

Aim of this initiative:

SCOPE: Humanitarian and development sectors in the wider South East of Myanmar (i.e. Bago East, Shan East, Shan South, Kayah, Kayin, Mon and Tanintharyi),

1. *To identify the main actors* involved in information management
2. *To clarify gaps/issues* in data availability, reliability
3. *To recommend next steps* to improve information availability

MIMU



Myanmar Information
Management Unit



Myanmar Information Management Unit **MIMU**

Data Issues in SE Myanmar

November 12th , 2014

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Steps taken to date

- Agencies - data/information gathering
- MIMU – completing geospatial data, collating available info
- Steps toward the Joint Peace Needs Assessment (July 2013)
 - Led by Myanmar Peace Centre in February 2013
- Quick initial “stocktake” of existing information
 - Existing knowledge regarding support (both in-country and border-based) to conflict-affected communities, and the gaps;
 - An overview of the present understanding of the needs and concerns of the ethnic groups and ethnic communities;
 - An indication of how support in conflict-affected areas can strengthen the peacebuilding process.

SE Stocktake recommendations

- Strengthen understanding and mapping of conflict affected areas
- Clearer focus on durable solutions (IDPs and host communities)
- Urgently need for more data on:
 - Basic services - Coverage and quality of health and education,
 - Land rights issues – more detailed information,
 - Comprehensive sector reviews to address lack of baseline data and of analysis on gaps.
- Priority interventions
 - Mine contamination to be addressed,
 - Support to livelihoods, food security sectors; research on markets,
 - Nutrition interventions,
 - Strengthen protection mechanisms (forced labour monitoring, Ceasefire Liaison Offices, civilian-military capacities)
 - Strengthen coordination and information-sharing

Common Operational Datasets (CODs)

- **Administrative Boundaries**

- State/Region, District, Township from GAD (MIMU),
- Village Tract (MIMU)
- District, Township level in KNU administrative structure (TBC)
- Gaps/issues
 - >50% Shan East Village Tracts not well defined
 - not clear/consistent data across the SE
 - Different definitions (names, boundaries, transliterations...)

- **Hydrology data**

- Water bodies, streams from Digital Chart of the World (MIMU)
- Issues – data quality not suitable for detailed mapping
 - → MIMU developing new Hydrology dataset using Landsat images

CODs ...

- **Hypsography**

- Elevation / contours from SRTM, ASTER GDEM (MIMU)
- Issues – 30-90 metre resolution. Vertical elevation accuracy not less than 6 metres

- **Transportation Network**

- Road, rail, airports digitised by MIMU from topo map sheets (MIMU)
- Issues – primary and secondary only, data quality is 250,000 scale level (limited usefulness for mapping lower than TS level)

- **Border Immigration and Trade points**

- Prepared by MIMU with data from DoI (MIMU)

Populated Places

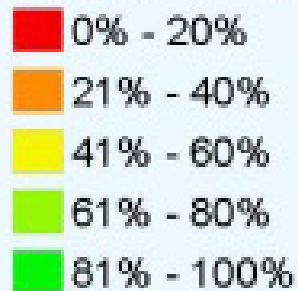
- MIMU Place codes for all settlement types
- Based on information from agencies, GAD
- 6 state/regions
 - 84 Townships, 2,471 Village Tracts, 16,608 villages
 - 61% of villages have GPS coordinates
 - 6,500 villages do not yet have GPS coordinates
 - Worst - Shwegyin, Hpapun, Kyunsu TS

State/Region	Total_vlgs	Vlgs with GPS coordinate	Percentage
KAYAH	512	408	80%
KAYIN	2063	1355	66%
TANINTHARYI	1250	827	66%
BAGO (EAST)	2941	2225	76%
MON	1183	931	79%
SHAN (SOUTH)	4964	3071	62%
SHAN (EAST)	3695	1292	35%
Total	16,608	10,109	61%

GPS coordinates allow mapping of villages

Legend

GPS Coverage



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Status of Villages with GPS Coordinates

