



**SENSITIZATION WORKSHOP  
ON  
DISTRICT LEVEL PLANNING  
UNDER SUSTAINABLE DEVELOPMENT GOALS  
2030  
(Executive Summary & Write-Up)**



**GOVERNMENT OF MIZORAM  
Planning & Programme Implementation Department**

## **DISTRICT PLANNING COMMITTEE (DPC)**

**Buatsaihtu :**

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## **EXECUTIVE SUMMARY (ENGLISH)**

- I. The 73<sup>rd</sup> & 74<sup>th</sup> Constitutional Amendments paved the way for grassroots participation in governance and people's planning to the forefront.
- II. Article 243ZD of the Constitution of India mandates that there shall be constituted in every State at the District level a District Planning Committee to consolidate the plans prepared by the Panchayats and the Municipalities in the district and to prepare a draft development plan for the district as a whole.
- III. As mandated under Article 234ZD, Government of Mizoram also constituted a District Planning Committee in every district except Lunglei District, where HPC is in place, to plan, monitor, evaluate, review and coordinate development initiatives in the district and to exercise such other powers as may be assigned by the Government from time to time vide Memo No.G. 28014/54/2006-PLG Dt. 20.4.17.
- IV. The DPC shall, in preparing development plan, have regard to : (a) Matters of mutual common importance in the society; (b) Spatial particularity; (c) Sharing financial, physical and natural resources; (d) Integrated development of infrastructure and environmental conservation.
- V. Local planning requires a bottom-up approach, necessitating the development of a sound vision at the community and village levels. It also requires a pro-active role of the local level institutions at the planning and implementation stages.

- VI. There are certain vexed issues/challenges in the constitution and working of DPCs in the State largely as regard to the function, power, and authority vested on the District Planning Committee (DPC) and the implementation process of the proposals of the Committee.
- VII. The Presentation, inter alia, calls for a fruitful discussion/deliberations on certain issues relating to Decentralized planning particularly the effective functioning of District Planning Committees in Mizoram.

## **DISTRICT PLANNING COMMITTEE (DPC) (MIZO)**

Ram Danpui (Constitution) Article 243ZD-a tarlan angin, ram bung/State thenkhat, 73<sup>rd</sup> & 74<sup>th</sup> Constitutional Amendment Act-in a huam loh chin zawng tih loh-ah chuan, State tinah District Planning Committee (DPC) hi din tur a ni. Hemi dungzui hian Panchayats/Village Councils leh Municipalities-te'n District hmasawwna tur an ruahmanna (Development Plan) chu DPC-ah an thehlut ang a; 'tichuan DPC chuan zirchianna nei lehin chumi zulzui chuan a ùl angin District pum hmasawwna (Development Plan) a siam ùin tur a ni.

Ram danpuiin DPC hnena thuneihna a pek angin DPC hian Panchayats/VC leh Municipalities-te mamawh/duhdan inang (Common Interest) thlir chungin Development Plan a siam tur a ni a. He'ng - tui insem dan tur, leilung hausakna (natural resources) insem dan tur, hmasawwna ruhrel siam hna zaikhata luanitir (integrated development of infrastructure), sik leh sa inthlak danglam venna (environmental conservation) leh Panchayats/VC leh Municipalities-te hmasawn theihna tur atana sum leh pai baka kawng awm thei ang anga puih theihna kawng dapte leh hemi tihlawhtling tura Institutions leh Organisations biakrawn te chu DPC mawhpurhna tura dah a ni a. Ram Danpuiin a duh ang chuan DPC tan hian State sorkarin 'Dan' a siam tur a ni a, a puipate pawh thlan (elect) ùin tur a ni.

Amaherawhchu, vawiin thleng hian Article 243ZD-a tarlan ang taka DPC kalphung tihlawhtlin kawngah State-te'n hma an la

muang tlang hle. India ram pum huapa zirchianna thenkhat a tanga DPC dinhmun lo langte chu :

- (1) Tuna DPC kan neih mekah hian lang thei khawpa hmasawna hnawthawh hmuh tur a awm meuh lo. DPC meeting koh a ni ngai meuh lo va, member tam zawkin an mawhphurhna an ngaipawimawh tawk lo bawk. Meeting neih chang pawhin member thahnemngaithe thu sawiin ngaihpawimawh a hlawh ngai meuh lo bawk.
- (2) Planning siam laia thawhhona a that tawk loh avangin Thingtlang – Khawpui inlaichinna (Rural – Urban Linkage) tha a awm hleithei lo. Hei hian nasa takin hmasawna a ti thuanawp. Khawpui Local bodies-te'n Development Plan an siam, Urban Development Department-ah direct-a a thlen thin avangin DPC-in ngaihpawimawh a hlawh mawh hle.
- (3) Kalphung pangngai (status quo) thlakthleng duh lohna awm thin hian Inter-Sector thawhhona (Co-ordination)-ah harsatna a thlen thin. Entir nan – Scheme thenkhat - NREGA, SSA, NRHM leh JNNURM-a Plan siam a nihin Village leh Municipal level-a Annual Planning nen inhne rema Plan siam a ni ngai meuh lo.
- (4) Thuneihna semzai chungchangah State sorkar inrawlhna a la lian hle. Local Bodies-te'n State sorkarin guideline a siam hma loh chuan an thuin Development Plan an siam thei thin lo. Dan naranin sorkar guideline siamah State sorkar thuneihna tur tam tak zeh-tel a nih thin avangin Tualchung level-ah

mipuite'n anmahnia Development Plan siam kawngah thuneihna an nei meuh lo.

