



STEP 4 ASESMEN DISASTA RISK



Objektif



Risk asesmen hemi wan wei blong luksave ol risk insaed mo raon long komuniti. Oli kolem tu kapasiti mo volnarabiliti asesmen.

Mein tingting blong hem i blong luksave:

- **Wanem kaen disasta i stap hapen long komuniti** mo luk wanem impak oli mekem o oli save mekem.
- **Wea nao ol sef mo denja ples we oli stap.**
- **Wea nao ol sef emejensi rod** blong kasem ol sef ples.
- **Wataem ol disasta oli save hapen.**
- **Wanem nao ol wiknes** blong ol pipol long taem blong wan disasta.
- **Wanem nao ol kapasiti** (save mo risos) blong ol man blong stanap strong bifo, during mo afta long wan disasta.

Ol tul blong risk asesmen we yumi save yusum:

- **HISTORIKOL PROFAEL:** Faenemaot ol pass disasta we i hapen finis.
- **SISENOL KALENDA:** Faenemaot ol sisen we komuniti i save strong o wik.
- **TRANSEK WOKABAOT:** Lukluk ol kapasiti mo volnarabiliti insaed long komuniti.
- **MAP:** Soem denja mo sef ples, mo sam kapasiti blong komuniti.



RISK ASESMEN bae hemi beis blong ful **KOMUNITI DISASTA PLAN**.

Hemi impoten tumas se yumi no mekem olbaot, speseli long saed long luksave ol sefples. **NO PLEPLE WETEM LAEF BLONG OL MAN.**

AKTIVITI 4.1: INTRODAKSEN LONG RISK ASESMEN



Objektif



- Givim wan tingting long wanem ia ol risk asesmen.
- Talem wanem hemi wan risk asesmen mo wanem tul blong yusum.

Taem blong karemaot wok



- 1 dei.

Fasin blong karemaot wok:



- **Eksplenem stamba tingting blong risk asesmen.**
- **Listim daon ol aktiviti** we yu wantem karemaot long wan bigfala pepa mo talem from wanem oli impoten.
- **Mekem gem blong volnarabiliti** (peij 79) mo storian abaot ol stren mo wiknes blong komuniti ia.

Ki infomesen



- Talem wanem hem i Risk asesmen long ol patisipen long wan isi toktok mo givim ol eksampol.

Materiel mo risos

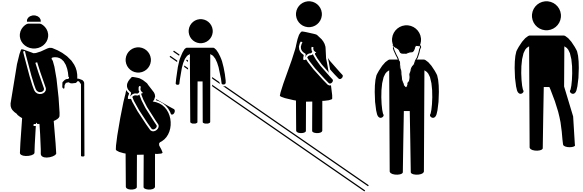


- Bigfala pepa, maka.



GEM: VOLNARABILITI MO KAPASITI EKSESAES

Man we i vonrabol bigwan



Man we i strong bigwan

Objektif



- Tingting blong ekseesaes ia i blong helpem ol patisipan blong andastanem hao wanwan laef blong ol man i pat blong vonrabiliti mo kapasiti blong ol man long taem blong wan disasta. Blong andastanem ol pipol yu lukluk long ej, man o woman, sapos hemi wok, sapos hemi gat ol samting olsem i gat mani o no gat.

Fasin blong karemaot wok:



- Askem evriwan blong stanap mo mekem wan laen, mekem sua se i gat spes blong evriwan olsem oli save tekem tenfala step i go long foret mo tenfala step i go biaen.
- Talem long ol patisipan blong traem tingbaot se oli stap tugeta long wan vilij we kategori 4 saeklon i jes kilim.
- Askem ol patisipan blong folem ol toktok blong yu taem yu stap tokbaot ol aedentiti blong olgeta.
- Ridim wan toktok daon ia finis afta ridim wan narawan bakegen kasem en.