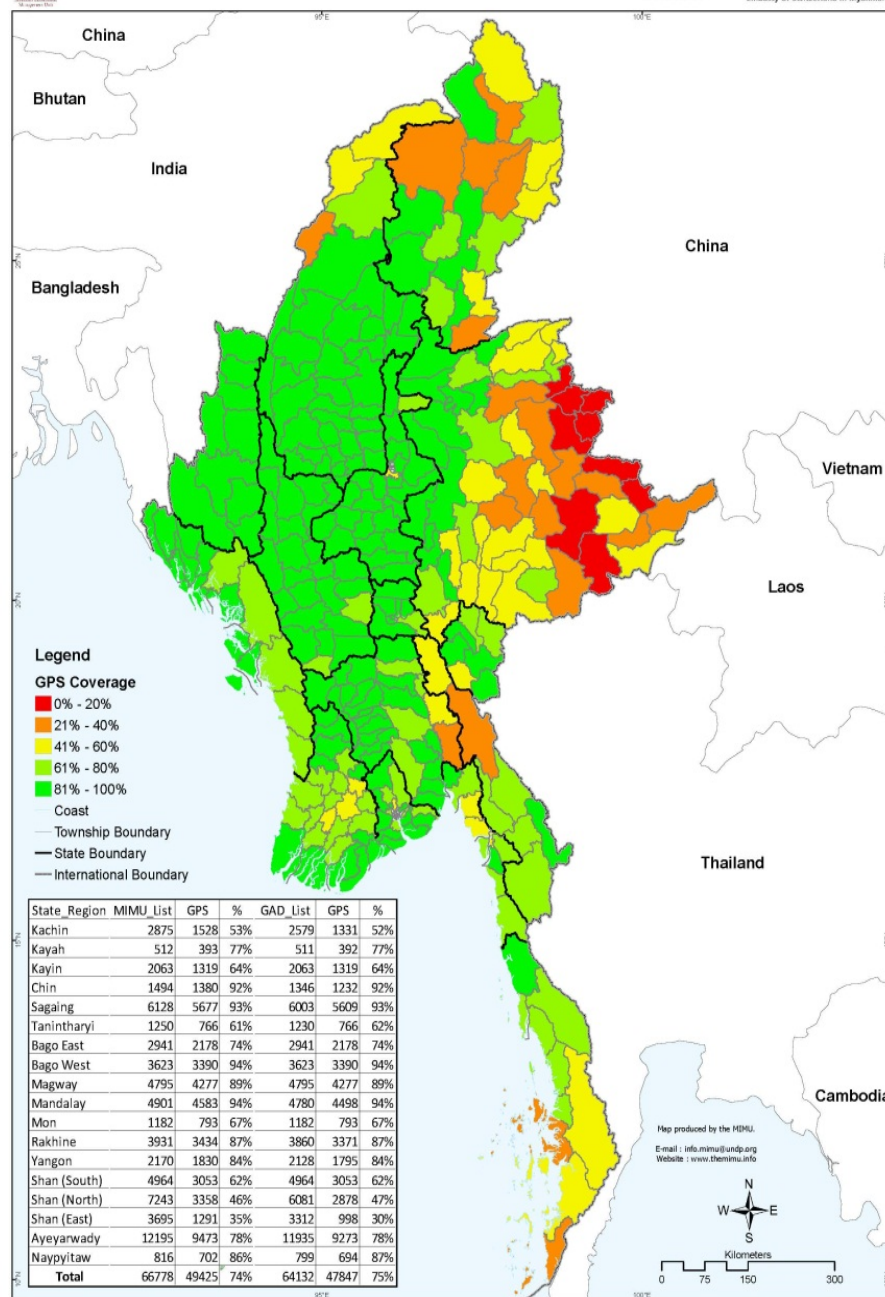


Humanitarian Aid and Civil Protection



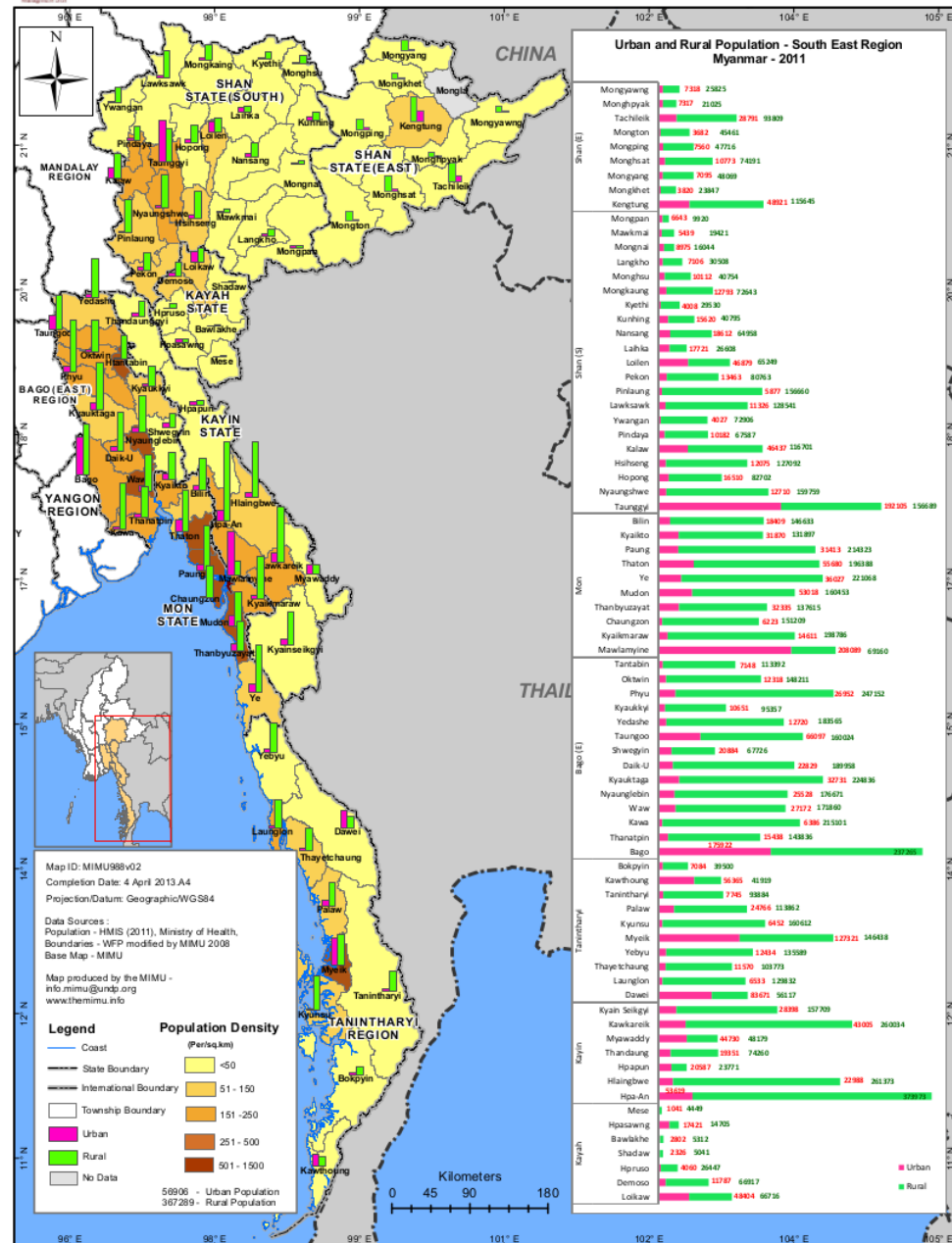
Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Embassy of Switzerland in Myanmar

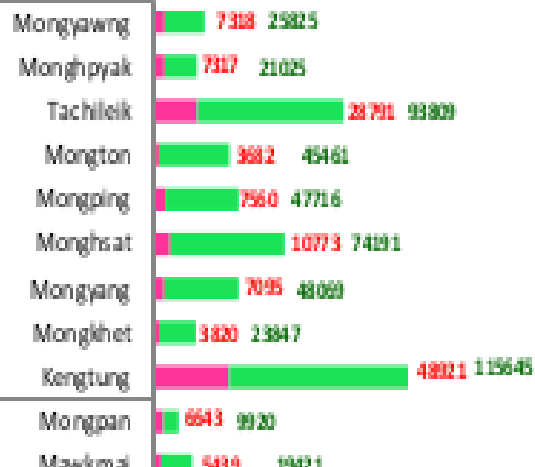


Disclaimer: The names shown and the coordinates used on this map do not imply official endorsement or acceptance by the United Nations.

Population & Population Density Map of South East Region Myanmar - 2011



Urban and Rural Population - South East Region Myanmar - 2011



Population and Services in the SE

- **2014 Population and Housing Census (MoIP, UNFPA)**
 - Good coverage all areas except Kayin
 - Non-enumerated villages – data provided by KNU
 - Census results – May 2015
 - Most results will be at TS level
 - Few (population size, number of households) at Ward/Village tract level.
- **Health**
 - Health facilities:
 - Govt facilities mapping (MIMU with inputs from DHP, WHO)
 - Issues – 86% currently can be mapped, no current info on NGCA
 - Health Data : Govt HMIS (to 2011)

- **Education**

- Education facilities
 - Mapping of formal schools in GCA (MIMU/UNESCO/MoE). Currently 85% can be linked to a settlement/Pcode
 - No current overview of NGCA-supported schools, non-formal schools
- Education Data : EMIS (to 2013)

- **Mine contaminated areas**

- **Other wider scale data collection underway**

- Migration information (IOM)
- Non-technical surveys – Mine Action (NPA)
- Forest cover mapping (Ecodev, FFI)
- Wildlife information (WCS, WWF)
- Land reform and Land Use initiatives (SDC, EU, USAID)
- Ceasefire initiatives (MPC)
- Forthcoming labour survey (MoLSW and ILO)