- (5) Scheme kaltlanga Local bodies-te hnathawh tur sum pek an nihin, huam zim taka scheme siam a nih thin avangin Local level Plan siam a harsat phah.
- (6) Department hrang hrang duhdan anga Scheme pawhkhawm chawp hmanga hmasawna hna kalpui hian Plan tha tak siamchhuah a tihar. Chutih lain Local bodies thenkhatin hnathawhna tur ruahmanna (Plan) an siam ve chhunte ngei pawh hi hmasawna tluantling pawchhuak pha lo an ni fo.
- (7) State Plan hrang hrangte chu Mipui ruahmanna (Grass-Root Plan) behchhana siam a awm meuh lo.
- (8) Planning/Budgeting leh Execution atan kawng a thui deuh thin vangin hnathawhna hun tam tak khawhral a ni thin a. Hei vang hian Guideline zulzuia Local bodies-te'n hmasawna hna an thawhna atan hun tha a liam phah fo thin.
- (9) District Planning Machinery tha a awm mumal loh avangin District hmasawna tur ruahmanna siam chu MP leh MLA-te kutah a awm nasa hle thin.
- (10) DPC tana Secretariat hranpa neihtir kawngah hmalaknain duhthu a sam lo hle.
- (11) Mipui/khawtlang/nu leh pate hian hmasawna atana ruahmanna leh tihlawhtlinna kawngah beisei an la pha lo hle.

Ram Danpui (Constitution) Article 243ZD dungzuiin Mizoram sorkar pawhin kum 2017 khan hmasawwna atana ruahmanna siamtu leh tihlawhtlin a nih dan thlirzuitu tur District Planning Committee (DPC) a din a. He Committee-ina hmasawwna atana ruahmanna (Development Plan) a siam laia a ngaih pawimawh turte chu hetiang hian tarlan a ni :

- (a) Mipuiin rualkhai taka an mamawh tlan (Mutual common importance in the Society);
- (b) Ram leilung leh a awmna mila ruahmanna siam (Spatial Particularity);
- (c) Sum, hmasawwna ruhrel leh leilung hausakna rualkhai taka insem tlan theih dan tur (Sharing financial, physical and natural resources);
- (d) Hmasawwna ruhrel siam hna zaikhata luan tir leh min hual veltu thing leh maute humhalh.

He'ngte hi DPC hnathawh (function) tlangpui tura tarlante chu an ni bawk :

- (i) Khaw tlang tana tangkai tur leh mamawh, ram pum leh State sorkar target nena inchawiha ruahmanna siam;
- (ii) District huamchhunga leilung hausakna leh mih ring thiamna dinhmun khawnkawm a, remkhawm leh update zel;
- (iii) Hmasawwna ruhrel awm tawh dinhmun zirchiang a, hmasawwna thlen theitu tur thilte enfiah a, chhinchhiah mai bakah hmasawwna thlen tura hnathawktu mamawh leh



thiamna ngai duhtawk awm lohna Village, Block leh District Level-a zawnchhuah;

- (iv) District chhunga hmasawna kawnga a hnufual lai zawnchhuah a, chutiang khaichhuahna tur ram pum leh State programmes haichhuah a, hmasawn ngai nasa zual bik laite khaichhuak tura ruahmanna (blue print) siam;
- (v) Central leh State sorkar ruahmannate leh ram hruaitute Local Area Development Scheme hailut a, bihchian a, thlirlet;
- (vi) District chhunga hmasawna hnathawh dan State sorkara report pek;
- (vii) District hmasawna nawlpui atana hmalakna pawimawh hrang hrang chungchanga State sorkar hnena thurawn pek;
- (viii) State sorkarin hnathawh tur a pek-belh ang zela hmalak.

Sorkar Notification-ah DPC hnathawh tur chiang taka tarlan ni mah se, a mawhphurtute tana thil hriatthiam harsa tak chu thuneihna leh tihtur pek an nihnaa hmalak dawna harsatna awm thin hi a ni. DPC thenkhat chuan Nodal Department hnenah Committee thuneihna tur chin leh hnathawh tur chin chiang zawka hrilh-hre turin an ngen hial thin a ni. Chu mai bakah, mumal leh awmze nei zawka DPC a kal theihna turin sum an mamawh ang pek an la ni lo bawk.

Mizorama DPC dinhmun lo bihchiang ta ila :

- (1) 73<sup>rd</sup> & 74<sup>th</sup> Constitutional Amendments zulzuia District huamchhunga thingtlang leh khawpui inrelbawlnaa thuneitute'n hmasawna ruangam an siamin, DPC kaltlangin

tih a ni lo va, a hniam ber (Grass-roots level) atanga Plan siam a awm lo tluk a ni. Tin, mumal zawka statistical data lakkhawm leh Village Assembly-a ruahmanna mumal tak siamte chu thil harsa tak a la ni reng mai.

- (2) Nagaland, Meghalaya leh Mizoram te hi Ram Danpui (Constitution) Part IX & IXA hnuaiah Article 243 M (2) & Article 243 ZC bakah, clause (2) of Article 244 angin rinluh an ni ve lo va, chutih laia Constitution Article 243ZD behchhana Mizorama DPC din ve hi a kalphung tur a ni chiah lo maithei.
- (3) He'ng Sixth Schedule Area-a MADC, LADC, CADC-te hi anmahni huamchhunga dan siam theihna leh thuneihna tam tak nei tawh sa an nih avangin, an area-a DPC dintir hi an mamawh ber em tih pawh hi zirchian ngai tak a ni.
- (4) 74<sup>th</sup> Constitutional Amendment-in hmasawna tluantling (Sustainable Development) neihna tur atana ruahmanna siam kawngah mipui tel ve pawimawhna chiang takin a tarlang a. Hemi zulzuia Gram Sabha/Village Assembly leh Village Council / Local Council-te'n an awmna area theuha Planning process-ah an tel ve loh chuan kan beisei anga hmasawn a har hle niin a lang a. Tuna kan kalphung anga Rural-Urban Co-ordination tha nei tura NGO leh Line Department-te hmalakna hi chuan beisei a phak lo. Chuvangin, Panchayats/Village Council leh Municipalities-te a tam thei ang ber Planning process-ah an tel a ngai a ni. A nihna takah chuan Line Department-te'n hnathawh tur ruahmanna an siam

sa – statistical data lakkhawm, Project Proposal thehluh, etc tih vel bak lo chu DPC hian hma a sawn thei lo niin a lang.

- (5) DPC aṭanga Development Plan siamte'n a tak ram a thleng pha thei lo va, a chhan chu, thuneihna tak tak pek an nih loh vang a ni.

