



# DRAINAGE to DIAMOND

INTEGRATED AND SUSTAINABLE

# LIQUID RESOURCE MANAGEMENT (LRM)



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***"Garbage to Gold",***

**Concept born in Vellore Dist., TN.,  
in the Year 2007.**

Now, our

***"Drainage to Diamond",***

**Concept born in NTR Dist., AP.,  
in the Year 2023.**























An underground sump was created to collect drainage water, due to the existing poor construction of Drainage (or) different levels of drainage systems, which were built, in two different periods.





Pumping out the treated drainage water to two OHT Tanks (1000 litres each), which were kept on the roof of the nearby Toilet complex, and then it is used for watering all Plants species manually through a hosepipe.





# Local women Self Help Group (SHG) members created and maintained the whole Liquid Resource Management (LRM) Pilot Project at Jupudi GP, NTR Dt, A.P





































**Eco-friendly roads with 8 feet to 12 feet of height greenery on both sides of the Road with Ivy Gourd creepers, Super Napier Fodder Grasses, Canna Plants, Banana Plants, etc.,**









**Treated drainage water's nutrients were absorbed through the root system of these plant species and evaporated drainage water.**





BEFORE



AFTER





BEFORE

AFTER





**BEFORE**

**AFTER**





**BEFORE**



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