

MEGHALAYA COMMUNITY LED LANDSCAPE MANAGEMENT PROJECT

**Gital A·bachengatani Tangkana Dakna
Nanggnirangko Talatgipa**

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Tok 1: Talatchengani

1.1 Project-ko Talatani

World Bank-ni dakchakaniko on·enggipa project, Meghalaya ‘**Community – Led Landscape Management Project** (CLLMP), Meghalaya-o a·a-chini bidingo pangchake kam ka·gipa, ong·telaigipa gamrangko jinma apsan bakrime chalaianiko bilakdapatna miksonganiko daka. Meghalaya Basin Management Agency (MBMA) ia Project-ko bilsa 5-na 2018 bilsioni 2023 bilsiona kam ka·enga.

A·dokni dingtangmanchagipa ong·telaigipa gamrangko nirok-simsakaniko dakgipa cholrangko jakkaleming a·a nosto ong·ani ba chamangani, chi man·a nengani aro bilsa-karini dingtangrorobani a·sel nengnikanirang baridaproroaniko namatna gita ia project miksonganiko daka. Projectni minggipin miksonganirangara songni manderangko aro nangchapgipa dolrangko namedake bilakdapatna ong·a jedake, ong·telaigipa gamrang, jekai a·a, chimik aro gipin chini bakrang, buring-bolgrim aro pilak janggi gnanngiparangko a·a nosto ong·aniko namatani bewalrangko jakkale nambate nirok-simsakani aro chalaianiko dakna gita Meghalaya sorkarini nangchapgipa line department-rangko bilakdapatani. Ong·telaigipa gamrangko name-simsake chalaianiko dakgipaoniko namgniko man·a aro nirokna gita ui-masiani, changa-sapani aro kamko namdapatani cholrangko on·achisa ua kamko dakgen. Ia project, ong·telaigipa gamrangko name simsake chalaigipao pilak tik ka·anirangko dakgiparango gisik nangbate bak ra·china gita me·chik aro chadamberangko bil gnanngatanina mongsongbate gisik on·batgen.

1.1.1 A·ako Nama Bewalo Jakkalani: A·ana bilongen susagrikanirang ong·ronga – a·a damsakon gama-ge·aniko dakna, sam-bolrangko ge·na, gisikni kusina dakgipa kamrangna, a·ningni bosturangko bikotna aro uandakgiparangna jakkalna man·gen. Indioba, a·ako jakkalna tik ka·anirango, mandena nengnikaniko ra·bajana gita a·ako nosto ong·atgija ba moila ong·atgija, man·aniko, janggi tangani chol aro janggi tanganio namgnirangko baridapatna gita maikai a·ako nambate jakkalna man·genchim uko chanchiani bilongen gamchatgipa ong·a. Ia tarisamsoani aro tik ka·aniko dakani bewalrangkon a·ako nama bewalo jakkalani ine agana. CLLMP project, a·a aro chini nosto ong·aniko komiatna, buring-bolgrimko namdapatna aro chimikrangko taridape chi man·aniko namdapatna uarangni japangko bilakdapatniko dake songni manderangko a·ako namgipa bewalo jakkalna tarisamsoaniko dakna dakchakaniko on·gen jean songni manderangni janggi tanganina namgniko man·batgipa a·arangko ong·atgen aro gipin janggi tanganiko namdapatgipa kamrangna dakchakaniko on·gen jedake eco-tourism.

1.2 Samtangtang aro Ong·telaigipa Gamrangko Talatani

Meghalaya a·doko, ong·telaigipa gamrangni japang silroro-namroroatanio nangrimgipa ong·a, maina tangdoataniko on·gipa kamrang jekai gama-ge·ani, pul, me·su·samjak aro biterangko ge·ani, sam-bolrangko ge·ani aro songre-songgabatani a·bakuko namroroatanirang uano pangchaka. Indioba, a·dokni ong·telaigipa gamrang taraken bon·angroroangenga. 2011–2012 bilsiona nirok-sandianiko dakani gitade, a·dokni a·arang 22 percent-mangni gita nosto ong·atako man·aha, mongsongbate sam-bolrangko bon·atanichi (19.4 percent) aro a·arang chamanganichi nosto ong·atako man·aha (2.37 percent). A·briarigipa biaprango a·a a·mitim chamanichi gama-ge·aniko dakna namjaha aro

a·a rue aro chi dal·e a·sel ong·anirangkoba baraiataha. A·doko bilongbee a·ba cha·anirangko dakanian buring·bolgrimrangko gimatgipa aro nosto ong·atgipa mongsongbate ong·a. Una agreba, a·gilsak gimikna bate mikka bang·bate wagipa biap ong·genchimoba, da·ororo Meghalaya·ni mitam songjinmarango chi man·a nengenga. A·doko dil 60,000 chimikrang donga jerangan 80 percent manderangna ringani chiko on·a. Indioba, ua chimikrangoni 54 percent·de tipaha ba chi jokani komaiaha. A·doko 77 percent buring·bolgrimrang dongachim, indioba diltubegipa buringrang chamatako man·e buringni rokkom namroroangjaengaha.

Meghalaya·ora dingtangmanchagipa jinmachi dilgipa Natural Resource Management (NRM) ba ong·telaigipa gamrangko nirok·simsakani bewal donga. India·oni bang·bata a·dokrangoni district dams, jeon buring·bolgrimrangko chel·chake rakkina aro nirok·simsakna gita a·dok daito ra·gipa, Meghalaya a·doko 90 percent ong·nasipile buring·bolgrimrang a·dokni mongsonggipa jatrang jekai Khasi, Garo aro Jaintia jatrangni, an·tangtangni jatni dakrongbewal aro niamrang pangchake nirok·simsakaniko dakgipa ong·a. Uamangni, an·tangtangni a·arangko jakkalani bewalo pangchake bak dakani ritichani riticha bilsirangna dakbaenggipa ong·a. Ua niamrangni a·selan sacred grove·rang dake dongipa buring·bolgrimrangko chel·chake rakkiaha. Ua sacred grove·rangara sam·bol aro do·o·matrangni rokkomrang bang·batgipa biaprangoni dams ong·a aro uarang chibimaona chi jokanggipa biaprangko chel·chake rakkia. National aro State Forest Law·rang da·onakingkingde ia jinmachi nirok·simsakaniko dakgiparangko ra·chakaniko dakkuja. Uandakgipa jatni dakrongbewalrangni gimin re·baenggipa chasongrangona on·rikrikgijan gimangengaha. A·dokni serikanirango ua buring·bolgrimrangara jeko daknaba champengani grigipa ong·a aro bang·bata bakrangan a·dokni dolrangoniko maming dakchakaniko man·ja. Da·odipetde a·doko chini bidingo nangchapgipa dolrang ba chiko nirok·simsakna dongimin niamrang dongkuja. Buring·bolgrimrangko gitan chini bak, chibima aro chimikrangkoba ramranggipa gam ine chana aro uarang jatni dakrongbewalo pangchakgipa dolrang nirok·simsakaniko daka.

