen mo tingbaot hao blong mekem ol kolisen i wok, i save leftemap skil blong luksave ol problem mo luksave ol wei blong mekem risiliens i kam antap.

Taem yu nidim:

1 haoa

OL materiel wea yu nidim:

- Ol sistem map wea yu yusum sistem map tul blong mekem.
- Wan flip jat pepa blong wanwan 5 kasem 8 pipol
- Kala maka

Ol step

1. Long sistem map tul, faenemaot wan mein sistem long city blong yu.
2. Serem pipol i ko long grup blong 5 kasem 8 pipol.
3. Wanwan grup i droem wan faev capital + Gavenans jat olsem hemia andanit.

Faev Kapital	Mein sistem:	Mein sistem Gavenans
Ol pipol		
Sosel		
Fisikal		
Naturel		
Faenansel		

4. Wanwan grup i faenemaot wea ples i gat mo i no gat risiliens long mein sistem yusum ol faev kapital. Hemia i save helpem yu blong faenemaot ol poen wea oli no wok mo ol risiliens poen insaed long mein sistem.
5. Faenemaot gavenans blong ol difren pat blong sistem- wanem ol rul, loa, polisi mo kastom tingting wea i afektem hao ol pat ia oli bildimap mo manejmen mo akses blong hem?

Faev Kapital	Mein sistem: Sanitesen	Mein Sistem: Gavenans
Ol Pipol	Save/ awenes. Helt No yus blong pem taks.	Awenes trening long Minisipaliti
Sosel	Ol kastom rul/ konvensen/ salem narafala graon, rileisensip wetem NGO.	Rekulesen blong graon, kod blong bild, sam i karem moa bitim narafala.
Fisikel	Bus toelet, hol long graon, ren katjmen, no gat sistem blong paepem sitsit	No pem taks, zoning, bildim kod.
Naturel	Riva, Wota blong graon, no onem graon.	Regulesen blong graon
Faenansel	Taks reveniu, Sevings Kop	Taks loa

6. Taem ol smol grup i faenemaot ol mein pat mo gavenans blong olgeta, kam tugeta olsem wan bigfala grup. Komperem ol jat blong yu mo tokbaot ol diskasen kwesten.
7. Long ful grup diskasen, fulumap jat blong risiliens asesmen woksit 1 samaraesem mein sistem klosing wea yuk am long hem.

Diskasen Kwesten

1. Wanem wan poen wea i mekem samting i ko no gud long sistem?
2. Hao nao no gud taem ia i impaktem ol narafala dipenden sistem?
3. Wanem ol risiliens kwaliti long sistem ia?
4. Hao nao ol agrimen bitwin ol kapitel i kompenseit blong ol impak long wan kapitel?
 - a. Wan eksampol, sapos elektrisiti sistem i no gud long taem blong wan flad from se transfoma i damej long wota (fisikel kapitel), wanem kapitel i mekem blong yu fiksिम problem ia? Ating ol man mo woman olsem ol wokman wetem skil i nid blong fiksिम transfoma, mo faenansel kapitel olsem mani hemi nid blong pem materiel mo leba.
 - b. Wanem wei i save promotem ol agrimen bitwin ol kapitel?

Ol narafala risos

Hu i save helpem yu?

- Ol komuniti memba
- Imejensi maneja
- Polis mo olgeta wea i rispon fastaem
- Yiutiliti opereita
- Humaniterian mo developmen okanaesesen
- Helt klinik

Ol pablikesen blong moa infomesen

- Keating, A., et al. (2014). Operationalizing Resilience against Natural Disaster Risk: Opportunities, Barriers, and a Way Forward. Zurich Flood Resilience Alliance.
- Ian Scoones, *Sustainable Rural Livelihoods: A Framework for Analysis*, IDS Working Paper 72, 1998.
- Carney, D. (ed.). *Sustainable Rural Livelihoods: What contribution can wea make?* London: Department for International Development, 1998.
- International Federation of the Red Cross, *Preliminary Analysis: The One Billion Coalition for Resilience Discussion Paper on Levels of Resilience*, March 2015.



Ol tingting blong treina

Riding from bakraon infomesen seksen

- Risiliens
- Sistem tingting

Yusum ol tul

Sistem map hemi fes wan long sam tul blong map long tulkit ia. Ol map aktiviti hemi blong lidim ol patisipen long wanwan step i ko long wan klia andastaning blong risiliens jalens mo opotuniti. Wan risalt hemi impoten blong mekem ol map aktiviti mo mekem long oda wea oli presentem. Mekem sam aktiviti nomo o mekem long wan difren oda bae i no givim semak risalt.

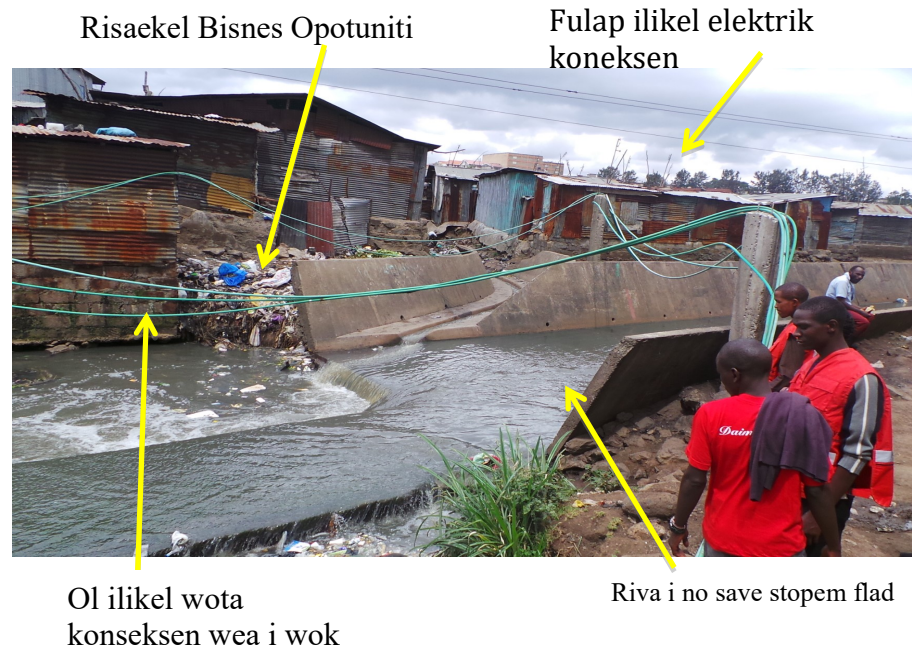
Mapem ol sistem blong wan ful taon hemi had. Mekem ol patisipen i stat wetem besik sistem we i save nogud oltaem. i gat ol rod wea i flad long taem blong bigfala ren? Pawa i kat oltaem? Ol toti i ko fulap samples? Ol hospital mo klinik i fasfas tumas? Fainem ol mein ples long taon wea ol samting ia i happen long hem, o wea i gat bigfala impak. i no nid blong droem evri rod, ol mein wan nomo wea i gat problem. i no nid blong droem evri paep, ol mein pat blong infrastrakja olsem resevua, ples blong tritim wota, ol ples wea i no gat seves o ples paep i brok o i blok oltaem.

Taem wea oli andastanem wanem wea oli askem mo statem, fulap grup bae mapem aot kwiktaem wanem oli savegud.

- Sapos ol grup i gat hadtaem blong stat, talem olgeta blong fokus long ol sistem wea i brok daon o gat problem mo wea ol problem i afektem laef blong pipol long ol neketiv wei.
- Sapos ol grup i fas blong ripresentem ol samting wea i no gat wan lokesen insaed long taon, talem oli raetem long saed blong map.
- Sapos ol grup i muv slo tumas mo traem blong karem evri diteil infomesen, talem long olgeta blong mapem aot ol mein isiu mo samting wea yu save luk i klia. Risiliens hemi abaot ol samting wea yu save mo putum tugeta long niu wei- hemi no nid blong ko long ol smol diteil infomesen. Tumas diteil bae hemi mekem ol samting i slo.



OL TINGTING BLONG TREINA



Risaekel Bisnes Oportuniti

Fulap ilikel elektrik koneksen

Ol ilikel wota konseksen wea i wok

Riva i no save stopem flad

BOKIS 1. AKTIVITI: LANEM BLONG LUKLUK OL SISTEM

Taem wea yu nidim: ½ haoa kasem 2 haoa

Ol materiel wea yu nidim:

- Wok wetem ol man wea i okananaesem woksop, fasiliteta bifo blong eksplenem ol gol, mo jusum lokesen.
- Sapos yu yusum opsen blong foto, yusum ol foto long woksop insaed long wan boks o ol foto blong taon blong yu.

Diskripsen:

Opsen 1: Olsem wan grup, visitim wan eben eria mo faenemaot ol kritikel eben sistem wea yu save luk mo no save luk (kaka, eneji, wota, komunikesen, tranpsot, selta)

Opsen 2: Yusum ol foto, mekem semak eksesaes. Andanit hemi wan sampol blong hao yu save yusum wan foto blong tijim hao blong jusum ol sistem long wan eben envaeromen.

