

# Welcome to Dry Zone, Myanmar

*GRET - Monywa*



# Activities towards Agroecology transition

*(Implemented by GRET-Dry zone - Myanmar)*

# Fact About GRET

- ❖ Has been working since 2011 in Dry Zone Myanmar based at Monywa

**2011 - 2013 ( Danida - I)**

**Dry zone livelihood security through Rural Community Development and Capacity Building**

***Agriculture***

***Access to  
Water Facility***

***Two components (funded by Danida)***

**2014 - 2015 ( Danida - II)**

**Myanma Farmers Innovating for Rural Development and Environmental Restoration - 2014 - 2015 ( Danida - II )**

# Objective

- ❖ Improving the living condition of small and medium farmers and vulnerable people through suitable innovation.

# Main Focus

- ❖ To reduce environmental degradation ( To protect soil erosion )
- ❖ To promote make use of compost
- ❖ To reduce chemical fertilizer and pesticide application
- ❖ To achieve long tern benefit income

*To reduce the environmental degradation through agro-ecological watershed management and good agro-ecological farming practices*

❖ *Implementation Strategy*

- *To protect soil erosion by implementing soil conservation measures*

*a. Farm land Situation*



**b. Protecting soil erosion with different physical measures**



**b. Trees for fodder, soil fertility improvement**



**b. Recharge water in hand dug well ( Result of SC implementation )**



### c. Tree Planting ( Pioneer species )



Acacia holosericea



Dodonea angustifolia

- ❖ Leaf liter
- ❖ Fertility of Agriculture land
- ❖ Soil bund, contour bund and slope bund stabilization
- ❖ Fire wood
- ❖ Charcoal



Consequent production of **leaf litter**- *Acacia holosericea* and *Dodonea angustifolia*



**Pioneer species** can provide : Leaf litter, fertility of agriculture land, soil contour bund and slopes stabilization, binding soil, fire wood, charcoal

## **b. Agroforestry**



*Mangifera indica*



*Limonia acidissima*



*sterculia foetida*

## **Make use of different type of compost**



## *Make Use of Plant Extract Pesticide*



*Tobacco soap solution*



*Rice husk charcoal vinega*



*EM -5 solution*