Tok 2: Gital A·bachengatani Tangka

2.1 Gital A·bachengatani Tangka

Ong·telaigipa gamrangko chalaina gita name tarigimin technology·rang aro jatni dakrongbewalrangko da·o jakkalengmitingoba, gitalgipa nambatsranggipa dakanirangko see rakiani aro ra·chakani nangbegipa ong·a jekon tangdoatna man·gen, jeon gimangenggipa dingtangmanchagipa dakrongbewalko tangchatpilano dakchakaniko on·gen aro unbaksana, gital chanchianirang aro gital technology·rangko bikotna kadongataniko on·gen jeon a·dokni nengnikanirangko chagroneggipana namatpilani cholrangko on·gen. Ong·telaigipa gamrangko chalaiano bak man·pana aro tangkame rakkina gita maikai an·tang saksan aro jinma tik ka·aniko daka aro an·tangtang kam ka·achim uko gital dakaniba apsandaken gamchatgipa ong·a. Kosako janapgiparangko chu·sokatna gita CLLMP gital a·bachengatanirangna tangkako chamaha.

2.2 Miksonganirang

i) Chasongna tangkamgipa ong·telaigipa gamrangko chalaianiko dakna gita gital a·bachengatanirangna dakchakaniko on·a jedake, a·a, chi aro buring·bolgrimarangko ripingani aro chel·chake rakkiani; mikkangchinaba chanchie ong·telaigipa gamrangko jakkalani; nosto ong·gimin ba buring chamgimin a·arangko namatpilani; bilsikarini dingtangrorobaniko champengsona on·gilpani aro rongtalgipa aro maming namgijako on·gijagipa technology·rangko ra·gatani aro jakkalani.

ii) Jinmachi dilenggipa NRM-na kam ka·anirango gital a·bachengatanirangna ka·dongataniko dakani jean chasongna tangkamgipa ong·telaigipa gamrangko chalaigipaoniko nambate nirok·simsakna aro namgniko man·a gita jinmako bil ganangataniko daka.

Kosako janapgipa miksonganirangko chu·sokatna gita ka·mao on·sogipa dingtang dingtang kamrangna project dakchakaniko on·gen:

a) Gital a·bachengatanirangko am·sandiani, jean jatni dakrongbewalo ui·masiani, kam ka·ani bewal aro dolrang ba technology aro uarangko jakkalani rokkomo ong·gen.

b) Gital a·bachengatanirangko see rakkiani, seaniko namdapatna tususaniko dakani, gipatani aro tangdoatani.

c) Gital chanchiani ba gital technology·rangko namdaproroatani aro unbaksana uamangni bading·chiwalanio jakkalanina dakchakaniko on·ani.

d) Namatanirangko dakna gital a·bachengataniko janappipako sandi·rikkitaniko dakani aro uko kam ka·ani.

2.3 Kamni Biterang

Meghalaya-o, project-ni ningo gital a·bachengatanirangna aro gital a·bachengataniko dakani cholrangna dakchakaniko on·gipa ka·mao on·sogiparangko ong·atgen:

i) Tangkamgipa ong·telaigipa gamrangko chalaianiko ong·katatgipa namatpilaniko dakgipa gital cholrangna mande sakprakprak aro dolrang ra·chakako man·a.

ii) A·doko ong·telaigipa gamrangni nosto ong·aoniko namatpilna gita gital namatpilani cholrangko am·sandie man·a.

iii) Jatni dakrongbewalo ui·masiani aro namgipa dakrongbewalrangko tangchatani aro on·rikrikanganiko dakani.

iv) Dolrangni baridapani jekai, jatni dakrongbewalni dolrang, songni gadangni NRM committee·rang, me·chik aro chadamberangni dolrang aro ui·masianiko on·achi aro gital bikotgipa technology·rang aro dakrongbewalrangko namdapatani aro uarangko a·a jakkalanina tarisamsaniko dakna jakkalachi bil gngangatgipa mande sakprak.

v) A·arangko nirok·simsakani tangkamgipa bewalrangni ningo a·ako baridapata.

2.4 Gital A·bachengatani Chol

Gital a·bachengatani tangkako, gital dakbewal ba technology·rangko gital a·bachengatgiparangna jakkalna kragipa ong·gen aro dingtangataniko ra·bagipa jekai da·o donggipa dakbewal ba technology·rangko ra·gatgiparangnaba jakkalna kragipa

ong·gen. Uaragara dakbewal ba technology-ko gital bewalo jakkalani ong·gen ba technology aro kam ka·ani bewalko ba gital biapo dakbewalko a·bachengatani aro jarikanirangko apsan nangrimate kam ka·anirang ong·gen. Jatni dakrongbewalo ui-masiarang jekai living root bridge-rang, sacred grove-rang, aro gama-ge·anina wa·achi chi salbae on·anirangko gital a·bachengatarangni ningo bak dakatna ma·gen. Jinmani gipin dakgipa kam ka·ani bewalrangko uarang dingtangmanchagipa ong·osa ra·chakaniko dakgen (ramram ui-masiarang ba a·dok ba a·song gimikon ka·enggiminrangde ong·ja).