A chung a tarlan DPC kalphung thlirin, a hnuai a rawtnate hi sawiho ni se :

- (a) Article 243ZD-a tarlan angin, DPC khaipa turte chu a tlem berah Member hmun 5-a ṭhena hmun 4, population azirin District level Panchayat leh Municipalities aṭanga thlanchhuah tur a ni a, hetiang hian kalpui ve ta ila kan ṭhatpui ang em? DPC Chairman hi MLA ni zel ta zawk se kan ṭhatpui ang em?
- (b) Tun aia ṭha leh zual zawka thuneihna semzaina (Devolution of Power), Grass-root Democratic Institution-te tana kalpui a nih theih nan Article 243 M (2) leh Article 243 ZC siamṭha a, Part IX & IXA of the Constitution huam china Mizoram rinluh ni se. Panchayati Raj System hi a nihna ang taka kalpui hi a ṭha zawk ang em?
- (c) 73<sup>rd</sup> & 74<sup>th</sup> Constitutional Amendment zulzuia Local bodies din chhoh a lo nih zel takah hian Sixth Schedule Area-a District Council-te hi a la relevant em? District Headquarters leh Census/Notified Town-ahte hian Municipal bodies din ni vek zawk se a ṭha ang em?
- (d) Lunglei District bik tana din Lunglei High Powered Committee (HPC)-in ama puala thuneihna leh sum a neih ang hian tuna

District tina DPC din tawh-ah hian thuneihna leh hnathawhna tur sum pek ve theih ni se a ṭha ang em?

- (e) District pum huap Planning / Development kawnga hmalaknaa inlaichinna ṭha zawk DPC leh Line Departments, Directorate leh DPC-te'n an neih theih dan tur hi ngaihtuah chhuah ni se.
- (f) Hmasawna hna thawh kawngah tun ai hian District Administration hi thuneihna tam zawk pek ni se, DPC hi a chak phah sawt thei ang em?
- (g) DPC mumal leh ṭha zawk kan neih theih nan hunbi neia Meeting koh ni se, member-te'n an mawhphurhna ngaipawimawhin ruahmanna siam kawngah ṭhahnem ngai lehzual se.
- (h) Thingtlang – Khawpui Inlaichinna ṭha (Rural - Urban Linkages) a awm theih nan Planning siam lain thawhhona ṭha siam ni se.
- (i) Planning lama mithiam bik, full time-a thawk thei tur District Planning Officer ngeiin District Planning Unit enkawl se, hetiang lama mithiam sorkarin a neih loh chuan outsource a, pawnlam mi, thiamna nei laklulh ni se.
- (j) A ṭul anga hma la tur atan DPC-in Sectoral Sub-Committee din se. He'ng Sectoral Sub-Committee-te hian hmasawna hnathawh, ruahmanna siam, hnathawh vil dan, hna kal zel dan tur, etc an zirchiang ṭhin ang a, chumi zulzui chuan hmalak zel dan tur report siamin, chu'ng data chu DPC-ah thehlut ṭhin ni se.

(k) Tuna kan mawmawh hmasa chu, a taka thuneihna semzai (Devolution of Power) kalpui a ni. Hemi tel lo chuan District level a tanga Development plan siam paw'n a tak ram a thleng pha lovang. 73<sup>rd</sup> & 74<sup>th</sup> Constitutional Amendment-in a sawi angin Mipui (Grass-root level) a tanga tanin, Planning Process siam tak tak tawh ni se.

Ram Danpuiin mipuite'n hmasawna ruahmanna (Development Plan) kawnga an tel ve theih nana State sorkarin a din DPC-te hian ram danpuiin a phut angin hnathawh an la nei meuh lo. Chuvangin, DPC-te'n awmze neia hna an thawh a, thuneihna tam zawk pek an nih theih nan he Sensitization Workshop hi min kaiharhtu lo ni ngei rawh se.

**Thu hmawrbawkna :**

Hemi kawngah hian State sorkarin mawh a phur lian hle. DPC hi sorkar ding lai timualphotu tur ni lovin, Development Plan siam kawngah District leh Local level a tanga a pui ang a, budgetary allocation thlengin State sorkar tan siam a awlsam phah dawn a ni. Tuna kan kalphungah hi chuan mipuite'n sorkarah 'Aw' an nei meuh lo va, hemi atan hian DPC hi hmanraw tanga tak tur a ni. Sorkar siam tura vote thlak mai bakah, Development Plan siamnaa mipui an tel ve hian hmasawna chak leh zual zawk a thlen ngei a rinawm.

**APPLICATION OF REMOTE SENSING AND GIS  
FOR DISTRICT LEVEL PLANNING**

**Buatsaihtu :**

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## **EXECUTIVE SUMMARY (ENGLISH)**

Space technology with reference to the application of Remote sensing and GIS has emerged as one of the mainstream pre-requisites in planning and implementation of many resource-based schemes and projects taken up by the Government and private organizations.

The concept of using Remote Sensing and Geographic Information System (GIS) refers to monitoring and mapping of the natural resources, thereby providing valuable and reliable data for further scientific analysis and implementation at grassroot level.

- I. There has been increasing need to obtain such reliable as well as quick information to formulate plans and policies for development of the state. Considering this issue, this technology can assist in mapping and formulation of plans and scientifically sound policies pertaining to resource development.

Realizing the need for its effective inclusion in such activities and in view of its future implications, MIRSAC is taking steps towards providing the demands of this technology in its mainstream application as well as user-specific and user centric services.

- II. Applications in Land use / Land cover :  
Land Use / Land cover mapping covers all land and water features which can be essential for the management of natural resources.
- III. Applications of RS and GIS in Agriculture :  
Diverse uses in agriculture such as land monitoring, crop area estimation, production forecast, drought assessment and monitoring, soil mapping and monitoring, pest/disease detection, inland fishery development, etc.
- IV. Applications in Land & Water Resource Planning :  
Identification of potential area for cultivation and systematic land use planning are noteworthy GIS interventions. Remote sensing & GIS data are essential information for activities related to identifying sites for bore-wells, hand-pumps, etc.
- V. Applications in Forestry sector :  
Using remote sensing data we can identify and delineate various forest cover & density, that would be difficult and time consuming using traditional ground surveys. Spatial data generated are useful for allied forest planning activities like Working plan (estimation of timber yield, stock assessment, management, etc) inputs.
- VI. Applications in Urban planning :  
GIS technology empowers urban planners with enhanced visibility into data which helps in evaluating the feasibility of proposed projects and predict their effects on the environment.