Sapos yu gat ova 5 pikinini, tekem wan step go bihaen.
Sapos yu wan woman, tekem wan step go bihaen.
Sapos yu no stap long stret graon blong yu, tekem wan step i go bihaen.
Sapos yu stap long wan eria we i no gat transpot, yu tekem wan step i go bihaen.
Sapos yu no stap planem wael yam, tekem wan step i go bihaen.
Sapos yu o wan naraman i dipen long yu from hemi disabol, tekem wan step i go bihaen.
Sapos yu ova ej blong 60 yia, tekem wan step i go bihaen.
Sapos yu stap long ples we i stap flad oltaem, tekem tu stap i go bihaen.

Sapos yu wan man yu, tekem wan step i kam long foret.
Sapos yu wan komuniti lida, yu tekem wan step go long foret.
Sapos stap harem redio oltaem, yu tekem wan step i go long foret.
Sapos yu stap long wan strong haos, yu tekem wan step i go long foret.
Sapos yu kasem klas 10 long skul, yu tekem wan step i go long foret.
Sapos yu kasem wan salari, tekem wan step i go long foret.
Sapos haos blong yu i strong, tekem wan step i go long foret.
Sapos yu stap long wan ples we i gat telefon netwok, yu tekem wan step i go long foret.

Ki infomesen



- Askem ol patisipan blong lukluk ol spes bitwin olgeta mo tingbaot huia hem i wan strong man mo huia hem i wan wik wan mo from wanem.
- Tekem grup i kam bak tugeta mo toktok raon long wanem oli bin lanem.

AKTIVITI 4.2: HISTORIKOL PROFael



Objektif



- Blong Tekembak ol memori blong ol pas disasta mo ol impoten ivent long komuniti.
- Faenemaot ol stamba paten blong wan disasta paten.

Taem blong karemaot wok



- 2 hawa.

Fasin blong karemaot wok:



- Eksplenem hao blong fulumap historikol profael.
- Oganaesem ol smol grup folem fokas grup diskasen (ol mama, ol papa, ol yut, ol lida).
- Dro long ol bigfala pepa mo fulumap historikol profael long ol smol grup.
- Wanwan grup oli soem mo toktok raon long historikol profael blong olgeta.
- Joinem ol difren ivent ia long wan historikol profael (Bigfala pepa).
- Ripot long Komuniti Disasta Plan.

Ki infomesen



- Sapos i had blong ol man oli faenem deit, askem olgeta sapos hemi bifo o afta ol mein iven olsem independens o sekon wol woa...
- Askem se oli putum plante ditel long wanem i bin hapen (wataem stret i hapen, ol man oli sef olsem wanem...).

Materiel mo risos



- Bigfala pepa / Maka.
- Disasta plan- Historikol profael.

KLAEMET JENS



- Klaemet jens i save mekem ol hasat blong weta (saeklon, flad, draot) oli kam adap mo oli moa strong.
- Sapos komuniti i luksave wan samting olsem hem i impoten blong raetem daon long ripot.

JENDA



- Ol olfala blong komuniti oli impoten long aktiviti ia from ol memori blong olgeta. Historikol profael hemi wan gud taem blong mekem se ol yut oli lanem samting long ol olfala.
- Ol woman oli gat difren save wetem ol man, spesili long saed long ol fasin blong rere (olsem kastom kakai, wota manejmen...) we hem i impoten tumas. Mek sua se ol mama oli givim gud tingting blong ol.



TUL: HISTORIKOL PROFael



Objektif



Wanem nao yumi stap lukaotem?

- **Ol pas disasta** mo ol damej blong olgeta (saeklon, tsunami, draot, lanslaed, volkano, bigfala sik...).
- **Wataem oli statem ol stasen** blong vilij.
- **Wataem oli putum ol infrastrakja mo ol seves** (Rod, fon, Ed pos, skul, stoa...).