Kragipa gital a·bachengatanirang scientific sandi-rikkitani aro sakkichi pangchakgipa aro chanchiani sakkiko dake mesokgimin ong·na nanggen. CLLMP-ni ningo ong·telaigipa gamrangko chalaianio bak dongpagipa jinmarang gital a·bachengataniko, jakkalna aro ra·gatna kragipa gadang ba tangka on·ani somoina badie gital a·bachengataniko namroroatdapanganiko chanchianiko dake maini gimin gital a·bachengataniara kamni biteko man·anio chu·sokbegipa ong·gen uko ra·gatna aro talate on·a namgipa ong·a ine ra·chakna nanggen. Uko jakalanio, gital a·bachengatgipako ra·gatani ong·bewal gadangko am-sandina nanggen (Mesokna gita, gital a·bachengatgipa bilsisani somoio a·a 700 Ha-o a·a chamanganiko komiatna dakchakgen, bilsni gnio 1400 Ha; ba gital a·bachengatgipa nokdang ge 5000 na ui-masianiko man·aniko baridapatan baksa namgnirangko on·gen). Ua a·kanganirangko parakna gita sakkirangko on·a nanggen. Project-rang ra·gatani damrangna nisan dona man·gen, aro da-o ra·gatenggipako, tangka on·asienggipa kamrang, man·a nisengsogipana ka·dongsogipa on·gilani, bak dakgipa damrang, tangkani gamchatani aro dakdraanirang baksa nirok-simsakaniko dakgen.

2.5 Kragipa Gital A·bachengatgiparangni Rokkomrang

Sl. No.	Gital A·bachengatgiparangni Rokkomrang	Talatani aro mesokanirang
1	Tangkamgipa NRM-na technology-ni bidingo gital a·bachengatani	<p>Tangkamgipa ong·telaigipa gamrangko chalaianina miksonganirangko chu·sokatna jakkalgipa technology aro nangchapgipa bewalrang, changa-sapani, aro kam ka·ani bewalrangko namroroatani, namdapatani, tangdoatani, gipatani ba jakkalani</p> <p>Ua iarangko man·chapa indiba iarang mangmangsande ong·ja:</p> <ul style="list-style-type: none"> - A·a aro chiko ripinge rakkigipa, janggi gnanggiparangko ripinggipa, nosto ka·gipa jo·ongrangko nirok simsakgipa, nosto ong·gimin a·ako namdapatgipa, a·a, chi aro balwani nosto ong·aniko champenggipa, nosto ong·gipa biaprangko tangchatpilgipa aro bilsni-kari dingtangani kri ra·gatna man·gipa technology-rang.

		<ul style="list-style-type: none"> - Mesokna gita, gama-ge-aniko dakgipa biapna wa-achi chi salbae on-ani, a-ba cha-anina gital bewalrangko a-bachengatani, kam ka-na tarisamsogipana technology aro kam ka-ani bewalko namdapatani, a-a jakkalanina tarisamsoani aro chalaianio GIS-ko gital chanchianirang baksa jakkalani, living root bridge-rangko nirok-simsakani, NTFP certification (aro chasongnan buringoniko namgnirangko man-angkuna gita name simsake uarangko ra-aniko dakani).
2	Tangkamgipa NRM-na kam ka-ani bewalko gital a-bachengatani	<p>Tangkamgipa ong-telaigipa gamrangko chalaianiko dakna jinmarangko bil gnganganiko dakgipa kamrang, kam ka-ani bewalrang aro kam ka-ani biaprang; iarangni bidingo man-chapgipa gital a-bachengatanirangara:</p> <ul style="list-style-type: none"> - Kam ka-ani bewalrang jerangan ong-telaigipa gamrangko niam gita tarisamsona aro ripingna, jatni dakrongbewalo ui-masianiko ripingna aro gipatna aro ong-telaigipa gamrangko ripinggipa kam ka-ani biaprangna kam ka-ani bewalko dingtanganiko dakna ka-dongatani. - Mesokanirangara, dingtangmanchagipa kam ka-ani bewalrang jekai sacred grove-rangko bilakdapatani, jatni dakrongbewalo ui-masainiko aro kam ka-ani bewalko see rakkiani, Ecosystem Service-rangna gamaniko dakna cholko bikotani, name simsakgipa, samtangtangna maming namgijako ong-atgijagipa songre-songgabatani a-bakuko ong-atna songni kam ka-ani bewalrangko bilakdapatani, Eco-tourism committee-ko bikotani/kam ka-aniko namdapatani
3	Jatni dakrongbewalo ui-masiani	<p>Jatni dakrongbewalo ui-masiani bidingo gital a-bachengatanirang ka-mao on-sogiparangko ra-chakgen aro pangchakgen:</p> <ul style="list-style-type: none"> - Songni manderangni gisepo aro mikkang chasongrangna jatni dakrongbewalo ui-masainiko tangkame rakkina gita see rakkiani, sualani aro on-rikrikaniko dakani. - Namgipa jatni dakrongbewalko tangchatna, da-o dongenggipa dakbewalko tangdoatna aro ka-sine gimaroroangenggipa namgipa dakbewalrangko jakkalna ka-donganiko dakna gital bewalrangko jakkalani. - Mesokanirangara, sacred grove-rang, living root bridge-rang, aro name a-a jakkalani, NRM aro bilsikarini kri kam ra-gatanina ui-masianirangko

		jakkalaniko ripinge rakkiani.
4	Samtangtango nengnikanirangko chagronggipako namatna gital chanchianirang	<p>Gital a·bachenganirang ia bakode kosakni bakrangoni baksao ga·akgen, ia bako a·dokchi samtangtango nengnikanirangko chagronggipana namatani cholrangko on·a gita kamrangko namdapatna sandi-rikkitani aro gital chanchianirangna dakchakgen.</p> <ul style="list-style-type: none"> - Nengnikaniko namatna gita nengnikaniko man·engipako namatna kam ka·engipako sandi-rikkitani aro namatani cholrang ba gital technology-ko tariani ba masigipa technology-ko jakkalani - Nengnikaniko namatna gita dolrang aro kam ka·ani biaprangko bikotna ba kam ka·ani bewalni dingtanganiko jako ra·na jinmarangko uiatani, kamna tarisamsyani aro kam ka·aniko namdapatani - Samtangtango nengnikanirangko namatna masigimin technology ba kam ka·ani bewalko gital bewalo jakkalani - Masigimin ra·bianirangko mesokaniko dakanirangara buring-bolgrimrangni bon·anganiko namatani, a·ningni gamrangko bikotanichi moila aro nosto ong·ataniko namatani, gamchatgipa jatni dakrongbewalo ui-masianirangni gimaani, ong·telaigipa gamrangni bidingo nanggrikanirang, bilsikarini dingtangrorobaniko champengsoaniko dakna kam ragatani, a·sel ong·anirangko champengsoani NRM-ni cholrang, chi man·gipa biaprangko chel·chake rakkiani, songre-songgabagatgipa manderangchi samtangtango nosto ong·atgipako nirok-simsakani aro uandakgiparang.