RS & GIS data provide inputs for smart city planning, traffic management, crime mapping, etc.

VII. Applications in Geology :

GIS data of base geomorphology & other geological data which can be integrated with other GIS layers assist in site suitability analysis, disaster and mapping of risk zones, etc.

VIII. MIRSAC is the nodal and apex body for all remote sensing and GIS activity in Mizoram. MIRSAC has extensive spatial data which are required for optimizing all planning and developmental activities for urban and rural areas. MIRSAC works closely with Indian Space Research Organisation to generate many of its spatial data.

## APPLICATION OF REMOTE SENSING & GIS FOR DISTRICT LEVEL PLANNING (MIZO)

Remote sensing leh Geographic Information System (GIS) thiamna hi India ramah chauh ni lovin khawvel hmun hrang hrangah hun tlem zawk leh sum tlem zawk senga hmasawna tur ruahmanna leh hmasawna tluantling neih theih nan an hmang tangkai mek a. Mizoramah ngei pawh Department thenkhat leh mimal ang te pawhin an hmang tangkai tan ve tawh a ni.

Remote Sensing chu Satellite emaw thlawhna a tanga thla kan lak te hmanga leilung zirchianna neih hi a ni a. GIS chu computer thiamna hmanga thlalak te, awmze nei leh khawvela an awmna hmun dik tak nena bel rem a, tangkai zawk leh awlsam zawka hman theih tura sawngbawl hi a ni.

Remote Sensing leh GIS hman tangkai theihna thenkhatte han tarlang ila.

1. Land Use/ Land Cover Mapping : Mihringte'n ram leilung leh ramngaw kan hman leh sawisak dan te bakah lei chunglanga luituite thlenga kut kan thlak dan hi vansanga thlalem (Satellite) a tanga thlalak hmangin chiang taka zirchian theih a ni a. Heta tang hian ramngaw khuh chin te, tlangram lo neih leh huan thlai chinna atana ram kan hman zauzawng te chiang taka zirchian leh hriat theih a ni. Chuta tang chuan hmasawna hnathawh tur hrang hrangte pawh awlsam leh zualin a duanchhuah theih a ni. Hei bakah hian ramngaw leh leilung hausakna awmte haichhuah leh hman tangkaina turah pawh awlsam takin thutlukna a siam zung zung theih phah a ni.

2. Agriculture : Thlai chinna atana ram hman dan hriat kawngah leh thlai chinna tura ram mamawh zat leh a tharchhuah theih zat tur chhutchhuah kawngah a tangkai hle a. Tin, hei bakah hian thlai chinna tura lei that dan hrang hrang zirchian te, zuva leh thlai natna avanga thlain a tuar dan te leh inven dan turte thlengin awlsam takin

a hriat theih a. Sangha khawina tur atana tuilak kawngah leh thlai mamawh atana hman tur tuilak kawngah pawh thui takin a chhawr tangkai theih a ni.

3. Land and Water Resources : RS & GIS hi leilung leh tui hmanga hmasawna hna hrang hrang thawh kawngah a tangkai hle a. GIS bik ngat phei hi chu tui mamawh reng thlai chinna tur zawn kawngah a pawimawh hle. Lei chunglanga tui awm lakchhuah leh tuihna thatna hmun zawn kawngah te a tangkai em em a ni. Tin, hei bakah hian lui tui hmanga inkalpawhna kawng (inland water transport) sial nan te hman tangkai chhoh mek a ni bawk.

4. Forestry Sector : Ramngaw chi hrang hrang leh an dinhmunte zirchian nan a tangkai hle mai. Hun tlem te hmangin Forest Working Plan siamna atana data pawimawh siamchhuah kawngah pawh MIRSAC hian hna a lo thawk tawh a ni. Hei bakah hian ram kang thlenna hmun leh chumiin a nghawng dante pawh a hriat theih bawk a. Ramngaw siamthatna leh ramngawa thilnung chanchin zirrate pawh a kalpui theih bawk a ni.

5. Urban Planning : Khawpuia hmasawna tur ruhrel din nana thil pawimawh tak ram hman dan te, ram awih dan leh dinhmun te, ramhmul awm dan leh tui awm dan leh a dangte hi RS leh GIS hmang hian siamchhuah vek theih a ni a. Inkalpawhna leh hmun pawimawh a khuain a mamawhte duanchhuahna kawngah awmze nei takin a tanpui thei .

6. Geology : Ram leilung zirchianna te, a chhungril zawka leilung hausakna haichhuah kawngahte hmanraw tangkai tak a ni a. Hmun him lo leh chhiatrupna lo thlen huna harsatna lo thleng thei thenkhatte hi RS leh GIS hmang hian a lo zirlawk theih a ni.

He'ng kan tarlan bakah hian RS & GIS hi hmasawna kawng tinrengah a hman theih a, ram changkang apiangin an hmang nasa zual zel bawk. India ram Central sorkar pawhin project plan nan leh

monitor nan a hmang ãan mek bawk. Mizoram Remote Sensing Application Centre hi Mizoramah chuan remote sensing leh GIS hna thawktu niin Indian Space Research Organisation-te nena thawkho ãhin an ni.

## **SUSTAINABLE DEVELOPMENT GOALS (SDGs)**

**Buatsaihtu :**

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## **EXECUTIVE SUMMARY (ENGLISH)**

- I. “Sustainable Development refers to meeting the needs of the present generation without compromising the needs of future generations” – The World Commission on Environment and Development, ‘Our Common Future’, United Nations, 1987
- II. Sustainable Development Goals (SDGs) are framed by United Nations, adopted by 193 countries on 25<sup>th</sup> September 2015 at 70<sup>th</sup> Summit of UN. India is signatory.
- III. It officially came into effect on 1<sup>st</sup> January 2016.
- IV. UN framed 17 Goals and 169 Targets for SDGs. Goals are policy ambition. Targets are actionable points to be further elaborated by numerical targets. These are : (i) Ambitious and global in nature, (ii) Universally applicable.
- V. SDGs Cell of Planning & Programme Implementation Department (Research & Development Branch) prepared ‘Mizoram Vision 2030’ which have 167 Schematic Indicators and 46 Targets. Based on this Vision Document, monitoring will be done as to whether we are approaching the target set or not. Monitoring will be started soon.
- VI. Localising SDGs down to the District level by customization of State’s SDGs will be one of important tasks to be performed by District Planning Committee (DPC).

