

Safe Drinking Water in Myanmar



DRD

- Policy::
 - To Improve Socio-economic life of Rural Populace.
- Tasks::
 - Provision of Rural Safe Drinking Water
 - Undertake work of Rural Sanitation

Main Sources in Myanmar

- Central dry zone Ground Water
- Delta Surface Water, (ponds and shallow wells)
- High Lands Spring, Ground Water



Provision of Rural Safe Drinking Water

Ten year plan from 2000-2001 to 2010-2011

States / Regions	10 Years Plan Target	Completed Villages	Completed Activities
Sagaing	2454	2560	3930
Magway	1469	1588	2706
Mandalay	4119	4359	7001
Other States/Regions	15183	16503	23907
Grand Total	23225	25010	37544

Source: DRD



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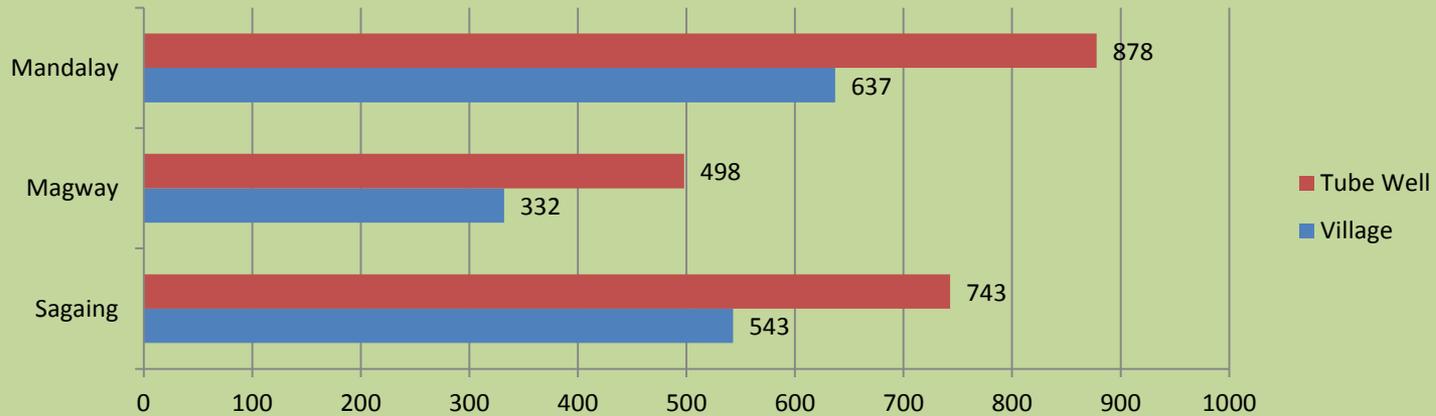
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Donor

No.	State/ Region	Village	Tube Well
1	Sagaing	543	743
2	Magway	332	498
3	Mandalay	637	878
	Total	1512	2119



Rural Water Supplies by Local Donation



UNDP ICDP Water Supply

- UNDP contributed usd 77.36 million in 17 townships
- Rain water harvesting tanks 112559
- Drilling shallow and hand dug wells 1061
- Construction of small dams 32



UNICEF

- From 1997-98 to 2000-2001 supplied material for 3562 Water Supply Systems in 17 region/states
- From 2001-2005 Government, UNICEF and Community jointly implemented
 - Shallow Tube Well 924 Nos
 - Deep Tube Well 269 Nos
 - Improved Pond 141 Nos
 - Improved Dug Well 540 Nos
 - Gravity Flow System 375 Nos
 - Rain Water Collection Tank 334 Nos
 - Total 2583 Nos
- From 2006-07 to 2010-11 project extended
 - Community water supply 952 Nos
 - Arsenic free drinking water supply 77 Nos
 - Rural Market (Latrine) 75 Nos
 - Total 1104 Nos



JICA

- Shan (N) state, 250 tube wells in 2000-05
 - Lashio, Theinni, Kyaukme, Thibaw, Naungcho, Kutkai, Muse, Namkan
- Dry Zone Master Plan, 22 tube wells in 2000-03
 - Yezagyo, Chauk, Magway, Pakkoku, Myothit, Kyaukpadaung, Nyaung Oo, Natogyi, Myingyan, Taungthar, Pyawbwe
- Project on Rural Water Supply Technology 2006-09, 20 new tube well and 40 repair
 - Nyaung-U, Chauk, Kyaukpadaung
- Reinforcement of Maintenance Workshop for Rural Water Supply Facilities in Central Dry Zone, 2010 and 2011 in Nyaung-U



BAJ

- BAJ, between 1999 and 2008, implemented as follows-
 - Construction of new water supply facilities 108 nos
 - Maintenance and rehabilitation of old tube well 182 nos
 - Geophysical survey 522 villages
 - Assistance for long-term maintenance villages 301