Ol fasiliteta i lidim wan storian blong ol kritikel eben sistem wea yu save luk mo no save luk o olgeta wea i no stap, hao ol sok/stres i save impaktem ol sistem ia, mo wanem ol feilia blong ol sistem ia long ol narafala sistem (ol feilia we i folfolem olgeta)

Diskasen:

1. Wanem sistem nao yu luk? Wanem sistem nao yu no save luk?
2. Wanem sistem long eria i save nogud? Wanem i mekem se oli nogud? Hu nao samting ia i afektem hem bigwan?
3. Hao nao distebens ia i afektem ol narafala sistem?
4. Wanem ol posibol Disasta risk ridaksen, Klaemet jens adaptesen mo risiliens wei blong mekem situesen i kam moa gud long wan lokol taon o narafala skel?
5. Wanem dipatmen o okanaesesen bae yu nid blong involvem olgeta blong mekem ol samting ia i hapen?

RISILIENS LONG WANEM: FAENEMAOT OL PRAEORITI SOK MO STRES.

Mein eim blong Faenemaot ol praeoriti sok mo stres hemi blong:

1. Faenemaot ol sok mo stres wea taon blong yu i fesem fulap taem.
2. Putum praeoriti long ol sok mo stres wea bae yu fokasem ol risiliens aktiviti blong yu long hem.

Wanem yu nid blong mekem blong bildimap risiliens bigwan hemi dipen long ol sok mo stres wea yu nidim blong risilient long hem. Putum praeoriti long ol mein sok mo stres bae helpem yu fokas long risiliens asesmen. Be taem yu kipim fulap mein sok mo stres yu wantem blong yu risilient long tingting taem yu wok tru long ol asesmen aktiviti, yu save mekem sua tu se ol risiliens aksen blong rispon long wan sok o stres i no mekem risk long narafala sok mo stres i ko antap. Wan eksampol long wan taon wea i stap long risk blong etkwek mo level blong solwota i kam antap, wan wol wea yu bildim blong stopem solwota blong i kasem i save brok long taem blong etkwek.



Tul: Faenemaot ol sok mo stress

Wanem ia mo from wanem yu mekem, Wanem yu kasem long hem:

Ol sok hemi ol iven wea i hapen wea yu no ekspektem, olsem flad o iekonomik kras. Ol stres hemi ol slo kondisen olsem muv blong rural i ko long eben eria, pipol i pua. Ol stres i kakae ol risos ova long taem mo kosem ol nid. Long aktiviti ia, ol patisipen bae lukluk moa long ol mein sok mo stress long taon blong olgeta mo jusum ol sok mo stres wea i stap antap wea oli wantem fokas long hem long risiliens asesmen blong olgeta.

Taem bifo yu stat, tink abaot histori blong ol sok mo stress long city blong yu o makem wan histori pikja wetem grup. Discribem ol criteria blong talem se impak I minim wanem.

Taem wea yu nidim:

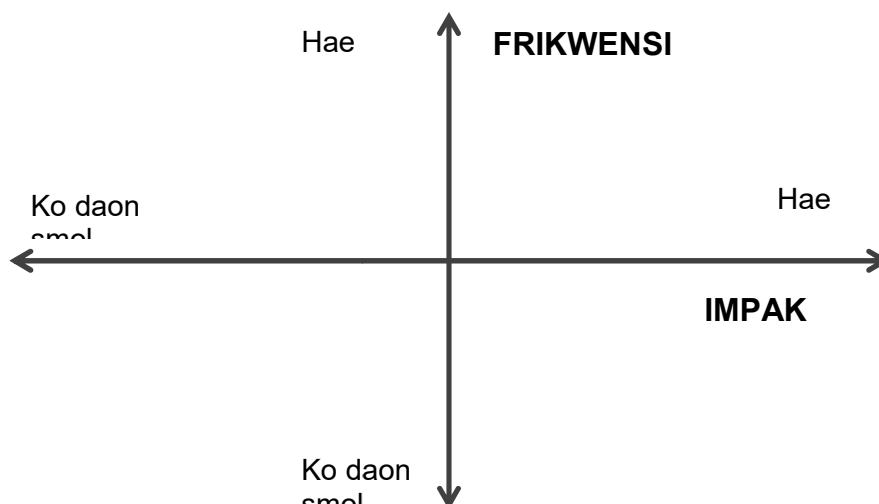
1 ½ haoa wetem storian

Ol materiel wea yu nidim:

- Wan pis blong flip jat pepa blong wanwan 5 kasem 8 pipol.
- Kala maka
- Stiki not
- Stiki dot

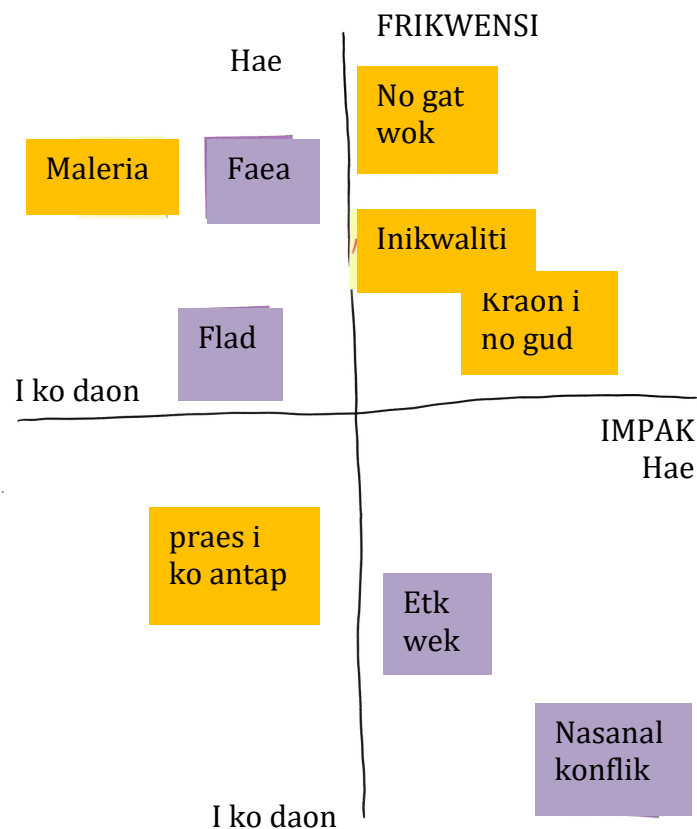
Ol step

1. Divaedem ol patisipen i ko long ol grup blong 5 kasem 8 pipol.
2. Wanwan smol grup i mekem wan kopi blong frikwensi/impak jat olsem hemia andanit. Yusum wan ful pis flip jat pepa blong wanwan jat.



3. Wanwan smol grup i faenemaot ol sok wea i afektem ful taon o komuniti insaed long taon. Raetem wanwan sok long wan seperet stiki not. Yusum semak kala stiki not blong evri sok.
4. Naoia ripitim raetem ol stres long wan narafala kala stiki not.
5. Blong wanwan sok o stres, tokbaot wea nao i sud ko long jat. Hemi hapen fulap taem? Hemi gat hae impak o impak wea i ko daon?
6. Stikim wanwan sok mo stres wea yu filim se i sud stap. Stret lokesen i impoten smol bitim wea ples wanwan i rileit long narafala sok mo stres.
7. Taem yu gat ol mein sok mo stres, wanwan grup i faenemaot ol sok mo stres wea i stap antap wea oli ting se risiliens asesmen i sud adrese. Raetem klosap long jat.
8. Kambak tugeta olsem wan bigfala grup mo postem evri jat long wol klosap long olgeta.
9. Tokabaot ol diskasen kwesten andanit.
10. Taem wea ful grup istap, yu faenemaot ol top sok mo stres, rikodem olgeta blong bihaen taem yu wandem yusum long frikwensi/impak jat long Risiliens Asesmen woksit 2. Rikodem ol sok mo stress long stret ples (eksampol hae frikwensi/hae impak, frikwensi wea i ko daon smol/ hae impak, etc)

FIGA 6: EKSAMPOL SOK MO STRES JAT.



Ol kwesten blong tokbaot:

1. Evri grup i kamap wetem semak praeoriti sok mo stres?
 - a. Sapos no, tokbaot from wanem yu jusum difren sok mo stres. Yusum ol jat blong andastanem ol difrens bitwin ol grup- hao nao ol jat i difren?
2. Sapos yu fokus long grup, wan eksampol hae frikwensi nomo/ hae impak iven, tokbaot:
 - a. I gat ol frikwensi wea i ko daon wea i save kam wan isiu from se i no gat fulap atensen mo smol kapasiti insaed long komuniti?
 - b. I gat ol hae frikwensi/ impak wea i ko daon wea i nidim atensen wea i stap daonem ol risos mo kapasiti long ol narafala aksen?
3. Kontiniu blong tokbaot kasem ful grup i akri long wanem sok mo stres blong putum olsem fes praeoriti mo wij ples blong jat oli stap long hem. Sapos i nid, yusum sam kaen blong vot sistem (eksampol stiki dot) blong mekem seleksen i ko hariap.

