

BASIC PLANT & EQUIPMENT REQUIRED TO CARRY OUT 20MT **ecoProactive** TRIAL AND EVALUATION.

*NOTE THAT SIZE AND COMPLEXITY OF PLANT AND MACHINERY CAN VARY DEPENDING ON END USAGE OF TRIAL. FOR EXAMPLE; A SIMPLE PATH OR HARD STANDING CAN BE ACHIEVED USING LESS POWERFUL MACHINERY PROVIDED THE OPERATIVES ARE EXPERIENCED AND MULTI TALENTED.



A tractor with drawn stone crusher or stabilizer to crush, rip and mix powders prior to water being added. Depending on base material it may require several passes. After watering this plant can be used to ensure homogeneous mixture of watering throughout the base depth prior to grading. On a small area a tractor drawn 'tiller' may be used if the base material is 'soft' although it would require several passes to mix the powder



Common construction grader with blade levelling capabilities. This plant to form final shape and fall of road. On smaller areas a tractor with blade and experienced operative can be used as an alternative.



A simple water bowser with spray bar and hose discharge. Minimum of 3000ltr with mechanical discharge. Ensure a source of water is near at hand for all applications.



A common 10 ton vibrating roller. Used in conjunction with grader to form the profiles and falls and to hydraulically compress the mixed base materials. This operation may take several passes over the desired area to adequately start the chemical reaction of ecoProactive. A smaller roller may be used on paths and hard standings provided vibration is available.



Manual labour.

In addition to the plant and machinery operatives we advise that a minimum of six labourers equipped with shovels, rakes, bucket's, wheel barrows and brushes are at hand at all times.

All the above are common and available throughout Gambia. We recommend in trials that all plant and machinery, and operatives are sourced from one company. This will reduce logistic and labour issues. All procedures should be as per our published instructions and recommendations. Trials should be controlled, recorded and the length of any trial should be restricted to a maximum of 8 hours duration.