Fasin blong karemaot wok: Eksampol



DEIT	OL STAMBA IVENT WE I HAPEN LONG KOMUNITI
1932	Fes vilij
1947	Fes skul long vilij
1949	Bigfala saeklon, bigfala damej long ol haos mo garen, i no gat inaf kakai mo wota
1950	Bigfala sik i girap
1960	Draot, no gat inaf kakai
1972	Saeklon Wendy, bigfala damej long ol haos mo garen, i no gat inaf kakai mo wota
1980	Indipendens blong Vanuatu
1981	Smol Saeklon, i no gat inaf kakai
.....

Ki infomesen



Ripotem ol ki infomesen ia i go long Komuniti Disasta Plan blong komuniti:

- Wanem nao ol mein kaen disasta, we oli bin hapen long historikal profael? (weta, helt).
- Talemaot ol paten blong ol disasta? (Ol disasta oli stap hapen hamas taem long wan yia?).
- Wanem nao ol mein damej we oli stap hapen folem ol kaen disasta ia?
- Wanem nao ol fasin blong ol pipol blong stap sef long disasta mo blong stap rere?
- Talemaot sapos komuniti i luksave sapos ol disasta ia oli stap happen yet long taem blong olgeta o no gat?

AKTIVITI 4.3: SISENOL KALENDA



Objektif



- Blong faenem ol sisen we komuniti i save fesem had taem.
- Blong faenem ol sisen we i gat risos long komuniti.

Taem blong karemaot wok



- 2 Hawa.

Fasin blong karemaot wok:



- Talemaot hao long fulumap sisenol kalenda.
- Oganaesem ol smol grup folem fokas grup diskasen.
- Dro long bigfala pepa mo fulumap sisenol kalenda long ol smol grup.
- Wanwan grup i soem mo toktbaot ol sisenol kalenda blong olgeta.
- Joinem ol difren tingting long wan sisenol kalenda (Bigfala pepa).
- Lukaot gud long ol volnarabol taem insaed long komuniti.
- Ripot long disasta plan.

Ki infomesen



- Evri grup oli save putum ol topik we oli luk se hemi impoten.

Materiel mo risos



- Bigfala pepa / Maka.
- Disasta plan – Sisenol kalenda.

KLAEMET JENS



HAZARDS		J	F	M	A	M	J	J	A	S	O	N	D
Cyclone	Now	X	X								X	X	X
	Before	x	x	x	x							x	x
Drought	Now							X	X	X			
	Before						x	x	x				

- Yu save yusum sisenol kalenda blong luksave ol jens long klaemet mo kroping paten.
- Askem ol olfala sapos ol luk eni jenis long weta (saeklon sisen, taem blong planem kakai mo taem blong karemaot kakai long graon).
- Yusum ol difren kala blong soem ol olfala paten mo ol niufala wan.

JENDA



Incomes		J	F	M	A	M	J	J	A	S	O	N	D	
Sell fish	Woman	x	x	x								x	x	x
	Man	x	x									x	x	
Sell kava	Woman							x	x					
	Man	x	x	x	x	x	x	x	x	x	x	x	x	

- Mekem kalenda blong ol man mo kalenda blong ol woman afta yu joinem i kam long wan kalenda.
- Askem ol komuniti lida blong join from oli gat fulap save (sabsisten faming, helt woka.),
- Taem yu joinem tufala kalenda ia yu putum ol risponsabiliti folem jenda, mo wanem oli stap tokboat.



TUL: SISENOL KALENDA



Objektif Identifae ol:



- **Ol volnarabol taem:** Ol sisen blong saeklon, drae taem, taem we i no gat fulap kakai o wota, ol taem we i gat ol sik.
- **Ol gudfala taem:** Taem i gat plante kakai, taem blong salem ol samting...

Fasin blong karemaot wok:



- Putum kalenda long wan bigfala pepa folem ol mein topik blong eksampol long saed ia.
- Long smol grup aksem komuniti blong stretrem list blong topik folem konteks blong ol. Afta askem olgeta blong oli tikim ol bokis blong ol manis blong talem wataem nao oli samting ia oli stap hapen.
- Lego wanwan grup i presentem kalenda blong hem. Askem ol ki kwestin daon ia long komuniti.
- Folem ol ansa mo traem blong kalarem ol gud taem long kala grin mo ol volnarabol taem long kala red.