Adisenal risos

Hu i save helpem yu

- Lokol eid okanaesesen
- Sosel seves ejensi
- Helt woka
- Man o woman blong mekem imejensi rispons
- Disasta Risk Ridaksen mo klaemet jens adaptesen speselist.
- Univesiti riseja

Pablikesen wetem adisenal infomesen

- Nid blong komuniti mo kapasiti asesmen
- Disasta risk ridaksen plan
- Taon o nasanal level hased, nid, adaptesen, mo risiliens plan



Tul: Mapem Praeoriti Sok mo Stres

Wanem ia, From wanem yu mekem, Wanem yu karem long hem:

Long aktiviti wea yumi jes mekem, yu putum praeoriti long sok mo stres wea bae yu fokusem risiliens asesmen blong yu long hem. Long aktiviti ia, bae yu mapem ol eria long taon wea praeoriti sok mo stres i afektem olgeta. Wan eksampol sapos yu bin faenemaot se flad hemi wan mein sok wei afektem taon blong yu, bae yu soem long map blong yu wea nao mein eben sistem olsem transport o eneji i kasem moa ifekt long flad. Aktiviti ia i semak olsem Hased/Risk map aktiviti insaed long VCA, wetem bigfala lukluk long sistem mo i no ol aset nomo.

Taem wea yu nidim:

2 haoa

Ol materiel wea yu nidim:

- Ol map wea yu mekem long map sistem aktiviti.
- Flipjat pepa
- Kala maka (8 difren kala, wan set blong maka long wanwan smol grup)
- Stiki not long fulap difren kala

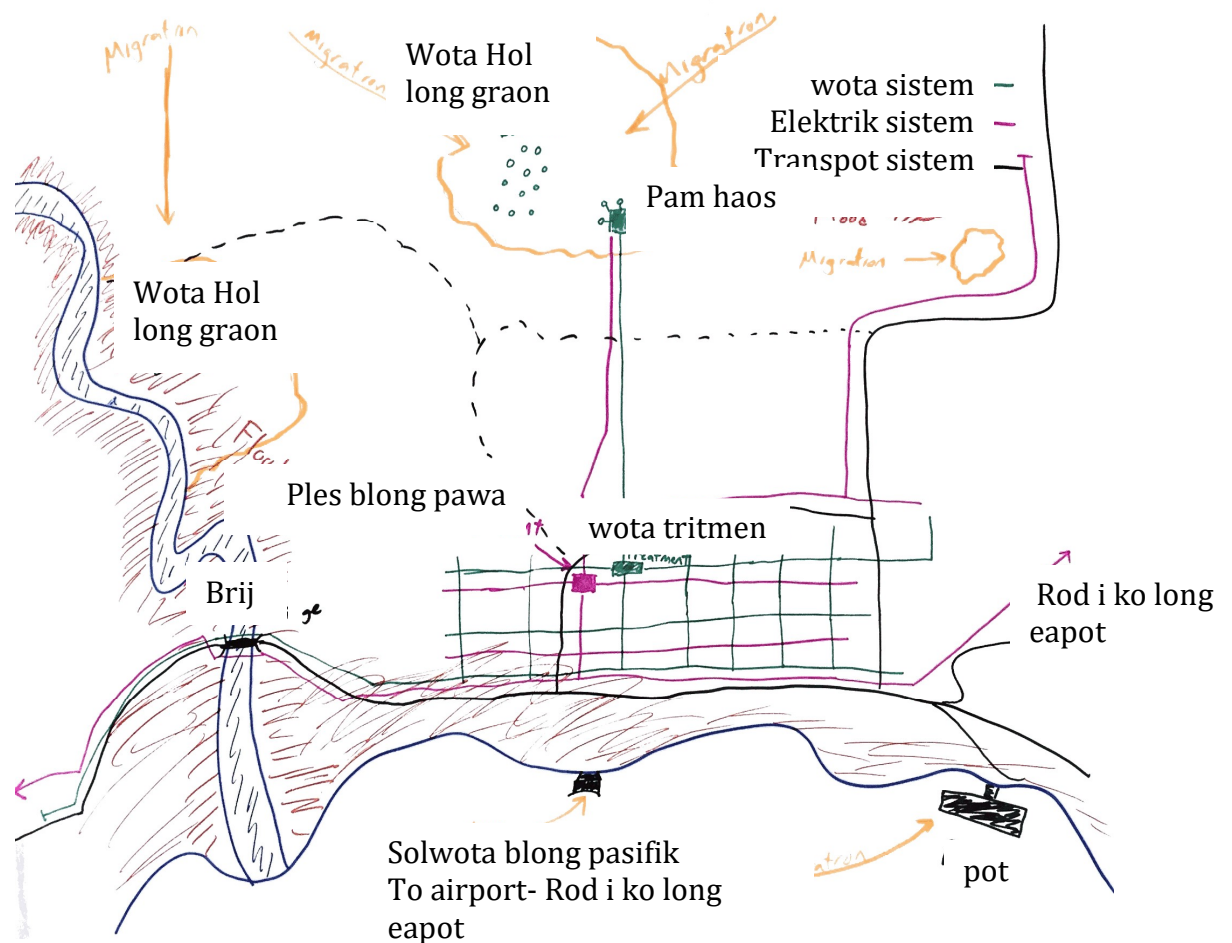
Ol Step:

1. Olsem wanwan grup, ko bak long risiliens Asesmen woksit 1 mo 2 mo lukluk praeoriti eben sistem wea yu jusum blong map sistem aktiviti mo praeoriti sok mo stres yu jusum blong Risiliens long wanem aktiviti.
2. Givim ol kala maka long wanwan sok mo stres blong evri grup i yusum semak kala long map blong olgeta. Hemia i mekem bae isi blong komperem ol map.
3. Lukluk sistem blong yu bakeken long fesfala aktiviti long tulkit. Tingbaot se bae yu givim aot ol map ia long smol grup blong oli konitniu blong wok long hem, o sapos yu wantem mekem wan niufala map wea i kavremap ol infomesen blong fes map.

sapos yu mekem wan niufala map wanwan grup i mas mekem wan kopi. Yu save droem o yusum map wea i stap finis.

4. Divaed i ko long smol grup blong 5 kasem 8 pipol.
5. Wanwan smol grup i adem ol eria long taon wea ol praeoriti sok mo stres i afektem bigwan ol praeoriti eben sistem. Makem ol eria ia wetem ol kala maka, yu save putum sekol raonem ol eria wea i kasem impak, yusum ol mak o makem long eni narfala wei wea yu ting se bae wok.
6. Kam bak tugeta olsem wan bigfala grup mo tokbaot ol diskasen kwesten andanit.
7. Sapos i nid (ol map wea difren grup i droem bae difren mo ol grup storian risalt i gat niu tingting blong ol sok mo stres i impact bigwan) mekem wan niufala klin map wea i soem ol sistem, sok mo stres wea grup i agri long hem.
8. Sevem map blong yu- bae yu yusum bakeken.

FIGA 7: EKSAMPOL BLONG SOK MO STRES WEA YU MAPEM I KO LONG SISTEM MAP.



Ol kwesten blong tokbaot

1. Wanem i semak mo difren long map blong wanwan grup?
2. Ol grup i faenemaot semak eria blong wanwan sok mo stres? Sapos map wea difren grup i droem i difren, spendem sam taem blong tokbaot hao nao bae yu tanem ol difren map i kam wan faenol map. Yu no nid blong mekem hem ia, yu tokbaot nomo.
3. Wanem sistem i kasem distebens plante long ol praeoriti sok mo stres? Raetem inofmesen ia long ol tebol A mo B blong jat long **Risiliens Asesmen Woksit 4**.
4. Wanem yu no bin save? Hao nao bae yu faenemaot?
 - b. Tokbaot olsem wan grup sapos i gat kritikal infomesen wea yu mestem. Sapos yu ting se i gat, faenemaot wan man o woman wea bae lukaotem infomesen ia mo faenemaot long ol man wea i save abaot isiu ia (eksampol lukluk list blong hu i save helpem yu andanit. Tingbaot se man o woman ia bae ripot bak long wanem hemi faenem long ful grup.

Ol adisenal risos

Hu i save helpem yu

- Lokol plan dipatmen
- Imejensi manejmen pesonel
- Polis mo fes risponda
- Yiutiliti opereta
- Komuniti memba

Ol pablikesen wetem adisenal infomesen

- The Hazards Mapping tool in the IFRC VCA manuals



OL TINGTING BLONG TREINA

Riding long bakraon infomesen seksen

- Risiliens
- Sistem tingting
- Plan from wan fiuja wea yu no save wanem bae hapen
- Mekem risiliens wan samting wea yu save luk mo tajem

Yusum ol tul

Sipos ol tul yu tokbaot long wan tri dei woksop, mekem ol patisipen i fainemaot ol mein sok mo stres, mo long olgeta ia jusum tri blong praeoritaesem. Adem moa sok mo stres long diskasen mo postem olgeta long jat nomo sapos i gat taem. Be talem se taem wan grup i yusum tul ia olsem pat blong wan risiliens asesmen proses, oli sud lukluk moa long ol sok mo stres. Tri praeoriti sok mo stres i no save adresem evrisamting we i stret long risiliens.

Long taem blong praeoriti sok mo stres diskasen, ol patisipen bae fokus long ol hae pawa, hae frikwensi iven. Mekem sua blong oli tokbaot ol intensiti we i ko daon, hae frikwensi iven mo hae pawa, ol iven wea frikwensi blong hemi i ko daon.