Tok 3: Kam Ka·ani Bewal aro Dorgasto Galna Kragipa

Gital a·bachengatgipa aro stakeholder-rangna kamrangko kragipa bewalo ka·na, kamko apalbate ka·na aro cholrangko on·a gita gital a·bachengatani tangkako minggni apsangrik ong·gipa bewalrangchi watataniko dakgen:

3.1 A·bachenge Gital A·bachenganiko Dakgipani Gimin Agangrikani aro Gital A·bachengatani Tangka

Songni manderangni dingtangmanchagipa aro gitalgipa jatni dakrongbewalo ui-masianiko see rakkina aro unbaksana technology-rangchi aro dolrangchi namataniko dakna nanggipa mongsonggipa nosto ong·atako man·gimin biaprangko ui-masina gita ia project, a·bachenge gital a·bachenganiko dakgipani bidingo agangrikanirangko bang·en ong·atgen.

3.1.1 Jinma agangrikaniko dakna pangchakani japang kattarangko ka-mao mesokatenga indiba iarangmangmangsande ong-aija:

- Ong-telaigipa gamrangko chalaianiko dakna jatni dakrongbewalo ui-masiani
- Meghalayani dingtangmanchagipa man-rikrikgipa ong-telaigipa aro jatni dakbewalrangni gunrang
- A-a aro chiko ripinge rakkiani gitalgipa cholrang
- Chimik ong-katgipa biaprangko tangchatpilani aro nirok-simsakani
- Buring-bolgrimrangko ripingani aro tangchatpilani
- Bilsikarini dingtangrorobaniko komiatna kam ka-ani
- Rongtalgipa aro maming namgijako ong-atgijagipa technology
- Me-chikrangchi gital a-bachengatanirang
- Dingtangmanchagipa dolrang aro kam ka-ani bewalrang jerangan samtangtango ripinge rakkianio ba samtangtango nengnikani ong-giparangko namatanio chu-sokgipa ong-aha

3.1.2 Gital a-bachengatani bidingo jinma agangrikaniko dakgipao bak ra-na gita mande sakprak aro dolrangoniko basena gita okamataniko dakgen. Gital a-bachengatani bidingo jinma agangrikaniko dakna gita CLLMP website, songbad, radio, songni manderangna on-gipa uiatanirangko dakgipa bosturango aro saksa sakgipina ku-sikchi aganrikrike uiataniko dakgen. Mande sakprakan aro dolrang uano bak ra-na gita an-tangtango ba sakgipinrangko seokna man-gen. Seokaniko dakgipako songni gadango VNRMC committee-na, Block-ni gadango Block level line department representative-rangna aro District-ni gadango District Project Management Unit (DPMU)-na on-a man-gen.

3.1.3 Jinmani agangrikanio bak ra-na dorgasto galna kragiparangara:

- Meghalaya a-dokna dongimin gital a-bachengataniko dakna kragipa ong-ani gimin on-gimin a-selrango gita ong-gipa (section 2.5) maibako dakna chanchisoani ba gital a-bachengataniko dakani sakkirang ganggipa mande sakprak ba dolrang
- Meghalaya-ni pilak songrangoni, songni manderangni dolrang aro songni sorkarini dolrang
- Meghalaya-ni pilak songrangoni Village Executive Committee-rang aro Village Natural Resource Management Committee-rang
- Meghalaya-ni University-rang, Skulrang aro Science Club-rang
- Meghalaya a-doko ba district-o bilsik 3-na kam ka-aha ine sakki gnganggipa civil society aro non-governmental organisation-rang

3.1.4 Gital a-bachengatani bidingo agangrikaniko dakgipa mande sakprakna aro dolrangna uamangni chanchianirangko aro gital a-bachengatanirangko talate on-a gita cholko on-gen. Agangrikaniko katta japango pangchake ong-atgen aro districrangni gisepo dingtangmanchagipa jajrengatanirang, mongsonggipa biaprang aro dingtangmanchagipa bewal aro jatni dakbewalo ui-masiarangni bidingo parakna gita nisan donaha. Project-ko ka-ani bilsik 4-rangni gisepo gital a-bachengatani bidingo agangrikanirangko chang 15-20 na ong-atgen ine chanchisoaha aro gital a-bachengatgipa ming 50-80 mangko talataniko dakaha aro dakchakaniko on-aha. A-doko gital a-bachengatanirangko parakaniko bariatna aro gital a-bachengatanina chanchianiko tarakbatatna gita district aro block level line department-rang, VNRMC committee-rangni memberrang aro jatni dakbewalo pangchakgipa dolrangni skotongrang pilakon agangrikaniko dakgipao bak ra-china gita ka-donganiko dakgen. Gital a-chengatgiparangko sulsul see rakkianiko dakgen. Tok 4-o janapgipa baseaniko dakani a-selrango pangchake district innovation committee a-bachenge gital a-bachengataniko dakani tangkarangchi, tangka-paisani bidingo dakchakaniko on-a gita kragipa gital a-bachengatanirangko baseaniko dakgen.

3.1.5 Je gital a-bachenganirangkon namdapatangkuaniko dakatna, tangdoatna aro ra-chakaniko dakna District Innovations Committee baseahachim uarangna skanggipa gital a-bachengatani tangkako on-gen. Seokgimin a-selrangko chu-sokatgipao pangchake mande sakprak ba dolrang tangka gong 1,00,000-oni gong 5,00,000-ona dakchakaniko man-gen. Seokgiminrangna tangkako on-a gita bon-kame ra-chakaniko State Innovations Committee aro State Project Management Unit (SPMU) dakgen. Tangkako man-sogipa a-bachenge gital a-bachengataniko dagkiparang jadokni jaman ba tangkarangko korosna jakkala jaman uamangni gital a-bachengatgipa kamrangni utilization certificate aro kam chu-sokroroani gimin agan-talataniko on-a nanggen. Je gital a-bachenganirangan tangka bang-bate nangachim uarangko Fund Search Committee am-sandianiko dakgen.