IKAM	J	F	M	A	M	J	J	A	S	O	N	D
Salem Fis			X	X	X	X	X					
Salem kaikai	X		X	X	X						X	X
...												
EXPENIS	J	F	M	A	M	J	J	A	S	O	N	D
Skul Fee		X			X			X			X	
Kava	X	X	X	X	X	X	X	X	X	X	X	X
...												
HELT	J	F	M	A	M	J	J	A	S	O	N	D
Flu-Kof-Kolkol	X	X					X	X			X	X
Belli i so						X	X	X				
Malaria	X	X	X	X							X	X
Sitsit wota	X	X	X	X							X	X
...												
LAEVLIHUD	J	F	M	A	M	J	J	A	S	O	N	D
I no gat inaf Kaikai	X	X				X	X	X				
I no gat inaf wota									X	X		
...												
HAZADS	J	F	M	A	M	J	J	A	S	O	N	D
Saeklon	X	X	X	X							X	X
Flad	X	X	X	X							X	X
Draot						X	X	X	X			
Fae						X	X	X				
...												

Gud taem

Weak taem

Ki infomesen



Plis givim ol infomesen long ol eria we oli gat isu long Helt, WASH, fud sekuriti mo disasta infomesen:

- Talemaot ol impoten sisen blong komuniti, olsem ol volnarabol taem, drae sisen.
- Talemaot ol impoten sisen we ol pipol oli dipen long hem, olsem taem blong fis, frut.
- Talemaot sapos komuniti i luk eni jenis long ol paten ia?
- Talemaot ol sik we weta o taem kaikai i sot i save kosem long ol olgeta.

AKTIVITI 4.4: TRANSEK WOKABAOT



Objektif



- Luksave ol mak blong disasta long eria blong komuniti.
- Luksave volnarabiliti mo ol risk eria blong komuniti.
- Blong luksave kapasiti/ risos mo ol sef ples long komuniti.

Taem blong karemaot wok



- 2 hawa.

Fasin blong karemaot wok:



- **Mekem wan storian wetem ol komuniti** memba blong faenemaot ol ples we ol disasta oli bin hapen beis long ol isu we yu luk long historikal profael mo sisonal kalenda.
- **Dro wan transek wokbaot** tebol long bigfala pepa (luk eksampol long nekis peij) mo putum ol nem blong ol eria we bae yu visitim.
- **Wokbaot i go long ol difren ples** long komuniti wetem ol pipol.
- **Stop long ol ples we yu gat intres** long hem mo askem kwesten folem tebol mo tekem pija.
- **Taem yu finis wokbaot yu fulumap tebol.** Bae yu raet o dro ol infomesen folem ol topik we i stap (luk eksampol long nekis peij).
- **Ansa long ol ki infomesen kwesten** mo mekem ripot long disasta plan blong yu.

Ki infomesen



- Askem ol olfala blong stori blong fastaem.
- Wokbaot ia hemi wan gud taem blong faenem ol ples blong putum ol memori mak.

Materiel mo risos



- Bigfala pepa/ maka.
- Pepa blong tekem daon ol samting yu lukluk long hem.
- Disasta plan -Transek wokbaot.

KLAEMET JENS



Traem blong lukluk long ol eria blong graon we klaemet jenis i save jenisim:

- **Kostal Erosen** – ol wud long kostal eria i nomo gat, sanbis i stap go daon.
- **Solwota i go insaed long groan** mo long ol wel blong wota from level blong solwota i stap go antap. Jenis long renfol i save kosem:
- **Flad i stap kam plante** (mekem damej long haos/ garen, wota i wasem aotsaed long riva) – Draot o drae taem i stap kam plante (damej long garen/ nogat wota)

JENDA



- I gud blong gat wan man mo woman blong fasilitetem aktiviti ia blong mekem se oli save storian long ol mama mo papa long taem blong wokbaot.
- Ol olfala man mo woman oli ol gudfala risos from oli save ol eria we disasta i save kilim bigwan from se oli luk fulap ivent bifo finis i kam