# SUSTAINABLE DEVELOPMENT GOALS (SDGs) (MIZO)

## I. Sustainable Development awmzia

“Much of the environmental degradation witnessed today is due primarily to two groups of people – the top billion richest and the bottom billion poorest” – Nafis Sadik, Executive Director, United Nations Population Fund, 1991

“Sustainability must be strengthened as a guiding principle of development” – Boutros Boutros-Ghali, Secretary General, United Nations, 1994

“Environmental degradation poses a major threat to human security” – United Nations, Human Development Report, 1995

“Sustainable Development refers to meeting the needs of the present generation without compromising the needs of future generations” – The World Commission on Environment and Development, ‘Our Common Future’, United Nations, 1987

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‘Sustainable Development’ hi thil thar a ni lo va. United Nations Organisation (UNO) kaihhruaina hnuaiah mithiamte’n vawi tam an lo zirho tawh a, vawi tam tak an lo sawiho tawh thin. Economists zingah

ngat phei chuan hre lo an awm lovang; zirilaibu-ah a inziak kur ngei nguai a ni.

A chung a kan tarlan ang khian, tun chhuan (present generation) mamawh chauh ngaihtuah lo va, chhuan lo la awm turte (future generations) mamawh a lo awm zel theih nana kawng hrang hranga hmasawna (development) tihsei/awh-reitir (sustain) hi Sustainable Development-in a tum ber a ni a. A tawi zawnga sawi chuan, Sustainable Development awmzia chu – ‘khuarei daih hmasawna ngelnghet leh tluantling’ tihna a ni. Mahni hmakhua chauh thlira ram hmasawna nasa tak thlen a, a lehpek tana khek (reserves) awm lek lo khawpa resources hrang hrang hman-ral/khawh-ral/tihchereu hi he Sustainable Development hian a hlau em em. Environmental Economist-te chuan kan ‘environment’ – sik leh sa, leilung, thing leh mau, nungcha, etc chhia/chereu (degrade) zel tur hi dan a, humhim a ngaih thu an sawi uar em em a. Environment ber a khawloh chuan development hian chhuan tam a daih thei dawn lo a ni.

State Domestic Product (SDP) Estimates leh a kaihnawih Economic Growth Rate, Per Capita Income, etc hi a malkhaiah chuan ram hmasawna tehfung (Economic Indicator & Parameter) pawimawh ber an ni rih. Mahse, SDP Estimates hian hmasawna zawng zawng a hril vek kan tihna erawh a ni chuang lo. Hemi piahlah hian Human Capital (knowledge, experience, skills, etc) a san a ngai a; Environmental Capital (forests, soil quality, land quality, water quality,



climate, flora & fauna, etc) kan neih that a ngai. Human Capital Formation a that a, Environmental Capital a hrisei that bawh chuan Economic Growth tuantling kan nei thei chauh dawn a ni. Overall Capital Assets – (i) Manufactured Capital (Agriculture & Allied, Industries & Services Sectors) (ii) Human Capital leh (iii) Environmental Capital te hian ngai an awh chhoh (constant) zel emaw, an thatang chho zel emaw a nih loh chuan Sustainable Development hi a thleng thei ngai dawn lo.

## **II. Sustainable Development Goals (SDGs) awmzia**

UN hian Sustainable Development hi a ngaihpawimawh em avangin Agenda puiah a neih ta nghe nghe a; Sustainable Development Goals (SDGs) a buatsaih ta a ni. UN 70<sup>th</sup> Summit (25<sup>th</sup> September, 2015) khan ram 193 chuan SDGs hi an pawm a, India pawh kan tel.

SDGs hian ‘min thlenpui tum’ lian tak tak – GOALS 17 a nei a, GOALS zawng zawng hian note - ‘tinzawn bik’ – TARGETS engemawzat an pai a; UN SDGs Targets zawng zawng hi 169 a ni. Sustainable Development Goals han tarlang ila :

### **Goal 1 : NO POVERTY**

(End poverty in all its forms everywhere)

### **Goal 2 : ZERO HUNGER**

(End hunger, achieve food security and improved nutrition and promote sustainable agriculture)

**Goal 3 : GOOD HEALTH AND WELL-BEING**

(Ensure healthy lives and promote well-being for all at all ages)

**Goal 4 : QUALITY EDUCATION**

(Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all)

**Goal 5 : GENDER EQUALITY**

(Achieve gender equality and empower all women and girls)

**Goal 6 : CLEAN WATER AND SANITATION**

(Ensure availability and sustainable management of water and sanitation for all)

**Goal 7 : AFFORDABLE AND CLEAN ENERGY**

(Ensure access to affordable, reliable, sustainable and modern energy for all)

**Goal 8 : DECENT WORK AND ECONOMIC GROWTH**

(Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all)

**Goal 9 : INDUSTRY, INNOVATION AND INFRASTRUCTURE**

(Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation)

**Goal 10 : REDUCED INEQUALITIES**

(Reduce inequality within and among countries)

**Goal 11 : SUSTAINABLE CITIES AND COMMUNITIES**

(Make cities and human settlements inclusive, safe, resilient and sustainable)

**Goal 12 : RESPONSIBLE CONSUMPTION AND PRODUCTION**

(Ensure sustainable consumption and production patterns)

**Goal 13 : CLIMATE ACTION**

(Take urgent action to combat climate change and its impacts)

**Goal 14 : LIFE BELOW WATER**

(Conserve and sustainably use the oceans, seas and marine resources for sustainable development)

**Goal 15 : LIFE ON LAND**

(Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss)

**Goal 16 : PEACE, JUSTICE AND STRONG INSTITUTIONS**

(Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels)