3.2 Gital A-bachengatani Tangka: Workshop-rang aro Gisiko Skaniko Parakna Okamatani

Project-ni ningo, CLLMP-ni kam ka-anirangko tangdoatna aro chu-sokatna dakchakaniko on-giparang songo ba district-o ka-gipana bate apalbatgipa biapo aro apalbate jakkalaniko daggipa aro tangka bang-bate nanggipa gital a-bachenganirangko, bang-a Regional aro State Level Workshop-rangko ong-ate SPMU, Deputy Commissioner-rang/District Innovations Committee seokaniko dakgen. Workshop-rangko ong-atna skang, songo, district-o, a-doko aro a-songni gadango NRM-o nangchapgipa dingtangmanchagipa jatni dakbewal aro gital a-bachengatani bewalrangna SPMU aro DPMU sandianiko dakgen. Deputy Commissioner-rangba district-tangtangniko gital a-bachengataniko dakna man-gipa bewalrangko am-sandianiko dakani mongsonggipa kamrangko ka-gen.

Sandie man-giparango aro sandianiko dakmitingo gital a-bachengataniko dakna man-gipako name che-em che-em nianiko daggipao pangchake seokako man-gipa dolrangko uamangni kam ka-na chanchisogipako on-a gita okamatgen jekon Additional Project Director-ni dilenggipa Deputy Project Director-rang, OSD MINR aro maibao changgipa-saggipa manderang gnanggipa memborrhani Technical Committee-chi name nianiko dakgen. Kam ka-anirangko nipilaniko dagkiparangko bon-kame tik ka-aniko dakna gita State Level Innovations Committee-ni mikkangona ra-bagen. Bon-kame seokako man-gipa gital a-bachengataniko dagkiparangko State Level Workshop-o talate on-aniko dakna okamatgen jeon uamangko uamangni kamni kri gadango dongen. Chubatgipa gadangni sak 5-ko che-em che-em mangsonganirang jeon tangka-paisani gimin mangsonganirangko man-chapa, ua baksana gisiko skaniko parakna gita okamatgen. Che-em che-em mangsonganirangko bon-kame chanchianiko dakna State Level Innovations Committee-ni mikkangona ra-bagen.

Kosako on-sogiparang baksana, sacred grove-rang aro living root bridge-rangni a-doko dingtangmanchagipa kamrangko ka-aniko masieming Meghalaya Basin Management Agency gital a-bachengatani tangkarangchi kosako janpagipako dakna gita ja-ku de-aniko dakgen.

3.2.1 Uamang Meghalaya a-dokona dorgasto galengon kragipa ong-na gita gital a-bachengataniko dakna kragipa ong-ani gimin on-gimin a-selrango gita ong-na nanggen (section 2.5) aro uarangko ka-mao on-sogiparangna chol oe on-gen:

- Maibako dakna chanchisoani ba gital a-bachengataniko dakani sakkirang gnanggipa mande sakprak ba dolrang
- Meghalaya-ni pilak songrangoni, songni manderangni dolrang aro songni sorkarini dolrang
- Meghalaya-ni pilak songrangoni Village Executive Committee-rang aro Village Natural Resource Management Committee-rang
- Registered Civil society aro Non-Governmental Organisation-rang

- Ra-chakaniko dakgimin Academic Institution-rang
- Private Sector dolrang ba songsal aro samtangtangna namgniko on-giparang baksa kam ka-gipa India-o lapna kam ka-gipa company-rang

3.2.2 Gital a-bachengatanirangko sandiani aro baseaniko tarake sandi-rikkitaniko dake aro SPMU aro District Innovations Committee-rang baksa donggipa aro ka-dongna man-gipa network-rangchi dakjringgen. Seokako man-gipa gital a-bachengataniko dakgiparang Annex 2-o on-gipa application form-o gita mangsonganirangko on-gen.

3.2.3 Tok 4-o talatgipa a-selrango pangchake State Innovations Committee-chi nianiko dakgipao panchake mangsonganirangko baseaniko dakgen. Mangsonganirangko baseahaon, bon-kame tik ka-aniko dakna skang mangsonganirango maiba namdapatani ba on-dapanirangna committee ku-patainiko dakna man-gen. State Innovations Committee-oniko dolrang maming uiatanikoba knajaode, uamang seokaniko man-jaha ine chanchichipna nanggen.

3.2.4 Dakna nanggnirangko talate aro unbaksana kam chu-sokroroani aro tangka-paisani bidingo nanggipa, tangka gamaniko dakna nanggipa, tangka on-ako man-a kragijagipa kamrang (Annex III) aro gipin niamo gita nanganirangni gimin agan-talataniko dake seokgimin dolrang baksa contractko soi ka-gen.

Tok 4: Seokaniko Dakna Pangchakgipa A-selrang

Grassroots Innovation Fund-ni ningo mande seokna minggipako man-sogipa aro Call for Proposals-ni ningo janapanirangko man-sogipako ka-mao on-sogipa a-selrango pangchake District Innovations Committee aro State Innovations Committee nianiko dakgen:

Skanggipa A-sel: Kamni Bitena On-gilani

1. Chanchiani ba janapani tangkamgipa ong-telaigipa gamrangko chalaianina on-gilaniko dakama?
2. Samtantango bilongbee nengnikaniko chagrongenggipako namatani cholko uara on-ama?
3. Baditana chanchianirangara dintangmanchagipa aro gitalgipa ong-a?
4. Baditana uko kam ka-chakatna man-gen?
5. Badita apale gital a-bachengatanirang chu-sokgipa ong-gen? (Badita Ha a-a ba mande sakna gital a-bachengatani chu-sokgipa ong-na man-gen, chanchianiko dakbo)
6. Uanora chu-sokaniko (Technology-ko namdapatna ba jakkalna a-a, chini bakrang aro chel-aniko rongtale mesokgipa) aro chongmot somoiko rongtale aro tona man-aniko mesokani dongama?