Agency presence in the SE

State_Region	Donor	INGO	IO	NNGO	NGO Network	Red Cross	UN	Grand Total
Bago (East) Total	0	4	0	9	0	3	1	17
Kayah (Total)		8		6		1	2	17
Kayin (Total)	0	13	2	8	0	4	3	30
Mon Total	1	9	2	7	0	5	4	28
Shan (East) Total	0	5	0	2	0	2	1	10
Shan (South) Total	0	19	0	4	1	1	4	29
Tanintharyi Total	0	6	0	3	0	6	2	17
Grand Total	1	64	4	39	1	22	17	148

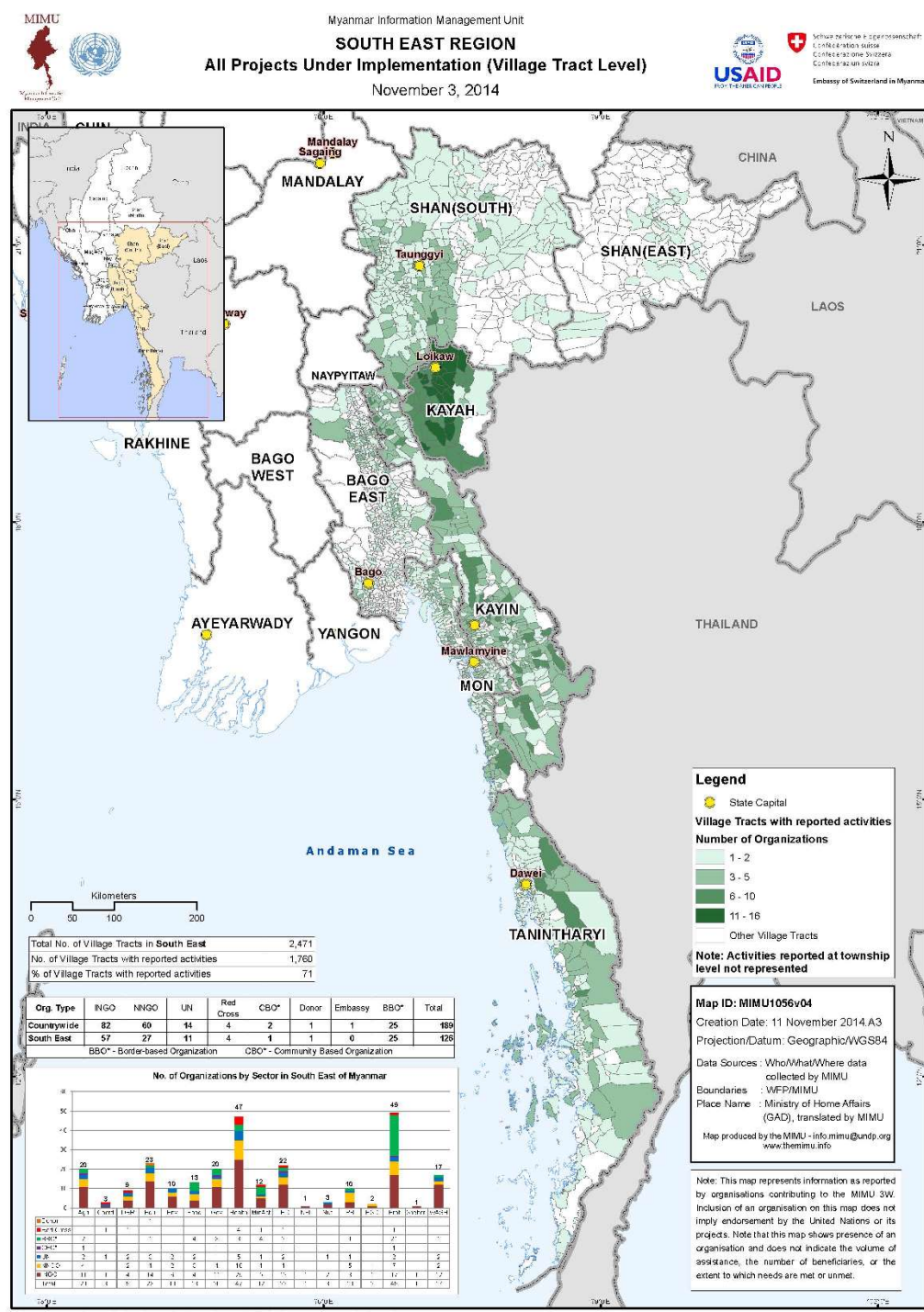
MIMU 3W – Who is doing What, Where

October 2014 Results

- 19 sectors,
- 142 sub-sectors
- 189 agencies contributing

= 126 (67%) active in the SE

- 71% of SE VTs



Gaps in IM

- Lack of standards in use for data collection
- Data generally not shared
- Need for completion of core datasets
 - Incomplete village mapping
 - Different admin boundaries, definitions
 - Health, education facilities
- Confidence to be able to share what is available
- Issues of contested areas