**Goal 17 : PARTNERSHIPS FOR THE GOALS**

(Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development)

**III. Mizoram SDGs dinhmun leh kan thlen chin**

India ramah Five Years Plan system nuai-bo a lo nih tak avangin, Sustainable Development Goals tihlawhtling tura tanlak hi kan kalphung tur a lo ni ta a. Central lamah chuan Planning Commission thlaktu - National Institution for Transforming India (NITI) Aayog leh

Ministry of Statistics & Programme Implementation (MoSPI), Government of India-te'n UN nena tangkawpin hma an la a. Mizoramah chuan **Nodal Department – Planning & Programme Implementation Department (Research & Development Branch)**, Government of Mizoram leh Directorate of Economics & Statistics-te'n hma an la ve thung. UN-in Target leh Indicator a siam behchhanin National level-ah an siam a; chu chu State level-ah kan nihphung milin siam-rem (customise) a ni. National level, State level leh Department level-ah SDGs Framework behchhan hian 15 Years Vision, 7 Years Strategy, 3 Years Action Plan kalpuia tihhlawhtlin tum tur a ni.

August 11, 2016 khan State 'High Level Monitoring Committee' din a ni a. Hetiangin :

Chairman : Chief Secretary, Government of Mizoram

Member Secretary : Secretary, Planning Department

Members : Secretaries – GAD, Finance, H & FW, Rural Development, UD & PA, School Education, PHE, Social Welfare.

December 21, 2017 khan SDGs Indicator buatsaih turin 'Technical Committee on SDGs' din a ni a. Pu Lalchhuanawma Hrahse, Director of Economics & Statistics hi Chairman niin, Member Secretaries-ah Pu B. Lalrinhlua, Deputy Director, Directorate of Economics & Statistics leh Pi C. Lalnunsiami, Research Officer, Planning & Programme Implementation Department (Research &

Development Branch) te ruat an ni a. Member atan Line-Department zawng zawnga Nodal Officer-te ruat an ni bawk.

March 20, 2018 khan Planning & Programme Implementation Department (Research & Development Branch) hnuaiah ‘SDGs Cell’ din a ni a; heta thawk tur hian Department-a Line Officer-te bakah Consultant pathum (3) rawih an ni.

Technical Committee hian vawi engemaw zat meeting neiin schematic indicators a buatsaih a; Mizoram State tan Indicator 167 leh Target 46 a duang a ni. He’ng hmang hian SDGs Cell-in ‘Mizoram Vision 2030 (15 Years Vision, 7 Years Strategy, 3 Years Action Plan)’ a buatsaih a, he document behchhan hian Mizoramin hma kan sawn leh sawn loh teh a, endik chhoh zel tur a ni.

Government of Mizoram SDGs Format (Entir nan, Goal No. 1) lo thlir ila :

**GOAL NO. 1 : END POVERTY IN ALL ITS FORMS EVERYWHERE**

| SN | Goals | Target | Priority Indicator | Data Source | Intervention/Schemes | Department | Schematic Indicators | Baseline Data (Preferably 2015-2016) |             | Target    |           |           |
|----|-------|--------|--------------------|-------------|----------------------|------------|----------------------|--------------------------------------|-------------|-----------|-----------|-----------|
|    |       |        |                    |             |                      |            |                      | Reference Period                     | Data Report | 2019-2020 | 2024-2025 | 2029-2030 |

Goal tin hian Target engemaw zat an nei theuh a. Department hrang hrangin Target chan an nei a, Target hian Schematic Indicator an nei zel bawk. Target pakhata Indicator atan a changtu Department chuan Baseline Data 2015-2016 (2015-2016 Data) an dah ang a, 2015-

2016 data awm lohnaah chuan data awm thei hnaivai ber dah mai tur a ni. A theih chin chinah Target for 2030 hi dah tur a ni; dah theih ngang loh a awm ve baw k ang. Baseline Data kan en ang a, kum a vei zel ang a, 2030 Target tihlawhtling thei turin hma kan sawn em? 'Nge kan hnungtawlh zawk? tih hi Planning & Programme Implementation Department (Research & Development Branch) chuan kum tin zirchiangin a enfiah (monitor) ang a; Monitoring Report hi Central-ah a thawn thla thin dawn a ni.

#### **IV. District/Village Level-a SDGs kalpui dan tur (Localising SDGs)**

Khawvel a changkang zel a, National level leh State level a tanga District level leh Village/Locality level thlenga a tam thei ang bera hmasawanna hna chhawp-thlak (decentralise) zel hi tunlai mithiamte ngaih dan a ni. Sorkar laipui pawh hian SDGs hi State level-ah chauh ni lo, District level leh Village/Locality level-a kalpui turin min duh a. Hei hi Mizoram sorkar hian tihlawhtlin ngei tumin hma a la mek a ni.

(1) District tinah District Planning Committee (DPC), Deputy Commissioner kaihhraina hnuaiah din a ni a. District Research Officer-te Member Secretary niin he Committee hian District puma SDGs kalpui dan zirchiangin a enfiah ang a, hnufual lai leh chak lo lai bikte dawmkangin District mamawh leh hmalakna turte a enfiah zel ang. Report hi SDGs Cell, Planning Department-ah a thawn thin ang.

(2) Khaw tinah President/Chairman kaihruaina hnuaiah Village/Local Level Monitoring Committee din tur a ni a. Hemi atan hian hma lak mek a ni a, he Committee hian khawtlang huapa hmasawna kaihhnawih lam a en thung ang a, mi harsa zual te, hmeichhiate leh naupangte ham thatna tur thlengin a ngaihtuah ang. An hmalakna hi Block Development Officer-in enpuiin a tul ang chu District Planning Committee-ah a thlen ang.

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### **FREQUENTLY ASKED QUESTIONS (FAQ) :**

#### **SDGs hian Mizoram hmasawna a hril tak tak dawn em ni?**

Nodal Department (Planning Department)-in uluk taka monitoring a beih a, concerned Department-te'n tihtakzeta an target set thlen tuma hma an lak a, statistical data changtlung tak an neih reng chuan, hril dawn tehreng mai.