Gnigipa A-sel: Chu-sokatna Man-gipa

7. Ua seokgipa mandeo ba dorgasto galenggipao kamko chu-sokatna aro project-ko chalaina changa-sapani, ui-masiani aro dake uiani dongama?
8. Ua dorgasto galenggipa mandeo jinmarang baksa chu-ongagita bakrimanirang dongama aro project ka-enggipani gimin uiama?

9. Ua dorgasto galenggipa mandeo kam chu-sokgiminko nirokani aro kam chu-sokgipao pangchake namdapatniko dakna tarisamsoanirang dongama?
10. Ua dorgasto galenggipa mandeo kam chu-sokgiminko agan-talatna aro agangrikaniko dakna tarisamsaoni dongama?
11. Chu-sokatna amaniko namdapatna gita ua dorgasto galenggipa mande gipinrang baksa bakrimna chanchiahama?

Gittangipa A-sel: Tangka-paisani Bidingo Nianiko Dakani

12. Tangka-paisani bidingo agansamsoani bebe ong-ama aro project-ni kamrango nangrimama?
13. Gital a-bachengatgipa ba chanchianiko dakna amgipa tangka jakkalna namen kragipa ong-ama? (uni a-ana aro mandena namgniko on-a man-ani, uko kam ka-ani somoi, gipinrangni pal ua dingtangmanchagipa gital a-bachengatani ba chanchianio tangka jakkalani cholko chanchianiko dakbo)
14. Gital a-bachengatani ba chanchianirangna ua dorgasto galenggipa mandeoniko ba gipin cholrangoniko tangka-paisa on-gilaniko man-soani dongama? (lan ua dorgasto galenggipa mandeo ka-dongna man-ani aro uni mansonganiko mesokgen)
15. Project-ko a-bachengatbebena man-genma aro project-na dongimin somoini gisepon uko matchotatna man-genma?
16. Tangka man-soanirang dontongahaoba gital chanchiani ba a-bachengatanirangko dakangkugenma?

3.3 Dorgasto Galani Ainrang

Dorgasto galenggipa manderang seokaniko dakanio aro dorgasto galanio mitam ainrangko jarikani uamangni daito ong-gen:

Gisik On-anio Meligrikijani: Ia project-ni ningo gital a-bachengatani tangkarangko ong-telaigipa gamrangko chalaiani, a-a jakkalani aro jinmani man-gnirangko namdapatgipa gital a-bachengatanirangna dakchakaniko on-a man-enga. Dorgasto galani aro seokani jerangan an-tangtangni aro dolni namgninasan chanchiaigipa ong-ode ia project-ni ningo dakchakaniko man-jawa. Maiba masisogipa ba ong-na man-gipa gisik on-anio meligrikijanirang dongode, dorgasto galenggipa mande uarangara maiarang ong-gen aro uamang mai cholchi uako namatna ja-ku de-gen uarangko uiatna nanggen ba ong-jaode an-tangan ua meligrikijaniko namataniko dakbo.

Kakket Ong-gijagipa aro Dilsretaniko Dakgipa Uiatani: Kakket ong-gijagipa ba dilsretaniko dakgipa uiataniko on-aniara Indian Penal Code-ni Section 415-ni ningo bilongen niam pe-ani ong-a ine dorgasto galenggiparang uiana nanga.

Donuani aro Donuani Grigipa: Dorgasto galenggipao pilak uiatanirangko on-gipara tangka on-ani aro dorgasto galgipako nianiko dakani kamrangna ong-a. Uiatanirangko on-achi dorgasto galenggipa mande ua uiatanirangko kosako janapgipa kamna aro gipin nangchapgipa kamrangna jakkalna gita department-na bil on-enga. Department, ua dorgasto galenggipa mandeni gimin uiatanirangko nangchapgipa dolrangna parakna man-gen

jerangkon nianiko dakna, program-ko nirokaniko dakna ba uandakgipa uiatanirangko niam gita man-ani kamrangna jakkalgen. Janapginim a-selrango pangchake, dorgasto galgiparangko kragipa aro maming donua grigipa bewalrangchi seokaniko dakgen aro uamangni uiatanirangko on-gipao pangchake tangkako man-enggipa mandena uiataniko dakgen. Ia a-selrango pangchake committee-rang bon-kame tik ka-aniko dakgen.

Kragija ba Ong-gija Dakaniko Namatani: Jinmarang aro mande sakprak jemangan kam ka-anichi bilongbee namgijaniko man-aha ine chanchiachim uamang district aro a-dokni gadango donggipa project-ni gita kragija ba ong-gija dakaniko namataniko dakgipao ba WB-ni Grievance Redress Service-o (GRS) badi ka-aniko dakna man-gen. GRS project-ni bidingo nangchapgipa nengnikanirangko namatna gita badi ka-aniko man-soani bakan nipilaniko daka. Nengnikataniko man-gipa jinmarang aro mande sakprakan WB-ni Inspection Panel-na badi ka-aniko on-a man-gen jean WB-ni ainrang aro kamni bewalrangko jarikgijani a-sel namgija ong-ahama ba namgijako ong-atgenma uarangko nianiko daka. Nengnikanirangko World Bank-na uiataniko dakani jaman badi ka-aniko on-a man-gen aro Bank Management-na uarangna aganchakaniko dakna cholko on-aha. World Bank-ni dol Grievance Redress Service-na (GRS) maikai badi ka-aniko on-gen, uko uie ra-na gita <http://www.worldbank.org/GRS> oniko nibo. World Bank Inspection Panel-na maikai badi ka-aniko on-gen, uko uie ra-na gita www.inspectionpanel.org oniko nibo.

Annex 1: State aro District Level Innovations Committee-ko Songani

Je gital a-bachengatenggipanan tangkako on-genchim uko am-sandigipa, kakket ong-aniko parakgipa, seokgipa aro ra-chakaniko dakgipa dolrangara District aro State Level Innovations Committee ong-a. State Level aro District Level Innovations Committee-ko songani aro dakna nanggnirangko ka-mao mesokatenga:

1. State Level Innovations Committee (SLIC)

State Level Innovations Committee (SLIC) ka-mao on-sogipa memberrang donggipa ong-na nanggen:

Chairman: Agriculture Production Commissioner
Member Secretary: PD CLLMP
Executive Director MBDA
Director MBDA
DPD CLLMP
OSD MINR

Gipin memberrangara uani bidingo ui-masigipa manderangoni aro gital a-bachengatanirango pangchake mongsonggipa gital a-bachengataniko dakgiparangoni ong-gen.