Ol iven wea pawa blong hemi ko daon mo frikwensi blong hemi hae i impoten from se olgeta we i no impaktem olgeta i save katem daon o no lukluk long hem. Be oli save solem ol risos o mekem se i no gat invesmen mo kapasiti bilding long narafala ples. Wan eksampol ol helt isiu o flad oltaem i save tekem ap taem mo eneji wea yumi save yusum blong bildimap kapitel.

Ol hae pawa mo frikwensi wea i ko daon i impoten from se hemi no hapen oltaem. Taem hemi hapen, yumi no ekspektem mo pipol i no gat kapasiti blong save ko tru long hem o samtaem kapasiti blong kop. No mata wea ol iven ia wea yu wantem blong fokusem blong bildim risiliens long hem, hemi an gudfala eria , blong ko tru



Ol tingting blong treina

long hem taem wea yu kamap wetem narafala risiliens aksen blong luk sapos oli save givim ol benefit blong ol iven wetem hae pawa, mo frikwensi wea i ko daon.

Sapos yu jes statem wok long risiliens, ol iven wea frikwensi i ko daon, impak wea i ko daon hemi ol samting bae yu no fokas long hem naoia. Be yu save luk tru long hem blong luk sapos ol aksen i adresem narafala sok mo stres wea yu putum olsem praeoriti i save givim risiliens long ol iven ia. Sapos yes, mekem wan not long ol benefit ia.

Sapos yu gat taem mo kapasiti, o sapos yu gat ol isiu long taon blong yu mo komuniti, tokbaot hao blong putum ol impak i ko long difren katekori blong ol slo stres olsem kontaminesen blong wota, solwota i ko antap o inikwiti o konflik. Hemia i save gat hae impak be i no gat impak yet long ol smol komuniti o ol haos wea i stap hem wan long taon. Pat blong risiliens hemi blong tingbaot fiuja, i no naoia nomo. Ol fiuja sinario seksen bae adresem hemia moa, Be hemi gud blong stat eli blong tingting long risiliens proses sapos pipol i redi from. Blong mapem ol sok mo stres tul, luluk gud sapos pipol i mapem lokesen blong sok mo stres hemwan o ol lokesen wea sok mo stres i gat impak long hem. Wan eksampol wetem flad blong ol eria long solwota, ol eria klosap long solwota bae kasem moa impak mo ating ol ples wea i ko daon wea drenej i gat ifek. Be ol impak wea i bigwan sapos flad i impaktem ol bisnes eria, skul, medikel fasiliti o mein rod mo brij.

Yu save yusum tingting ia blong lokesen blong sok/stres wetem ol impak blong sok mo stres blong inkarejem ol patisipen blong tokbaot ol impak wea i konekt blong ol sok mo stres. Ol kwesten wea yu save askem blong inkarejem kaen



Ol tingting blong treina

tingting hemi kavremap:

- Ol sok mo stres hemi impaktem populesen o bisnes long wan wei wea i no daerekt o ol bisnes wea i dipen long ol ekosistem mo lokesen?
- Ol sok mo stres i kosem narafala sok mo stress (faea we i wael we i mekem risk blong graon i foldaon mo ol flad i ko antap mo i mekem se i gat aotbrek blong ol sik)?

RISILIENS BLONG HU: ANDASTANEM OL DIPENDENSI

Mein eim blong andastanem dipendensi hemi blong:

1. Disaedem ol impak blong sok mo stres long ol sistem.
2. Faenemaot wij sistem i no strong.
3. Faenemaot wij grup blong pipol ol sistem wea i no ko gud i afektem olgeta bigwan mo from wanem olgeta i kasem ol ifekt ia.
4. Faenemaot ol stekholda wea i pat blong manejem ol sistem ia.

Faenemaot 'blong hu' yu traem blong bildimap risiliens blong mekem se yu save fokasem ol risiliens aksen blong yu. Long ol taon speseli ol pipol wea ol sistem wea i nogud i afektem olgeta i no stap long semak ples olsem ol sistem. Impak blong sistem wea i no gud hemi dipen long tugeta kontak mo level wea wan populsen i kasem ol ifek blong sistem wea i no gud.

Kontak hemi wan wok blong jeografi. Wan eksampol wan transfoma wea i no gud bae i save mekem pawa i no gat long eria ia mo afektem ol pipol. Be pipol wea i stap long ol narafala eria blong taon i save gat kontak sapos oli dipen long pawa long pat blong taon ia blong transport, komunikesen, laeflihud aktiviti etc.

Level wea wan populesen i kasem ol ifek blong sistem wea i no gud. Wan eksampol blong wan distebens long pawa pipol wetem bakap pawa o olgeta wea i no dipen long pawa bae i no afektem olgeta tumas.



Andastanem hao ol sistem wea i no strong i afektem ol pipol.

Wanem ia, From wanem yu mekem, Wanem yu kasem long hem:

Long aktiviti ia, bae yu lukluk long hao ol praeoriti sok mo stres i afektem ol mein eben sistem, mo hao ol impak blong ol mein sistem i afektem pipol wea i dipen long ol sistem ia. Bae hemi helpem yu blong faenemaot ol komuniti wea i stap long nid insaed long taon be long lukluk blong sistem dipendensi mo i no long lukluk blong VCA.

Mein difrens bitwin tul ia mo wan nid asesmen hemi blong fokus long olgeta wea oli gat kontak nomo olsem ol haoshol o bisnes wea i nomo gat pawa be i gat level blong ifek i bigwan- wanem pipol o bisnes wea bae no gat pawa. Yu save faenemaot se olgeta wea i kasem ifekt blong ol sistem wea i no gud i no stap klosap long ol sistem we i no strong. Wan eksampol sapos i gat brij krosem wan riva, sapos brij inogud bae i save mekem ol man blong wok wea i stap long narasaed blong kasem ol faktri long narafala saed mo hemi save mekem impact long ol haos mo faktri.

Bae yu tingbaot ol narafala stekholda wea i pat blong givim o mekem sistem i stap gud. Wan eksampol sapos paep wota sistem i kasem impak, hao nao hemi afektem wota tank we i givim wan infomol wota saplae sistem insaed long taon? Mo yu mas tingbaot ol koneksen bitwin olgeta wea sistem wea i no gud hemi afektem olgeta- olsem ol bisnes wea pawa wea i no gud i afektem olgeta mo hao ol impak long ol bisnes ia i afektem narafala eria mo sekta long taon.

Taem bifo yu stat discribem ol criteria blong talem se impak I minim wanem.

Taem wea yu nidim

2 haoa

Ol materiel wea yu nidim:

- Wan pis blong flip jat pepa blong wanwan grup blong 5 kasem 8 pipol.
- Kala maka
- Sistem, sok mo stres map wea yu bin mekem long aktiviti bifo.

Ol step:

1. Olsem wanwan grup, lukluk tru long ol mein sistem mo praeoriti sok mo stres wea i faenemaot long ol tul bifo mo rikodem long **Risiliens Asesmen Woksit 1 mo 2**.
2. Tokbaot hao blong reitem impak blong ol sok mo stres long ol sistem. Yusum wan sko sistem wea i faenemaot bigfala, medel, impak stap daon mo no gat impak. Wan eksampol yu save yusm ol namba (3 = bigfala impak, 2 = impak i stap long medel, 1 = impak i stap daon, 0 = no gat impak), ol saen o difren kala blong maka (red = bigfala impak, orange = impak i stap long medel, green = impak i stap daon, blue = no gat impak). Mekem sua se evri memba blong grup i andastandem sko sistem. Raetem ol reit sistem long wan pis blong flip jat pepa mo ostem long foret blong rum.
3. Divaed long ol smol grup wetem 5 kasem 8 pipol long wanwan grup.
4. Wanwan smol grup i droem wan tebol long flip jat pepa olsem wan tebol long neks peij. Bae hemi nidim wan laen blong wanwan long ol mein sistem blong yu mo wan laen blong wanwan praeoriti sok mo stres.
5. Mekem wan list blong ol praeoriti sok mo stres krosem antap long tebol. Mekem wan list blong ol mein sistem daon left saed blong tebol, raetem ol sko sistem klosap o andanit long tebol blong yu.
6. Long wanwan smol grup tokbaot mo agri long impak wea wanwan sok mo stress i gat long wanwan sistem. Fulumap ol impak namba long tebol mo kontinu. Raetem daon klosap long tebol eni mein isiu wea i mekem se sko i olem mo eni disagrimen long ol sko.
7. Kam bak tugeta olsem wan bigfala grup mo komperem tebol blong yu. Tokbaot eni impoten difrens.
8. Olsem wan grup, disaedem wanem sko bae yu putum long wanwan sok mo stres mo mein sistem. Yusum infomesen ia blong fulumap tebol long **Risiliens Asesmen Woksit 3**. Mekem sua blong putum sko sistem, ol mein isiu wea i mekem se ol sko i olsem, mo eni sko wea i gat disagrimen. Notem tu eni ples wea grup i no gat infomesen we i nidim blong rankem ol sok mo stres- sistem grup.
9. Naoia lukluk tru long kolom **a** mo **b** blong tebol long **Risiliens Asesmen Woksit 4** wea long mapem praeoriti sok mo stres tul, yu rikodem wij sistem i kasem moa distebens long wanem sok mo stres. Long tebol blong yu long **Risiliens Asesmen Woksit 3**, yu nidim blong jenisem eni ansa blong yu long **Risiliens Asesmen Woksit 4?**

	SOLWOTA I KO ANTAP	FLAD	OL HELT ISIU
Transpot	3	2	0
Kakae	1	1	0
Wota	1	2	0
Sanitesen	3	3	0
Eneji	0	1	0
Helt kea	1	2	2
Komunikesen	0	1	0

3 = hae impak
2 = medel impak
1 = impak i ko daon
0 = no gat impak

10. Kobak long ol smol grup. Blong wanwan **hae impak** rank long tebol antap faenemaot ol stekholda blong sistem ia, espeseli ol **stekholda** blong sistem ia.

a. Taem yu mekem aktiviti ia, yu no jusum ol grup wea istap long nid nomo olsem ol pipol wetem disability, woman wea i gat bel, olfala, mo pikinini. Tingbaot ol grup we i dipen long ol sistem ia blong laef blong olgeta. Ol fasiliteta isu modelem eksampol from hemia hemi wan niufala wei blong tingting blong ol kolisen memba.