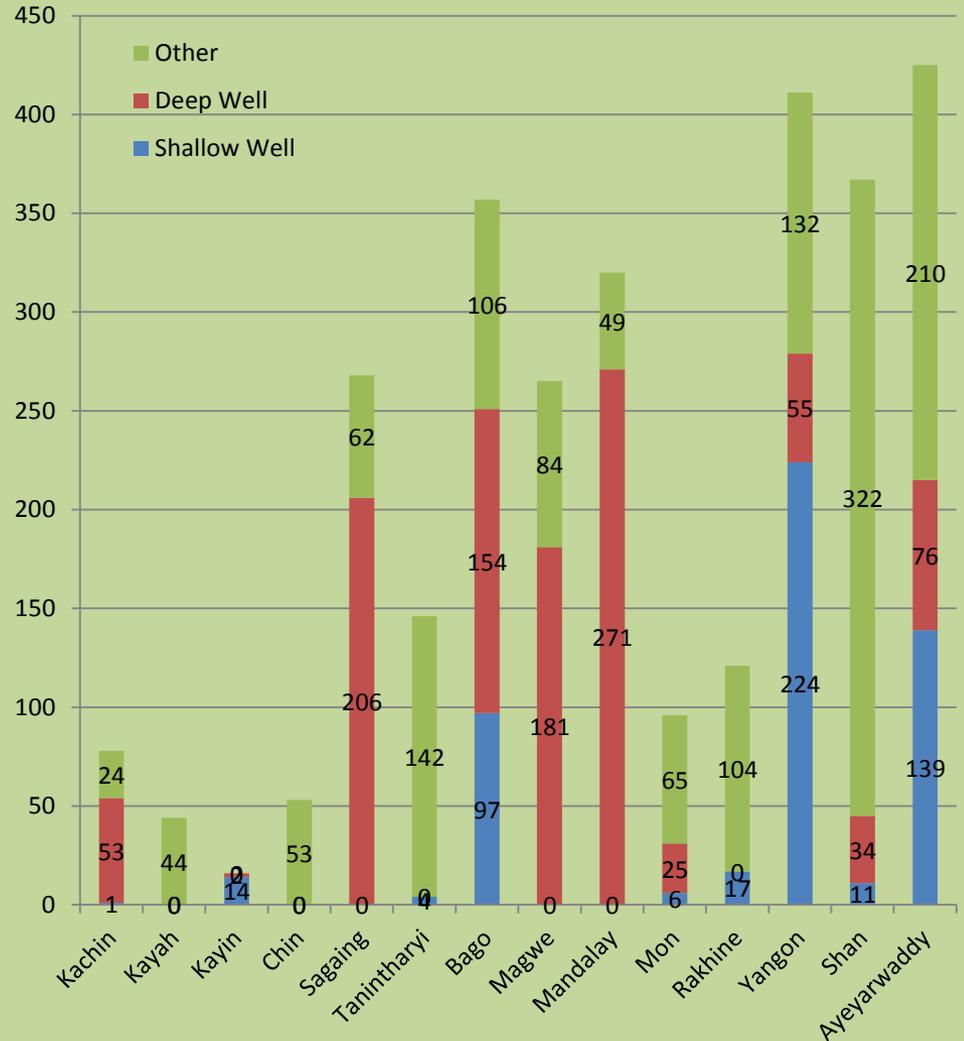


UNHABITAT CUSSP

- Coastal and Urban Settlement Support Program, CUSSP, supposed to provide safe access to water and sanitation in 21 townships, from Dec-2011 to May-2013, contributing 6.007 mil usd.

DRD 4 years Plan

	Shallow Well	Deep Well	Other
Kachin	1	53	24
Kayah	0	0	44
Kayin	14	2	0
Chin	0	0	53
Sagaing	0	206	62
Tanintharyi	4	0	142
Bago	97	154	106
Magwe	0	181	84
Mandalay	0	271	49
Mon	6	25	65
Rakhine	17	0	104
Yangon	224	55	132
Shan	11	34	322
Ayeyarwaddy	139	76	210
	513	1057	1397



Constraints

- Population Growth and Economic Development are source of Pressure on Fresh Water Resource Potential
- Fresh Water Resources are polluted by some human actions; such as Dumping domestic and industrial sewerage, Agricultural Runoff into lakes, creeks and rivers

Climate Change

- Dug wells and shallow tube wells dry out in some regions, such as dry zone and yangon region
- Long duration floods made water and sanitation problems

Adequate Safe Drinking Water

- NPTDC, YCDC and MCDC are trying their best to supply adequate water supply in urban areas.
- Township Development Committees, 330 in numbers, are also trying their best for Town Water Supply for respective Urban Centers.
- DRD will try the best to supply Adequate Safe Drinking Water in Rural Areas.



Challenges

- Finance::
 - Low budget for Rural/Urban Infrastructures including water and sanitation
 - Low Income from Water Revenue vs High Water Infrastructure Cost
- Climate Change:: Global Crisis for Human kind
- Policy::
 - Pipe Water System to Home/Apartment
 - Environmental Awareness

Thank You.

Reduce, Reuse, Recycle.
Save Today for Tomorrow.
Protect Nature.

Questions are Welcome.