State Level Innovations Committee-ni dakna nanggnirangko ka-mao on-soaha:

1. Tik ka-aniko dakna am-gipa gital a-bachengatani japangko ra-chaka.

2. Bimchipe kam ka-aniko daka jamano gital a-bachengatgipa ine bak dakna kragipa kam ka-ani bewalrangko ra-chaka, jerangan kam ka-gipa biapona re-ange niani, kakket ong-aniko niani, man-a amgipa kam ka-ani bewal aro tangka-paisarangko man-gopa indiba iarangmangmangsande ong-ja.
3. Jinmachi gital a-bachengataniko dakgipako am-sandianiko dakna aro see rakkina cholrangko dona.
4. A-dokni ning-a aro apaloni gital a-bachengataniko dakgiparangko sandina gita sandi-rikkitaniko dakna ge-etaniko on-ani aro dolrangko seokani.
5. Ong-telaigipa gamrango pangchake kam ka-anirangna dakchakaniko on-gipa gital jatni dakrongbewalo ui-masiani, technological aro gipin gital a-bachengatgiparangko gipatani aro namdapatani dakgipa cholrangko ra-chakaniko daka.
6. Mande sakprak, dolrang, aro NGO-rangchi janapaniko dakgipako on-a gita namedake nianiko dakani, ra-chakani aro ku-pattianiko on-ani.
7. Gital a-bachengatanirangko bimchipe aro name chu-soke dakna aro cha-boke cha-aniko gimatna dakna nanggnirangko talatgipa aro naljoke rakkigipa lekkrang baksana namgipa cholrang, chu-onggipa tangka, aro namgipa gadangrangchi dakatna man-a gita aro tangkani biding, kam ka-ani, jakkalani bosturang aro tangkarangko jakkalaniko chu-ongge see rakkianiko dakatna gita nirok-simsakani aro nipilani cholrangko agan-ku-pattianiko daka.
8. Namedake nianiko dakna aro State Level Committee-na janapanirangko dakna ku-pattianiko on-a gita District Level Innovations Committee-na kam ka-ani bewalrangko tariani.
9. Tik ka-aniko dakanio aro gital a-bachengatanirangko namdapatano jinmarang bak ra-na gita cholko tariani.
10. District Level Innovations Committee-na bilrangko aro kamrangko pakwatani.
11. Gital a-bachengatani tangkana dorgasto galengmitingo dol aro bakrime kam ka-na bil gnanganiko niani.
12. Jeon kragipa ong-a, gital a-bachengatani tangkana janapanirang name chu-sokna gita bilakdapatani dakna aganchakaniko aro ku-pattianiko on-ani.

District Level Innovations Committee:

Chairman: Deputy Commissioner
 Member Secretary: District Planning Officer
 District Programme Manager CLLMP
 Ka-mao on-sogipaoni memberrang ong-gen:

Gipin memberrangara uani bidingo ui-masigipa manderangoni aro nianiko dakna amgipa gital a·bachengatanirango pangchake mongsonggipa gital a·bachengataniko dakgiparangoni ong·gen.

District Level Innovations Committee-ni dakna nanggnirangko ka·mao on·soaha:

1. Ong·telaigipa gamrangko ripinganiko dakgipa jatni dakrongbewalo ui-masiani, kam ka·ani cholrang, songtangni technologyrang, songsal aro jatni kam ka·ani bewalrangko am·sandianiko daka aro jinmarang ku·rang on·aniko dakna aro jinmarangni gipin kam ka·anirangna cholrangko on·eming bimchipe aro namedake nianiko dakachi namroro·silrooataniko daka aro nipilaniko aro ra·chakaniko dakchina gita ua apsankon State Level Innovations Committee·ona watata.
2. Ong·telaigipa gamrangko namdapatani kamrangko jinmarang talataniko dakna aro ui·masiani aro dake uianirangko saksa sakgipina agananiko dakchina ka·dongataniko daka.
3. State Level Innovations Committee·chi pakwatgipa bilrang aro kamrangchi gital a·bachengataniko dakgiparangko sandianiko daka.
4. District·tango gital a·bachengataniko dakgiparangoni mangsonganirangko on·gipako ra·chaksoa aro ua apsankon namedake nia jaman ra·chakaniko dakna gita State Level Innovations Committee·na watata.
5. State Level Innovations Committee·chi pakwatgipa bilrang aro kamrangchisan kam ka·aniko daka.

Annex 2 Gital A·bachengatani Tangka: Agan-Talataniko Dakgipa Lekkako On·ani

1. Gital a·bachengatani rokkom (kragipako salsretbo)

1.	Tangkamgipa NRM-na technology-ni bidingo gital a·bachengatani	<input type="checkbox"/>
2.	Tangkamgipa NRM-na kam ka·ani bewalko gital a·bachengatani	<input type="checkbox"/>
3.	Jatni dakrongbewalo ui-masiani	<input type="checkbox"/>
4.	Samtangtango nengnikanirangko chagronggipako namatna gital chanchianirang	<input type="checkbox"/>

2. Gital a·bachengatani ba chanchianiko talatani sakki (katta ming 600-chi)

Gital a·bachengatanina chanchigipara maia, gital a·bachengatani gadang (sandi-rikkítani, dake niani, kam ka·chakatani, tangdoani) aro maini gimin uara gital a·bachengatgipa dake kragipa ong-a, uni dingtangmanchagipa ong-ani, Meghalaya-o jakkalna man-ani, tangkamgipa ong-telaigipa gamrangko chalaina man-gipa ba a-dokni mongsonggipa nengnikanirangko chagronggenggipako namatna man-gipa ong-ani gimin talatbo. Uano nangchapgipa photorang ong-ode on-chapbo.