11. Kam bak tugeta olsem wan bigfala grup mo setemap tebol ia long flip jat pepa (hemi semak long tebol long **Risiliens Asesmen Woksit 4**).

12. Olsem wan grup, komperem ol stekholda wea yu faenemaot yusum ol kwesten andanit mo fulmap tebol ia.

a. Sok/ Stres	b. Wanem sistem i gat moa distebens long sok/stres ia?	c. Hu i kasem moa ifek taem sistem ia i gat distebens?	d. Hu i wok long hemia we i gat pawa blong jenisem sistem?
Solwota i ko antap	Transpot Sanitesen		
Flad	Sanitesen		
Ol helt isiu			

13. Long diskasen blong yufala, fulmap kolom **c** mo **d** blong tebol long **Risiliens Asesmen Woksit 4**. Putum ol not i ko insaed abaot eni disagrimen, ples wea i no gat infomesen, o stekholda yu faenemaot wea i nid blong yu helpem.

14. Sapos evri o sam long ol komuniti o grup wea i gat ifek i gat ol difren lokesen putum wea ples oli stap long hem long sok, stres mo sistem map.

Diskasen kwesten:

1. Wanem sistem i kasem moa distebens long ol sok mo stres wea yu faenemaot?
2. Wanem stekholda i kasem moa ifek long ol level blong ifek wea ol sistem i kasem distebens long hem?
 - a. Yu wok wetem ol stekholda ia? Sapos no, hu i wok wetem olgeta?
3. From wanem ol stekholda ia i aksem ifek blong ol sistem we i no strong? I gat wan narfala kapitel wea i mas ko antap blong help blong pem bak ol level blong ifek long ol sistem wea i no gud?
3. Hu ol stekholda wea i lukaotem mo risponsibol long ol sistem ia? Hu i gat pawa blong afektem sapos ol sistem i wok o no gat?
 - a. Yu konekt wetem ol stekholda ia?
4. Ol stekholda i pat blong kolisen blong yu?

Ol adisenal risos

Hu i save helpem yu

- Ol sivil sosaeti okanaesesen
- Komuniti memba
- Humanitarien eid okanaesesen
- Imejenisi manejmen pesonel
- Yiutiliti pesonel
- Polis mo fes risponda

Pablikesen blong karem moa infomesen

- Nid mo kapasiti asesmen



OL TINGTING BLONG TREINA

Riding long bakraon infomesen seksen.

- Risiliens
- Sistem tingting
- Plan from fiuja wea yu no sua long hem
- Mekem risiliens ikam wan samting wea yu save luk

Yusum ol tul

Bigfala jalens blong yusum tul blong andastanem hao ol sistem wea i no strong i wok bae hemi mekem ol patisipen i lukluk moa long standed tingting blong ol nid olsem pua pipol, olfala, pipol wetem disability, ol haos wea woman hemi hed, etc- mo mekem olgeta i no lukluk long nid, bae oli lukluk blong akses long sistem mo hao oli no strong mo taem oli dipen long ol sistem ia hemi mekem se i gat wan nid. Yes, pua pipol, olfala mo ol hed blo haos we i woman i gat nid from se oli stap long ol lokesen we i gat hae kontak long ol sok iven, oli ol subjek blong ol stres we i mekem ol risos i ko daon mo kapasiti blong rispon, mo ol sok iven mo ol stres i save impaktem akses blong olgeta long ol mein sistem wea oli dipen long hem blong laef. Wan eksampol blong ol pua pipol hemi no isiu blong mani hemi taem oli sik oli no gat mani blong gat akses long helt kea. Wan klinik wea kost blong hemi ko daon o drenej i kam gud mo hadwok blong protektem wota sos hemi save daonem nid mo mekem laeflihud blong pipol ikm moa gud. Yu nid blong inkarejem ol patisipen blong tingbaot ol impak we i konekt mo hao ol iven long wan lokesen i save impaktem pipol long narfala eria blong taon from ol koneksen blong olgeta long pipol, bisnis o sistem we i stap long eria wea i gat impak.



Ol tingting blong treina

Ol adisenel aktiviti

Sipos ol patisipen i fainem jalens long ol tingting long seksen ia espeseli difrens bitwin level blong ifek mo kontakt yu save mekem sakem bol pleple long neks peij bifo yu yusum ol tul.

BOKIS 2 AKTIVITI SAKEM BOL PLEPLE

Ol eim:

- Mekem grup i no les mo gat fulap eneji
- Some difrens bitwin kontakt mo level blong ifek long wan hased.
- ***Taem wea yu nidim:*** 15 minit

Ol materiel wea yu nidim: ***Wan bol*** (sopsop, saes blong han o eni samting we i sopsop mo yu save sakem)

Ol Step:

1. Jekem ol patisipen mo mekem sua se evri abiliti i save aksesem pleple ia.
2. Tokbaot pleple ia mo tokbaot difrens bitwin gat kontakt long wan impak mo kasem ifek blong wan impak. Eim blong pleple hemi blong taem wea yu kasem bol i ko antap long wan laen. sapos i gat fulap grup, yu save luk wanem grup i gud moa blong kasem bol fulap taem long laen
3. Ol patisipen ikam tugeta long wan sekol o sam sekol sapos i gat moa bitim 16 pipol.
4. Patisipen i kaontem 1 kasem 4 mo tingbaot namba blong olgeta.
5. Sakem bol raonem grup mo blong wan raon kasem wanwan patisipen i gat wan Janis blong kasem o sakem. Fasiliteta i kaontem namba blong ol taem wea bol i no foldaon long wan laen, stat long 1 bakeken taem wan i mekem bol i foldaon.



Ol tingting blong treina

6. Taem evriwan i patisipeit long wan raon, adem ol samting we i save jalensim mo adem ol rul olsem:
 - a. Taem yu sakem bol mo kasem wetem lef han blong yu, yumi save kaontem;
 - b. Pipol namba 1 mo namba 2 oli no gat akses long paep wota mo oli mas sakem bol mo kasem taem be oli mas sarem ae.
 - c. Pipol namba 3 oli woman wea i no gat akses long edukesen mo mas tanem bak blong olgeta mo sakem bol.
 - d. Pipol namba 4 oli rij wetem akses long ol gudfala sistem, mo insurens mo save mekem bol i foldaon;
 - e. Iven namba pipol oli maenoriti we i stap long ol infomol setelmen wea oli no gat raet long graon mo mas tekem wan step i ko bihaen taem bol i flae ikam long olgeta, mo ad namba bae imas tekem wan step i ko long foret mo kasem bol.
7. Sapos taem i naf, bifo las raon blong pleple tokbaot moa long kompetisen mo oli save jensem hao oli putum i ko insaed o karemaot olgeta wetem ol jalens.

Ol kwesten blong tokbaot:

1. Lukluk bakeken long pleple- Pleple hemi semak long ril laef? Tokbaot sam eksampol.
2. Wanem nao pipol i luk? Wanem hemi isi? Wanem i mekem yu kros? Wanem hemi jens taem yu adem ol jalens iko?
3. Stret wei blong win hemi livim aot ol pipol wetem ol jalens?
4. Blong gat jalens hemi mekem wan nid? Level blong risk long jalens blong yu hemi dipen long hao pipol raon long yu i wok wetem yu?

* Pipol wetem disabiliti i bin talem sam posibol jens blong olgeta we i no save kasem mo sakem bol, mo tu putum wan man o woman klosap long wan man o woman wetem disabiliti blong kasem bol mo putum long han blong olgeta. Wan wei wea ol pipol i tingbaot blong wil wetem ol disability we i pleple. Jensem ol rul blong evriwan i save pleple. Olsem rilaksem ol rul raon sakem mo kasem o tingbaot ha oblong mekem wan disabiliti grup long stat blong pleple o putum wan disabiliti long grup.

FAENEMAOT OL RISILIENS OPOTUNITI

Ol eim blong faenemaot ol risiliens opotuniti hemi blong:

1. Faenemaot sapos disasta risk ridaksen, adaptesen, developmen mo risiliens aktiviti hemi kontinu mo hemi help blong bildimap risiliens.
2. Mekem ol difren risiliens aktiviti olsem wan wei blong faenemaot ol speis long komuniti mo taon level risiliens.