TUL: TRANSEK WOKBAOT



Objektif Lukaotem ol samting ia:

- Ol hasat mo risk eria (ples we win i strong, flading eria, ples we tsunami i save kasem, landslaed eria...).
- Ol samting we oli leftemap volnarabiliti (povati, i no gat sanitesen, i nogat wok, sabsistens laef i had...).
- Kapasiti (Sef ples mo sef rod, Helt Klinik, telekomunikesen, wel...)
- Naturol Envaromen (Riva, hil, wud).
- Jenis lo envaromen long ol pas yia i kam (i save hapen from klaemet jenj, natrol o man i mekem).

Fasin blong karemaot wok:



Lokasen

Laevlihud

Hazad mo Ris

Kos we i mekem se wiknes I kam bigwan

Kapasiti

Natrol envaromen

Jenis ova lo ol yia

	ERIA A	ERIA B	ERIA C
	Hil	Plantasen	Kolosap lo Riva
	Bus (hunting ples..)	Karen: taro, banana...	Vilij
	Lanslaet	Win blo saeklon	flad
	Ol man oli kutem daon olwud	Klearem ol bus	Haos i kolosap lo riva
	Bigfala wud i holem graon	Ol man oli planem wud	I gat floa haos
	bus	Karen	Vilij
	Rain i stap kam antap	Befo ol karen oli biwan bitim naola	Populesen i kam antap

Ki infomesen



List blong ol infomesen long ol eria : Helt, wota mo sanitesen, fud sekuriti mo ol disasta:

- Wanem ol mein hasat mo mein isu we i stap hapen? (ol damej folem disasta, sik...).
- Wanem nao ol kapasiti/ risos blong komuniti blong manejem ol isu ia?
- Wanem nao ol mein jens wetem fastam (kos laen, kaen kaikai long garen, akses long sevis...)?
- Raetem daon ol ples we oli identifiaem blong putum ol memori mak. Raetem daon ol nem blong sef ples mo hamas pipol oli save akomodetem.

AKTIVITI 4.5: MAPING



Objektif



- Map hemi wan pikja we oli drowem blong samaraesem ol infomesen we i stap long wan eria (risk eria, sef ples, sef rod...).

Taem blong karemaot wok



- 4 hawa.

Fasin blong karemaot wok:



- **Presentem ol stamba tingting blong map** i go long ol patisipen.
- **Lukluk i go bak long ol infomesen we yu kolektem** long ol narafala aktiviti.
- **Presentem ol hasat map blong VMGD** sapos e i gat (volkanu map, tsunami, flad...) blong mekem se komuniti oli save se oli ekspos olsem wanem.
- **Mekem wan frem blong map**, putum taetol, droem "not aro" mo ol ki blong map.
- **Droem ol samting we i stap insaed long komuniti folem ki** (bilding, transpot) Putum nem blong ol eria.
- **Mekem diskasen long ol risos mo risk**, evakuwesen mo eli woning sistem mo droem ol infomesen taem ol CDCCC oli agri.
- **Presentem map ia long komuniti**, karem ol tingting blong olgeta mo mekem wan klin map.

Ki infomesen



- Bifo yu go long komuniti, lukaotem ol hasat mo ol risk map we VMGD i mekem long eria we yu wok.
- Faenem wan man we i save dro gud.
- Mekem aktiviti ia wetem ol CDCCC nomo. Olgeta bae oli jes presentem long komuniti memba.
- Ysum ol difren kala long ol RISK eria (red) mo ol kapasiti olsem ol sef ples mo sef rod (grin).
- Droem bakegen long komputa ol map blong putum insaed long disasta plan.

Materiel mo risos



- Bigfala Pepa / kala maka.
- Disasta plan – Risk map.
- VMGD hasat map.
<http://www.geohazards.gov.vu/index.php/resources>

KLAEMET JENS



Maping hem i wan gudfala janis blong droem ol jenis we i stap hapen long komyuniti. Ol jenis ia maet oli no ol taem from klaemet jenj be from impakt blong ol man long envaromen (Karem sanbis, katem daon ol wud long ol kostal eria).