3. Project-ko talatani (katta ming 600-chi)

Project-o chanchianirang ba gital a·bachengataniko kam ka·chakatani aro uni chol aro tangdororona man-ani bidingo talatbo aro ia a-kanganirang kakket ong-a ine parakna gita sakkirangko on-chapbo.

4. Project ka-gipa biap aro Stakeholder-rang (katta ming 250-chi)

Project ka-gipa biap aro je stakeholder-rangan gital a-bachengatgipao bak man-pagen aro namgniko man-gen, uarangni gimin talataniko on-bo; Project ka-gipa biapni noksa dongode on-bo.

5. Project-ni kamrang

Je project-ni kamrangkon bak dake ba apsan somoion ka-genchim aro kam mingprakko ka-ani somoirangko talataniko dakbo.

6. Project-na chamsoani

Kamni kri aro bilsini kri chamsoaniko on-bo; Gipin cholrangoniko tangka man-anirang dongode janapaniko dakbo.

7. Mesokaniko Dakgipa aro Nirok-Simsakani

Projectko matchotatna somoi donsoa gita ia gital a-bachengataniko chu-sokataniko mesokani chinara maia aro uarangko maidake nirok-simsakgen? (Mesokani chinrang dingtangmanchagipa, tona man-gipa, chu-sokatna man-gipa, nangchapgipa aro somoi gita chu-sokatna man-gipa ong-na nanga, mesokna gita, 'skanggipa bilsio 100 Ha a-a aro gnigipa

*bilsio 200 Ha a-ako namataniko dakani' 'xyz technology-ko jakkalna sak 400-na skie on-ani'
'memborrong sak 10 uanoni 50% de me-chikrang baksa xyz committee-ko chu-sokbeen
songaha'*

8. Uiatani aro Agan-Talatani

*Mikrakatanirangko bariatna aro tangdoataniko man-a gita maikai project-ni
chu-sokanirangko manderangna uiatna man-gen talatbo.*

9. Chanchichipsogipa Kengnirang

*Gital a-bachengataniko ragatani ba chu-sokataniko nosto ong-atnagipa chanchichipsogipa
ba ong-na man-gipa kengnirangni gimin talatbo?*

10. Projectni somoina bate tarisamsowanirangko kam ka-chakatani

*Gital a-bachengatani tangkarangko man-soani dontonga jaman project ka-ani somoio
ra-gatgipa kamrangko maikai tangkame rakkigen talatbo*

11. Dol aro Kam Ka·ringiparang

(Namdapatani ba gital a-bachengataniko dakanio nangchapgipa membor sakprakni ba dolprakni gimin kandike talatani)

12. Gipin Uiatanirang

Dorgasto galenggipa manderang uamangni dorgasto on-enggipana maiba uiatdapanirangko on-ani.

Annex 3: Gital A·bachengatani Tangkarangko On·a Kragijagipa Kamrang

Pilak kamrangan <http://mclimp.com> website-o donggipa project-ni Social and Environmental Management-ni pangchakani lekkarangko jarikgipa ong·na nanggen.

Kamrang jerangon ka·mao on·sogipa a·selrang dongachim, uamang songsalna aro samtangtangna namgijako ong·atani gimin janapgimin project-ni ningo dakchakaniko man·a kragijagipa ong·gen.

1. Acts of Gol aro GoM-ni gita apsan ong·gijagipa kamrang.
2. Ka·mao on·sogipa biaprangko jingjengatgipa ba nosto ong·atgipa ba do·o·matni dongram, naljoke rakkigipa biaprang ba ripinge rakkienggipa buringrangko nosto ong·atgipa kamrang:
 - Siju Wildlife Sanctuary, South Garo Hills
 - Nongkhylllem Wildlife Sanctuary, Ri-Bhoi District
 - Baghmara Pitcher Plant Sanctuary, South Garo Hills
 - Balpakram National Park, South Garo Hills
 - Nokrek Ridge National Park, East Garo Hills
 - Nokrek Biosphere Reserve, East, West and South Garo Hills
 - Narpuh Wildlife Sanctuary, East Jaintia Hills
3. Kamrang jerangan buringni sam·bolrangko bang·bee den·aniko daka.
4. Check damko metre 3 bate chue rikna nanggipa kam.
5. Kamrang jeon WHO-ni gadang IA, IB, ba II-o ga·akgipa jo·ongna satgipa samrangko jakkalna nanggipa aro jo·ongna satgipa samrangko ba bisigrakgipa gama·ge·anio jakkalgipa samrangko bang·e man·e on·a nanggipa.
6. Kamrang jerangan a·ako apalbee rongtalaniko daka, chini bakrangoniko a·mang·a·dubekrangko kote gala, a·solsolrangko name den·ja, aro namgijako ong·atkamna man·gipa an·tangari chaigipa sam·bolrangko gipin sam·bolrangchi ge·dapskaniko dakgiparang.
7. Je kamrangan buringo wa·al kamataniko ong·atna man·gen.
8. Projectni je kamrangan bilongbee a·ako nosto ong·ata aro chini bakrango a·mang·a·dubek danata.
9. Bi·sarangko kam ka·ataniko dakgipa je kamba.
10. Kamrang jerangan jatni mongsonggipa biap, gamchatgipa biap aro skang chasongni bosturangko ripinge donenggipa biaprangko bilongbee nosto ong·atgen.
11. Ge·etani gri den·a on·gijagipa bolrangko den·aniko dakgipa kamrang.
12. Ong·telaigipa gamrangko jakkalna beng·aniko dakna ba uarangko jakkalna man·ani cholrangko gimatna mangsonggipa kamrang, jedake samna jakkalgipa sam·bolrang ba janggi tangani cholna gamchatgiparang.
13. Je kamrangan Asbestos gnanggipa bosturangko jakkala.
14. Samtangtangko nosto ong·atna man·gipa aro janggi gnanggiparang ba chini bakrangko jingjengatgipa sam·bolrang, matburingrang ba gipin jonturangko ra·baani.
15. Dol ba mande sakpraknasan man·gnirangko tangdoatna tarigipa kamrang.

16. Kamrang jerangan mongsongbate daito ra·na nangipa ba dorgasto galenggipa mandeni kamrang.
17. Kamrang jerangan niamo bil gnanggipa gipin kamrangni ningo ong·a.
18. Meghalaya-ni apalchi kam ka-giparang.