Bildimap komuniti risiliens hemi nidim sam aksen we i kavremap ol difren stekholda mo plante sekta blong mekem sistem ikam antap mo akses blong sistem long o lwei we i save mekem laef blong pipol ikam moa gud. Fulap adaptesen, disasta risk ridaksen, developmen mo risiliens aktiviti wea fulap gavman mo non gavman okanaesesen i yusum oli mekem long wei wea we i kontribut blong bildimap risiliens. Ol fasin blong risiliens wea istap long Mekem risiliens long wan wei wea yu save luk seksen blong bakraon infomesen i save helpem yu talem sapos ol aktiviti olio l risiliens aktiviti o nogat.



Tul: Risiliens Aksen tru long ol skel

Hemi wanem, From wanem yu mekem, Wanem yu karem long hem:

Bildimap risiliens hemi nidim blong save wanem i stap hapen ol fulap skel (lokol, taon, rijen, nasanal) mo aktem long ol skel we i gat fulap impak long wanem yu traem blong mekem. Long aktiviti ia, ol patisipen i Faenemaot ol wei blong bildimap risiliens we i konekt long ol praeoriti sok mo stres wea yu jusum long asesmen ia. Blong tinbgaot ol wei ia ol patisipen bae luk olget we i happen long komuniti long skel blong taon mo bigfala skel.

Taem wea yu nidim:

1 ½ haoa

Ol materiel wea yu nidim:

- Wan bigfala emti wol, wan bigfala pis pepa wea yu putum long wol (2 o 3 pis flip jat pepa) o wan bigfala waet bod o blak bod.
- Kala maka
- Ol postem not, indeks kad o pis blong A4 pea long difren kala
- Selotep
- Sok, stres, sistem map blong fesfala aktiviti.

Ol Step:

1. Mekem wan bigfala skel wetem ol sok mo stres jat long wol o lo blak/waet bod long foret blong rum o long ol pis flip jat. Nasanal, taon, lokol long saed mo ol praeoriti sok mo stres raetem long andanit olsem long eksampol blong neks peij.
2. Ol patisipen i wok wanwan o long grup blong 2 o 3, raetem daon ol projek, aksen mo polisi we i stap hapen blong adresem ol sok mo stres long jat.
 - a. Tingbaot ol aktiviti we i hapen long evri level wea istap long jat.

- b. Raetem ol aktiviti long ol postem not wan aktiviti long wan not.
 - c. Raetem daon i no aksen nomo o polisi be hu i mekem tu.
3. Putum wan tik long wanwan aksen o polisi long jat antap long sok mo stres hemi adrese, postem long level blong aksen we i adrese- lokol, taon, nasanal level. Yu save mekem plante moa level.
 4. Mekem wan not se fulap wei i save putum long list blong sok o stres. Hemi impoten long lokol level we i save gat tugeta fulap aksen i happen long wan ples tru long taon, mo no gat aksen i hapen blong rispon long ol grup we i kasem ifek wea yu faenemaot yusum andastanem hao ol sistem we i no strong i afektem pipol tul.
 5. Sapos ol patisipen i fainem i had blong faenemaot ol wei long eni level, oli sud tokbaot hao oli save faenemaot hu i gat infomesen long wanem i stap happen. Raetem ol kwesten ia mo ol ansa blong hem long wan nara kala not o pis pepa mo adem long jat blong stret sok o stres mo long stret skel.

FIGA 8: EKSAMPOL VS SOK MO STRES AKTIVITI WEA YU MEKEM LONG WOL



6. Taem ol patisipen i stat blong sloem daon ol postem aksen, kam tugeta olsem wan grup. Lukluk tru wanem aksen mo polisi oli postem. Karemaot ol infomesen we i kamaot tu taem mo adem ol adisonal infoemsen we i kamap long taem blong toktok.
7. Olsem wan grup, tokbaot ol diskasen kwesten ia:
8. Sevem sok mo stres blong yu tru long ol skel jat blong yu rikodem blong yusum long fiuja. Yu save sevem mo mekem wan kopi long wan klin flip jat pepa o tekem wan foto long hem) Putum daon eni infomesen we i pulum inters blong yu, ol samting wea oli tokbaot plante, o ol kwesten wea oli kamap blong faenemaot long risej.
9. Tokbaot olsem wan grup sapos yu nidim blong mekem foloap wok. sapos yes, bae hu i mekem mo wanem taem oli ripot bak long grup.
10. Olsem wan grup, fulmap tebol blong **Risiliens Asesmen woksit 5**. Tebol ia i gat 4 kwesten:
 - a. Ol okanaesen we i adreseem ol sistem we i no strong i stap wea mo olgeta we i afektem olgeta?
 5. Wanem mein aksen oli tekem long ol difren level stat long lokol kasem nasanal wea i adreseem ol isiu o populesen?
 6. Ol sistem i no strong i stap wea long taon mo populesen wea ol nogud sistem we i afektem olgeta mo oli no adreseem?
 7. Wetem taon i gat ol narafala skel long lokol kasem nasanal we i mas involv blong adreseem ol isiu o lokesen long boks antap?

Kwesten B i askem moa infomesen abaot kwesten A, kwesten D i askem moa infomesen abaot kwesten C. Eim blong ol kwesten A mo B hemi blong samaraesem impten infomesen long sok mo stress tru long ol skel. Eim blong kwesten C mo D hemi blong samaraesem ol impoten speis long infomesen.

Diskasen kwesten:

1. Ol aksen naoia i adreseem ol praeoriti sok mo stres long nasanal level? Taon level? Long komuniti?
2. Ol lokol aksen i hapen wea? i gat pat blong taon o mein komuniti wea yumi livim aot?
3. Ol komuniti wea i gat nid mo sistem we i no strong wea yumi faenemaot oli adreseem?
4. Wea nao ol komuniti level hadwok i save sapotem ol taon level risiliens?

5. Wea nao ol taon skel hadwok i save sapotem ol komuniti wea i gat nid?
6. I gat wan wei wea risiliens asesmen i save adresem ol isiu ia?

Adisenal risos

Hu i save helpem yu

- Humaniterien eid okanaesesen
- Disasta manejmen ofis
- Sivil sosaeti okanaesesen
- Komuniti memba

Ol pablikesen blong karem moa infomesen

- Annual ripot/ wok pepa blong gavman mo non gavman ples we i wok wetem disasta manejmen, klaemet jens adaptesen, poveti ridaksen mo risiliens.



OL TINGTING BLONG TREINA

Riding long bakraon infomesen seksen.

- Plan from wan fiuja wea yu no sua long hem
- Mekem risiliens wan samting wea yu save luk

Yusum ol tul

Seksen ia hemi abaot disaedem sipos (tugeta lokol mo nasanal skel) ol aksen naoia i adresem jalens blong risiliens wea yu tokbaot long fes tri steij blong risiliens asesmen (blong wanem, long wanem mo blong hu).

Klosap eni adaptesen, mitikesen, disasta risk ridaksen, pripe from disasta o rispon long disasta o polisi hemi risiliens. Fulap developmen mo infrastrakja projek mo polisi i bildimap risiliens tu. Eim hemi no blong fokus long wanem i hapen finis be blong lukluk bigfala piksa blong wanem i stap happen mo wanem i no hapen. Ol speis long aksen hemi impoten blong risiliens olsem wanem yu mekem finis.

Ol speis i save kavremap ol komuniti we i gat hae risk mo sam o no gat grup we i wok long we. Ol save gat ol speis wetem aksen tru long ol skel – sapos i gat mani blong wan projek mo i gat komuniti wok be i no gat sapot long taon, o nasanal polisi blong sapotem aksen blong hemi isi blong kontrolem ol praevet o pablik mani. O ol speis we i save reflektem ol diskonek o samting we i no wok bitwin wok wea yu mekem finis mo ol nid long graon- wan eksampol long ol komuniti wea dona i sapotem ol drenej projek i gat distebens from ol projek blong rod long taon.

OL FIUJA SINARIO

Ol fiuja sinario oli yusum long ol risiliens asesmen blong helpem:

1. Disaedem hao taon blong yu i save jenis from ol proses blong jenis olsem klaemet jenis mo ebenaesesem.
2. Faenemaot hao blong bildimap risiliens we i save daonem sam isiu wea proses blong jenis i mekem.

Yu no sua abaot hao ol proses blong jenis i save afektem komuniti blong yu mo taon hemi mekem i gat jalens blong disaed hao blong akt tudei. Mekem ol sinario blong hao taon blong yu i save jenis hemi alaoem yu blong faenemaot wea mo hao yu save akt iven spos yu no sua.



Tul: Ol profael bifo, naoia mo long fiuja

Wanem ia, From wanem yu mekem, Wanem yu karem long hem?

Long fulap ples long wol, ol taon i jenis ova long 20 kasem 30 yia i pas mo i ekspekt blong kontinu blong jenis long semak reit long ol neks yia wea ikam. Ol jenis long populesen, bildimap envaeromen, teknoloji mo ikonomi i stopem olfala laeflihud mo mekem ol niufala wan. Bildimap risiliens blong tudei mo fiuja hemi nidim se yumi andastanem mo ekspektem ol jenis ia.