**DEVELOPING DATABASE  
IN THE STATISTICAL CELL OF LINE DEPARTMENTS**

**Buatsaihtu :**

**B. LALRINHLUA, MPES  
Deputy Director  
Economics & Statistics Department  
Government of Mizoram**



## **EXECUTIVE SUMMARY (ENGLISH)**

- I. Statistical Database is a collection of statistical data/statistical information which is organized properly in a computer software so that it can be easily accessed, managed and updated. It is a system intended for storing and retrieving various data. It is made up of Tables, Rows and Columns.
- II. Statistical Database should be safe and secure.
- III. Directorate of Economics & Statistics is now having two (2) Statistical Database – (i) Civil Registration System Database (ii) GIS-based & Web-based Village/Locality Profile Database.
- IV. As a step towards achieving the vision of ‘One State – One Statistics’, Directorate of Economics & Statistics published ‘BPL Baseline Survey Report 2016’, and is preparing Time Series Statistical Database which is expected to be launched within three or four months.
- V. For achieving Time Series Statistical Database, all Data-Supplying Department/Semi-Government Institution/Autonomous Institution/NGO, etc have to have a systematic record of relevant and reliable statistical data which have to be submitted regularly and in time to Economics & Statistics Department. This system has to be followed at the District level also.
- VI. Relevant, Reliable and Regular submission of statistical data to Directorate of Economics & Statistics as well as to each District Research Officer’s Office will surely ease developing statistical database which will be useful for framing State/District Data-

based Development Programmes, preparation of State/District Domestic Product Estimates, publication of State/District Statistical Handbook/Abstract/Bulletin/At A Glance, and for monitoring SDGs Indicators.

- VII. Robust database is required to better define and measure development outcomes, identify development issues and facilitate planning, implementation and monitoring.

## **DEVELOPING STATISTICAL DATABASE IN THE STATISTICAL CELL OF LINE DEPARTMENTS (MIZO)**

Computer System (Software language, Web-based, GIS-based, etc) hmanga database awmzia sawifiah chiam hi kan thupuiin a tum a ni lo va; computer engineer leh hetiang lama thiamna nei lo tan phei chuan thuk taka sawifiah theih pawh a ni lo. He'ng hi hnawl chuang si lovin, statistics hawizawnga database sawifiah kan tum dawn a ni.

### **I. Statistical Database awmzia**

Statistical data/statistical information lakkhawm sa, awmze nei taka computer software-a remkhawm, phalna neite tana awlsam taka en (access) theih, awlsam taka enkawl (manage) theih, awlsam taka data thun thar (update) theihna system hi statistical database chu a ni a. A him (safe) tur a ni a, khawih khawloh mai mai theih a ni tur a ni lo. Statistical Database hi statistical data thunkhawmna leh dahthatna 'zempui' a ni a; mamawh huna duh lai lai lakchhuah theih tura duan a ni. Data hi Tables, Rows, Columns, Graphical Presentation, etc hmanga rem thin an ni.

Tunah hian Directorate of Economics & Statistics hian 'database' pahnih (2) kan nei – **(i) Civil Registration System Database (ii) GIS-based & Web-based Village/Locality Profile Database.**

## **II. Statistical Database ṭha neih a harsatna chhan leh Database ṭha neih theih dan tur**

- (a) Kalphung hluia kal reng kan tum. Kalphung thar kan ngaina lo.
- (b) Data khawntu lam leh data petu lamah thiamna leh theihna (capacity) a sang tawk lo.
- (c) A hun taka data rintlak tak inpek kan harsat. Thawhho kan la thiam tawk lo.
- (d) Data management kan la thiam tawk lo.
- (e) Information Technology-ah kan la hniam.
- (f) Statistical Data ngainep kan la tam.
- (g) Statistical Data tihchangtlun nan sorkarin sum a sen hreh loh a ngai.
- (h) Statistical personnel posts ruak hnawh-khah loh tam tak hi hnawh-khah thuai thuai a ngai; indaihlohna a nasa.
- (i) Statistical Data hi a reliable lo fo. Data awmze nei (Unit of Measurement, Reference Period, etc tel thlap data), kan nihna dik tak nena inmil data kan neih a ngai.

Statistical Database ṭha tak nei tur chuan vision mumal tak kan neih a ngai a. Standard leh Methodology mumal tak hmangin data kan collect ang a, kan remkhawm ang a, kan analyse ang. Data khawntu leh data petute inkara thawhhona ṭha hi database ṭha neihna bulṭhut a ni. Statistical Data hi rintlak (reliable), mamawh mil (relevant), a hun taka pek leh hman tura buatsaih (regular) a ni tur a ni. Thil pakhat atana data hrang hrang awm ṭhin (duplication) hi nuaibo mek

zel a ni a; ‘One State – One Statistics’ hi tihtakzeta kalpui a ngai. ‘One State – One Statistics’ tihhlawhtlinna hmahruaiah Directorate of Economics & Statistics chuan ‘BPL Baseline Survey 2016’ buatsaihin Report pawh a tlangzarh tawh a ni.

Developmental Planning hi statistical data tel lovin a siam theih loh tih kan hriat a, sawihona hun (workshop, training, etc) buatsaih fo a ngai. Statistical Audit leh Statistical Quality Control hi beih fo a ngai a, reconciliation meeting neih fo a ÷ul. Hetiang kawng hi kan zawh a, kan harsatna kan sawite khi kan chinfel chhoh theih chuan Statistical Database ÷ha tak kan nei thei dawn a ni.

### **III. Economics & Statistics Database**

Directorate of Economics & Statistics hian State chhunga sorkar Department hrang hrang, Semi-Government Institution, Autonomous Institution, NGO, etc hnen a ÷angin statistical data kan khawn ÷hin a. Double data a awm loh nan, ‘One State – One Statistics’ a awm theih nan Data Source Department Official-te nen ‘Reconciliation Meeting’ neih ÷hin a ni. Chu’ng data khawnkhawm hmang chuan Statistical Handbook te, Statistical Abstract te, Mizoram at a Glance te, Statistical Bulletin leh publication dangte buatsaih ÷hin a ni a; State Domestic Product Estimates buatsaih nan kan hmang bawk. Publication buatsaih nana kan data khawnkhawm dan leh khungkhawm dan hian hun a heh a, a hautak hle. Tin, sector hrang hranga kan statistical data hi publication hrang hrangah an awm darh

nuaih mai a. Zirchikmi tan pawh lehkhawb tam tham fe khawnkhawm a, inkeu ngial a ngai thin a ni.