- Yu save droem:
- Ol jenis we yu luk long kostal erosen.
 - Eria we olfala garen i stap long hem.
 - Ples we vilij i muv i go long hem.



JENDA

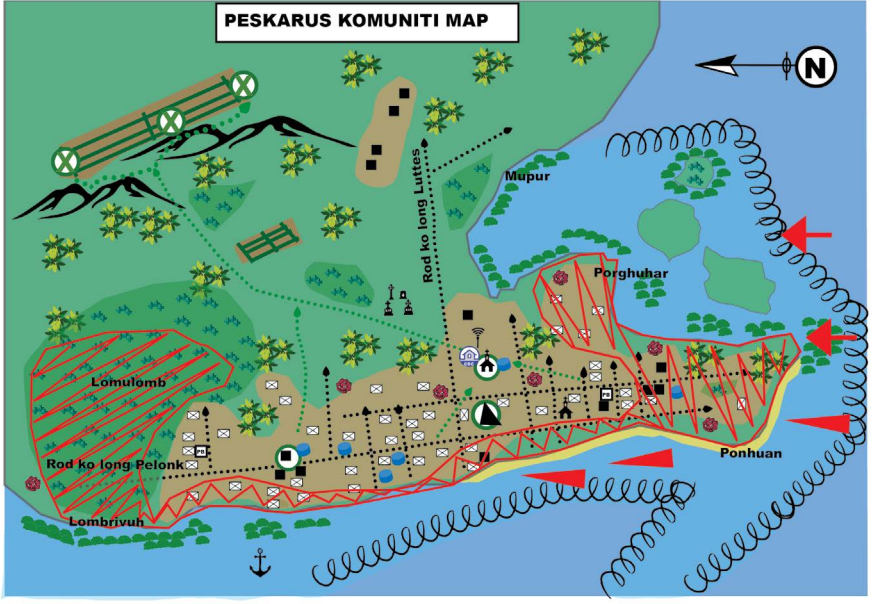
- Mekem sua se tingting blong ol mama we oli stap long CDCCC oli putum insaed long map ia.
- Traem karem ol infomesen long ol aktiviti blong olgeta folem ol grup blong olgeta (man, woman, olfala, yut...).

TUL: KOMUNITI MAP

Fasin blong karemaot wok:



● Folem eksampil andanit ia blong mekem komuniti map blong yu.



KI BLONG MAP

INFASTRAJA MO RISISIS			RIS MO DAMEJ		RISPONS PLAN
HOAS	TRANSPOT	WATA	NATUROL RISISIS	DENJA	EVAKWASEN PLAN
Weak haos	Footpat	Wota Tank	Karen	Flad eria	Sef rod
Jej Haos	Pasis		KoKonut Plantasan	Kostol erosen	Saeklon sef ples
Komuniti Haos			Mangrove	S aeklon win	Sunami Sef ples
Strong Haos			Sanbis	Bigfala Ston	
Private Business			Rif Cos Line	Wud we i save foldan	RISPONS PLAN
Grev yard			Hill		Teleradio
CDC Haos					

Ki infomesen



Traem blong kolektem ol infomesen long map:

- Wanem bigfala hasat we komuniti i save luksave?
- Putum daon ol difren seves we komuniti i gat (olsem helt klinik)
- Wanem rod blong toktok nao i gat blong yu save pasem eli woning long hem?
- Talem sapos evriwan oli stap long risk eria mo oli gat sef rod blong folem i go long sef ples long saed long ol hasat we oli stap.



NATAPAU COMMUNITY (LELEPA)

KEY

- Water supply
- Sea transport (Goods)
- Population growth
- Migration services
- Health services
- Good governance

the
- Garden
- Casuarina - Rd
- the houses
- the restricted area
- swimming pool
- the
- the
- the