Yumi no save bildimap risiliens blong fiuja sapos yumi lukluk long pas. Be taem yumi statem lukluk long fiuja tru long pas mo andastanem ol divelopmen mo jenis we i karem yumi kam tudei i save helpem yumi blong mekem ol sinario blong yumi save se fiuja i luk olsem wanem. Long aktiviti ia, ol patisipen i save aprisietem long hamas taon mo komuniti blong hem i jenis long pas 20 yia mo divelopem wan tingting blong hao ol jenis naoia long ebenaesesan mo klaemet jens i save influensem fiuja 20 yia i ko long naoia.

Taem wea yu nidim:

1 ½ kasem 2 haoa

Materiel wea yu nidim:

- Flip jat pepa
- Kala maka'
- Map blong taon (i no wan mas from hemi blong refrens)
- Ol piksa blong pas mo naoia blong taon (i no wan mas be hemi blong helpem patisipen i luk ol jenis we i hapen)
- Eni fiuja klaemet fokas/asesmen blong taon

Ol step

1. Divaed i ko long ol smol grup blong 5 kasem 8 patisipen.

Wanwan grup i mekem wan bigfala tebol long wan pis flip jat pepa olsem tebol andanit.

		NEM BLONG SOK:						
		Faev kapitel	PAS (20 Yia i pas)		TUDEI		FIUJA (20 YIA LONG NAOIA)	
			Situesen	Impak	Situesen	Impak	Situesen	Impak
NEM BLONG SISTEM:	Ol Pipol							
	Sosel							
	Fisikel							
	Naturel							
	Faenansel							
	Gavenans							

2. Tingbaot pas (20 minit)

Sipos ol piksa blong pas blong taon i gat, stat wetem lukluk ol olfala foto (i no mas bitim 5) stat long olfala kasem hemi wea hemi blong tudei. Ol piksa yu save droem long fulap topic- ol lanskep foto blong taon, ol man we i bin stap long taon, transport, etc. Putum ol foto wea hemi blong 20 yia i pas finis. Sapos i no gat piksa, stat wetem wan grup diskasen blong taon i luk olsem wanem 20 yia i pas.

Tokbaot laef i luk olsem wanem insaed long wanwan long ol 5 kapitel ia- Eksampol wetem ol pipol kapitel i no gat plante akses long helt kea mo edukesen, sosel kapitel: pipol i konekt moa, Fisikal kapitel: i no gat fulap developmen long ol eria wea i gat hased long hem i mekem se risk long solwota mo ol flad long riva i no bigwan, be ol drae taem i impaktem ol fama mo komuniti we i pua we i no save pem kakae, etc.

Fulmap ol infomesen i ko long tebol.

Neks samting, tokabaot ol pas sok o stres iven mo hao oli afektem pipol mo sistem long pas. Adem eni narafala infomesen long tebol blong yu we yufala i tokbaot.

3. Tingbaot tudei (20 minit).

Ripitim diskasen ia, be tingbaot tudei. Hao nao ol samting i jens long pas 20 yia insaed long ol 5 kapitel? Luk ol jenis mo hao kwik o sloslo ol stap jens. Ol jens ia i isi blong fogetem sapos yu stap long hem mo yu pat blong jenis ia. Fulmap infomesen long tebol.

Tokbaot hao ol semak sok mo stres we yu tokbaot blong pas i save impaktem taon tudei. Bae ol impak i moa bigwan o smol? Bae semak pipol, lokesen mo sistem i kasem impak? Bae ol niufala pipol, lokesen mo sistem i kasem impak ia? i gat ol niufala sok mo stres wea yu dil wetem naoia we i no bin gat long pas?

Not: step 3 mo 4 hemi pat blong VCA Historikel profael.

4. Fiuja (20 minit)

Tokbaot hao taon hemi jenis long pas kasem tudei. Wanem i gud long ol jenis mo wanem inogud?

Naoia, blong wanwan kapitel, tokbaot wanem kaen kondisen long 20 yia i ko long naoia , tingbaot ol pas jenis mo kondisen naoia. Fulmap infomesen long tebol.

Laswan, tokbaot ol sok mo stres tudei mo hao i save afektem taon blong yu long fiuja. Bae ol impak i bigwan o smol? Wanem bae hapen bitwin naoia mo fiuja blong mekem sua se ol impak i smol? Bae i gat ol niu sok mo stres long fiuja wea i no gat naoia? Hu, wanem sistem mo lokesen i gat impak long ol niufala sok mo stres?

Kam bak tugeta olsem wan bigfala grup mo tokbaot ol kwesten ia:

5. Taem yu tokbaot kwesten 1, fulmap kolom A long tebol long **Risiliens asesmen woksit 6.**

6. Taem yu tokbaot kwesten 2, fulmap kolom B long tebol long **Risiliens asesmen woksit 6.**

7. Taem yu tokbaot kwesten 3 kasem 5, fulmap tebol long **Risiliens asesmen woksit 7.**

Diskasen kwesten:

1. Wanem ol bigfla jens we i hapen long pas 20 yia long wanwan faev kapitel katekori?
2. Wanem jens i save hapen long neks 20 yia taem yu lukluk long ol pas jens?

3. Hao nao ol bigfala sok mo stres i jens bitwin naoia mo long fiuja? Bae i gat ol niufala sok mo stres long fiuja wea yumi no gat naoia o i hapen naoia be i no oltem be yu ekspektem blong frikwensi o pawa blong hem i ko antap?
4. Wanem pipol mo wanem lokesen mo sistem bae gat kontak? Wanem pipol, lokesen mo sistem bae level blong ifek i ko antap mo from wanem bae i olsem?
5. Wanem aksen yumi save statem tudei blong daonem ol kontak mo ifek?

Narafala risos

Hu i save helpem yu

- Univesiti riseja (eksampol klaemet jens saentis, sosiolojis mo historian)
- Ol ofis blong plan blong gavman
- Lokol historian
- Komuniti lida
- Lokol meteoroloji ofis

Ol pablikesen blong karem moa infomesen

- Taon mo nasanal plan dokumen (5 yia o 10 yia plan)
- Klaemet jens projeksen
- Ikonmik projeksen
- Projek blong populesen/muvmen i ko long eben eria
- Dvelopmen plan
- Intenasanal agrimen mo/o intenasanal politik we i save afektem ikonomi, muvmen blong pipol mo divelopmen blong kantri.



OL TINGTING BLONG TREINA

Riding long bakraon infomesen seksen.

- Plan from wan fiuja wea yu no sua long hem

Yusum ol tul

I semak wetem ol tul blong map, hemi posibol blong ko long diteil abaot pas, naoia mo fiuja wetem tul ia. Be diteil hemi no poen. Wanem yu wantem blong ajivim wetem tul ia hemi blong mekem ol patisipen blong filim mo luk hamas wol i jenis long pas 20 yia, be oli no lus long diteil. Wan eksampol:

- Hamas taon hemi gro long pas 20 yia? Ol pipol i kam wea mo from wanem?
- Hao nao niufala teknoloji i jensem laef mo kalja? Ol mobael fon i no bin gat 20 yia i pas, be naoia pipol i gat ol mobael fon mo ol smat fon tu.
- Trafik i ko nogud? Transpot i jens olsem wanem/ hao nao hemia i afektem laef mo laeflihud mo komes?
- Hao nao ol helt isiu i jens?
- Hao nao pipol i mekem laef blong olgeta 20 yia i pas long taon mo kantri? Hao nao oli mekem naoia?
- Hao nao naturel envaeromen i jens long taon mo kantri? Wanem i difren? i gat fulap tri wea oli katem daon? Graon blong mekem karen i ko daon? Ol rif mo fis i safa?
- Hao nao kraem, konflik mo hadsip situesen i jens? Ol koses mo viktimis i stap semak?



OL TINGTING BLONG TREINA

Taem patisipen i developem wan tingting blong hamas i jens mo hao kwik jens i hapen, mekem oli tingbaot se fiuja bae olsem wanem. Blong ol fiuja sinario yu keaful se pipol i no tingbaot gudfala fiuja o wan nogud fiuja be oli mas tingbaot ol jenis naoia mo wea ol jens ia i save lid i ko long hem. Tingbaot ol jens long teknoloji, ikonomi mo indastri, muvmen blong pipol mo populesen, developmen, kalja mo politik. sapos taon o kantri i gat 5, 10 o 20 yia developmen plan, hemi save help blong tokbaot fiuja.

Taem ol patisipen i tingbaot ol jens mo wea i save lid i ko long hem, tokbaot se fiuja bae luk olsem wanem. Hemi impoten from we, hemi blong gat wan risilient fiuja. Yu wantem blong hemi strong wea yu stap ko long hem blong hemi klia mo yu save wanem blong mekem blong gat gudfala fiuja.

Tingbaot fiuja, fiuja hemi dipen long ol jens naoia mo tokbaot long ol patisipen se nid hemi wan samting bitwin long hased kontak mo level blong ifek mo ol trifala samting ia i save jenis. Hao ol patisipen i tokbaot hemi dipen long kapasiti blong olgeta.

Olsem wan fasiliteta, yu save mekem wan bigfala risiliens asesmen woksit 6 mo 7(droem long flip jat pepa) mo postem long wol mo fulmap wetem ol ansa blong ol kwesten wea patisipen i givim. Sapos yu mekem hemia, mekem sua se yu sevem istap blong yusum long fiuja o patisipen i raetem daon i ko long ol smol woksit mo kipim.