He kan harsatna hi sutkian a ngai a (Sl. No. I-a kan tarlan tak Civil Registration System Database leh GIS-based & Web-based Village/Locality Profile Database hi chu tuna kan sawi tum an ni lo), Directorate of Economics & Statistics hian kawng a zawng ta a ni.

**TIMES SERIES STATISTICAL DATA** kan ti a. Mizorama statistical data pawimawh, sector hrang hrang ami kan hmuh theih zawng zawng kan hlawmkhawm (compile) a, UT period chho vel ami pawh hmuh theiha mual mual chu a la awm. Parameter leh Indicator fel taka duangin, kum tam tak liam taa statistical data kan hmuh theih zawng zawng a tanga tana kan sorkar kum hman mek thlengin, sector-wise-in remkhawm an ni chho ta a. Software siamin, a sector indawt zela thun (enter) mek zel a ni. He'ng hi zawh-fel a nih hnuah, sorkar kum thar data khawnkhawma thun belh zel tur a ni.

#### **IV. Developing Database in the Statistical Cell of Line Departments**

Department zawng zawng hian statistical cell an neih loh avangin, Economics & Statistics Department hnena data pe thintu Department zawng zawng hi Line-Departments chu an ni mai a. Directorate of Economics & Statistics-in Official Letter hmanga data a khawnkhawm a, reconciliation meeting a neihpui a, software-a time series statistical

data a khungkhawm ringawt hi a tawk lo. Kan thupuiin a sawi tum berah kan lut dawn a ni.

Hetiang hian t̄huang hnih (2)-in a kal theih ang :

- (i) Statistical Data pawimawhzia hriain, data format, parameter leh indicator duan sa hmangin, a hun tak zela submit thei turin Department hrang hrangte an lo inbuatsaih ang a, Directorate of Economics & Statistics-ah tlai lovin submit thei t̄hin sela.
- (ii) Lehkhaa chhut ni lo, 'on-line submission of statistical data' hi tih theih a chakawm hle. Mahse, chu chuan hun, sum leh thawktute inpekna leh thiamna a la duh deuh ang. Hei hi kan ti thei a nih chuan '**Mizoram State Integrated Statistical System**' kan nei dawn tihna a ni.

Khitiang khian, Economics & Statistics Department mamawh mil zawnga Department-te'n an computer system-ah leh file record-ah data rintlak, a hun taka pekchhuah theih an lo dah zung zung theih chuan, Mizoram statistics-in hma a sawn dawn a. A hun tak zelah Data-Based Development Programmes a duan theih t̄hin dawn a ni.

## **V. Developing Database of Departments at the District level**

Kan system hi State level-ah t̄an mek a ni a. District level-ah pawh t̄an thuai a ngai dawn a ni. District Planning Committee kaihhruaina hnuaiah, District Research Officer's Office tinte'n District Office dang zawng zawng te nena t̄angruala he hna hi thawh thuai a ngai dawn

a. Chu chuan District Level Statistics changtlung tak a siam ang a, data-based-a District Development Programmes duan zung zung a ti-awl-ai dawn a ni. Kan hmachhawp, District Domestic Product Estimates buatsaih nan pawh a ʈangkai dawn.

Hmasawna tur kan neih langsar tak erawh chu hei hi a ni. District Office statistical data leh Head Office-te'n an District Office statistical data an kawl inmil lo fo ʈhin hi. ʈan lak a la ngai hle.

## **VI. Database pawimawhna**

Tawi fel taka sawi theih a ni. Database fumfe tak kan neih chuan, chu kan data zempui (data bank / data warehouse / data repository) a ʈang chuan State/District Statistical Handbook, State/District Statistical Abstract, State/District Statistical Bulletin, State/District At a Glance, State/District Domestic Product Estimation, State/District Sustainable Development Goals (SDGs) Indicator, etc atana hman tur kan mamawh ang data kan thurchhuak zung zung ang. **'Relevant, Regular & Reliable Statistical Data'** kan nei dawn tihna a nih chu.

## **VII. SDGs leh Database inlaichinna**

SDGs Target kan thlen leh thlen loh tehtu tur chu statistical data a ni. Kan data leh kan nihna dik tak a inmil leh inmil loh hi a pawimawh em em a. Kan nihna dik tak data kan neih ʈat phawt chuan, “kan Target kan thleng thei dawn em? kan Vision kan tihlawhtling thei dawn em?”



tih kan Chiang Dawn a ni. SDGs hi State leh District hmasawna tehfung a nih chhoh dawn avangin, SDGs Indicator mil database kan neih that a ngai hle. Kan statistical data a Chiangkuan loh chuan SDGs hi a monitor tak tak theih ngai loh ang.

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## **FREQUENTLY ASKED QUESTIONS (FAQ) :**

### **I. Economics & Statistics Department hian database mumal tak a nei em?**

= Tunah hian Economics & Statistics Department hian 'database' pahnih (2) a nei – (i) Civil Registration System Database (ii) GIS-based & Web-based Village/Locality Profile Database.

**Time Series Statistical Database** buatsaih mek a ni.

### **II. Economics & Statistics Department statistical data hi a rintlak (reliable) tak tak em?**

= **Secondary Data** : Data petute data hi Economics & Statistics Department hian uluk takin a lo check thin a, Official Letter leh Reconciliation Meeting hmangin data rinhlelhawm (doubtful data) chu chinfel thin a ni. Chutiang bak chuan chinfel dan kawng zawn a harsa rih hle. Chhut-sual (typing mistake) erawh a awm fo.

**Primary Data** : Data petu (informant)-in “chutiang chu a ni e” an tih ang hi pawm mai a tul thin. Inspector of Statistics leh Sub-Inspector of Statistics-te hian census leh survey-a data han zawh-chhuah dan hi an thiam a, an lo hrilh tha duh viau. Harsatna erawh an tawng ve zauh thin.