SEMAP OL RISILIENS PRAEORITI

Long seksen ia, yu mekem las toktok blong risiliens asesmen tru long:

1. Lukluk bak long ol wok long map we yu mekem bifo, ol materiel we yu sevem mo risiliens asesmen woksit.
2. Mekem infomesen mo save wea yu karem tru long risiliens asesmen proses.
3. Stat blong luksave ol speis mo opotuniti blong bildimap risiliens.

Truaot long wei ia, yu bin faenemaot ol mein eben sistem, disaedem wanem sistem i gat nid long ol mein sok mo stres, faenemaot hao ol grup blong pipol mo komuniti i gat impak long ol distebens long ol mein eben sistem mo lukluk long hao risiliens i save helpem pipol blong kop wetem ol distebens mo mekem sistem ikam moa gud mo akses long ol sistem/seves naoia mo long fiuja. Naoia evri infomesen mo save yu karem i nidim blong yu putum long aksen blong mekem se ol risiliens praeoriti wea yu disaedem yu save mitim tru long kolisen blong yu.



TUL: ROD MAP BLONG BILDIMAP RISILIENS

Wanem ia, from wanem yu mekem, wanem yu karem long hem:

Long las sesen ia, ol patisipen i luk tru long ol las toktok mo tingting we i bin develop wetem ol fes asesmen tul mo faenemaot ol neks step. Ating ol patisipen i andastanem mo finisim ol eksekses long risiliens asesmen be blong rimemba ol risalt blong wanwan aktiviti mo save hao blong putum tugeta blong disaed long wanem aksen blong tekem hemi no isi. Yusum wan isi tebol, eksekses ia i karem ol mein tingting ikam mo ol konsen wea yu faenemaot long ol narafala tulkit aktiviti tugeta long wan ples blong mekem hemi isi blong luk hao blong mov i ko long foret.

Eksekses ia i ting se patisipen i save agri long ol jenerel daereksen blong mov i ko long foret. Bae ol patisipen i no mekem ol spesifik projek long sesen ia, be oli save Faenemaot ol mein eria wea oli save fokus long hem. Wan eksampol, ol patisipen i save luk se blong adresem ol nid blong haos blong ol pikinini anda faev yia hemi wan praeoriti blong bilimap risiliens. Ol mein projek blong mekem hemia oli save disaenem olsem wan neks step wetem ol memba we i intres, pulum ol pipol ikam mo risos long aotsaed long asesmen.

Taem wea yu nidim:

2 haoa

Ol materiel wea yu nidim:

- Risiliens asesmen woksit paket
- Sistem, sok mo stres map
- Eni narafala materiel long ol fesfala tul.
- Pepa mo pen
- Wan pis flipjat pepa blong wanwan grup blong 5 kasem 8 pipol
- Kala maka
- Selotep

Ol step:

4. Ol patisipen i tekem sam minit blong luk tru long **Risiliens Asesmen woksit** mo narafala mein materiel we i develop o kolektem taem yu wok tru long tulkit ia.
 5. Ol patisipen i divaed i ko long ol smol grup blong 5 kasem 8 pipol. Wanwan grup i droem wan kopi blong tebol olsem hemia long neks peij long wan flip jat pepa.
 8. Wok long smol grup, patisipen i fulmap tebol:
 9. Ko bak long stat blong risiliens asesmen proses mo luk tru long ol las toktok blong wanwan eksesaes. Sapos yu bin yusum **Risiliens Asesmen woksit**, infomesen ia yu mas mekem wan samari long ol woksit mo map wea yu sevem. Wan eksampol long map sistem, ol patisipen i raetem daon wanem sistem oli agri se hemi praeoriti mo mapem sistem ia.
 6. Fulmap ol woksit jat ful wan i ko kros kasem taem yu faenemaot ol mein patna mo rekomendesen. Tingbaot olsem wan smol grup wanem aksen bae yu talem mo hu bae hemi ol mein patna long aksen ia. Tingbaot ol karektaristik blong risiliens we i stap long bakraon infomesen. Wanem karektaristik ol aksen wea yu jusum i bildimap? i no nid blong ol aksen ia oli ol spesifik projek, Oli nid blong faenemaot ol jenerel aksen nom oblong tekem blong dil wetem ol isiu wea oli faenemaot. Ol diteil blong projek yu no sud tingting long hem kasem taem ol mein patna i kam pat blong tingting ia.
 7. Taem ol smol grup i hapi wetem ol tingting mo i faenemaot ol mein isiu, kambak tugeta olsem wan bigfala grup.
 8. Olsem wan bigfala grup, tokbaot ol kwesten andanit. Fasiliteta i wantem mekem wan niufala kopi blong tebol blong mekem wan samari blong wanem oli faenemaot.
- Sipos ol patisipen i wantem, oli save muvum ol risalt blong ol flip jat tebol blong olgeta i ko long **Risiliens asesmen woksit 8** blong oli save gat wan kopi blong faenal analisis wetem risalt wea ikam long ol fesfala tul.

Praeoriti sok mo stres	Ol mein sistem wea i kasem ifek	Ol mein stekholda wea i kasem ifek	Ol spes long ol risiliens aksen naoia	Ol tingting blong risiliens aksen	Ol mein patna

Ol diskasen kwesten:

1. Ol patisipen i faenemaot ol semak risiliens aksen? sapos no, from wanem? Ol difrens i save help blong developem ol gudfala prokram.
2. Yu faenemaot ol grup o wanwan man o woman olsem ol mein patna we i pat blong asesmen proses blong kasem deit? sapos yes, hao nao yu save aprojem olgeta blong mekem se oli kam pat?
3. Ol risiliens aksen blong yu hemi wan projek, o moa jenerel konsen wea yu mas adresem? Wanem neks step blong tanem i kam ol ril projek?

Ol adisenal risos

Hu i save helpem yu

Samtaem bae yu fainem se yu nidim pipol wetem moa save blong tingbaot wanem yu sud mekem. Yu mas lukaotem ol pipol ia blong finisim andastaning blong yu blong wanem asken blong tekem. Ol pipol ia i save stap long ol gavman dipatmen wetem spesifik teknikel save, o long praevet sekta long ol konsalten fem, konstraksen kampani, maketing fem, etc. O ol sivil sosaeti okanaeseses, komuniti grup, univesiti staf wea i gat impoten tingting long isiu.

Ol pablikesen blong karem moa infomesen

100 risilien Siti Risileins strateji- ol dokumen ia i gat blong fulap taon o siti raon long wol, i provaedem difren risiliens aktiviti wea hemi praeoriti blong taon/siti. Hemi fokus long minisipal gavman be hemi givim wan tingting blong ol posibol risiliens aksen mo faenemaot aksen wea siti gavman i intres blong patna long hem blong karemaot wok.



OL TINGTING BLONG TREINA

Riding long bakraon infomesen seksen.

- Mekem Risiliens ikam wan samting wea yu save luk.

Yusum ol tul

Truaot long woksop o asesmen proses, ol patisipen i mekem ol las toktok long wanwan eksesaes mo aktiviti. Be, ol las toktok ia i kavremap ol las toktok blong ol fes aktiviti from i no gat inaf taem o from hao ol aktiviti i konekt i no klia. Olsem wan risalt, putum ol las toktok blong wanwan aktiviti tugeta mo tingbaot wanem blong mekem long fiuja hemi had. Enkarejem pipol blong tekem taem blong tingting abaot hao oli save putum evri samting ikam wan bigfala pikja mo tokbaot ol solusen. Sam pipol i mekem gud taem oli tingting tru ol samting we i mekem man i konfius. Oli ridim ol not blong olgeta mo no tokbaot. Blong enkarejem hemia, talem long patisipen blong wok hem wan smol taem bifo oli kam tugeta long smol grup blong komperem ol risalt.

Taem pipol i gat janis blong luk tru mo luk bak olgeta wan, tekem olgeta i kam tugeta long smol grup mo oli komperem ol not. Oportuniti blong wok tugeta bae help blong givim gudfala tingting. Be tingbaot se i no gat man i save bigwan long evri samting, tokbaot long smol grup blong i givim gudfala solusen bitim taem pipol i wok wanwan.

Bifo yu finisim aktiviti ia, mekem ol patisipen i tokbaot mo mekem komitmen blong wanem blong mekem olsem neks samting mo akt folem ol risalt blong risiliens asesmen. Wan asesmen i gud sapos hemi lid i ko long aksen.

Sipos ol tul ia yu inrodusum long wan tri dei woksop, mekem ol patisipen i fokas long wanem step oli nid blong tekem blong statem risiliens asesmen blong olgeta mo hu bae plei rol instead blong fulmap las woksit.

Bae olgeta i no go insaed long ol tul, o gat janis blong lukaotem ol infomesen we i no stap mo pleia blong gat wan klia pikja abaot wanem aksen oli nid blong tekem blong



Ol tingting blong treina

bildimap risiliens. Bae olgeta i gat wan klia pikja blong asesmen proses blong olgeta bae luk olsem wanem mo hu bae ipat insaed. Bifo yu finisim las aktiviti ia, mekem pipol i mekem komitmen blong wanem bae oli mekem ova long neks 2 kasem 4 manis blong mekem wan stret risiliens asesmen.