

## **QUESTIONNAIRE**

I am KEWIR FANNYUY V.; engineering student in MEng 5-Environmental Engineering at the National Advanced School of Public Works (NASPW) Yaounde. My research is on the **Potentials of Sustainable Electricity Production from Sawdust by Small-scale Wood Transformation Units: A Case Study in Cameroon**

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### **A.) IDENTIFICATION**

1. Date: \_\_\_\_\_
  2. Name: \_\_\_\_\_
  3. Region of origin: \_\_\_\_\_
  4. Level of education: \_\_\_\_\_
  5. Profession: \_\_\_\_\_
  - SAWMILL ☐WOOD WORKSHOP ☐
  6. Name/Location: \_\_\_\_\_
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### **B.) SOCIAL ASPECT**

1. Age range:    < 18 ☐    18-25 ☐    26-35 ☐    36-45 ☐  
                         46-55 ☐    > 55 ☐
2. Sex:    Male ☐    Female ☐
3. Marital status:    Married ☐    Divorced ☐    Single ☐    Widow/Widower ☐
4. Children:    1 ☐    2 ☐    3 ☐    4 ☐    > 4 ☐    None ☐

### **C.) ECONOMIC ASPECT**

1. Is the enterprise owned by a group or an individual?    Individual ☐    Group ☐
2. If GROUP, is it private or public?    Private ☐    Public ☐    Private/public ☐
3. For how long have you been into this activity?    ≤ 3yrs ☐    3-10yrs ☐  
                         10-20yrs ☐    > 20yrs ☐

4. Why are you involved in this particular activity? Poverty ☐ Unemployment ☐  
Socio-political Crisis ☐ Vocation ☐ To create employment ☐
5. How's the business atmosphere generally? Good ☐ Fair ☐ Seasonal ☐
6. What quantity of sawdust do you produce weekly? < 500kg ☐ 500kg-2tons ☐  
2-5 tons ☐ 5-10 tons ☐ > 10 tons ☐ [1ton=1000kg]
7. Do you think this sawdust is useful in any way? Yes ☐ No ☐
8. What do you do with this sawdust? Use for work ☐ Sell ☐ Burn ☐  
Give out for free ☐ Dispose of in public bins ☐ Others (please specify) ☐
9. If you SELL, what quantity for how much? \_\_\_\_\_
10. For what purpose do most people purchase/collect sawdust? Cooking ☐ Gardening ☐  
Poultry farming ☐ Others (please specify) ☐
11. Do you use this sawdust for any kind of energy production? Yes ☐ No ☐
12. If YES, which kind? \_\_\_\_\_
13. Do you know what Biofuels are? Yes ☐ No ☐
14. If YES, which one(s) do you know? Biodiesel ☐ Biogas ☐ Pyrolysis oil ☐  
Others (please specify) ☐
15. What kind of equipment/tools do you use for work? Electric ☐ Manual ☐ Both ☐
16. Which specie(s) of wood do you deal with most? Ayous/Obeche ☐ Iroko ☐  
Sapelli ☐ Bilinga ☐ Dabema ☐ Movingui ☐ Bubinga ☐ Dibetou ☐  
Frake/Limba ☐ Padouk rouge ☐ Kossipo ☐ Okan ☐ Tali ☐  
Azobe ☐ Others (please specify) ☐
17. Will you be willing to use sawdust produced by your establishment to generate your own electricity? Yes ☐ No ☐
18. If YES, how much money would you be willing to invest in this? < 1million ☐  
1-10millions ☐ 10-30millions ☐ 30-50millions ☐ Any amount needed ☐

#### **D.) HEALTH/ENVIRONMENTAL ASPECTS**

1. Are you aware of any negative effects of sawdust on your health? Yes ☐ No ☐
2. If YES, which? Skin irritation (Dermatitis) ☐ Eye Irritation ☐ Nose/Throat irritation ☐  
Ear infections ☐ Others (please specify) ☐

3. Do you wear any protective material when working? Yes ☐ No ☐
4. If YES, which? Dust mask ☐ Eyeglasses ☐ Earmuffs ☐  
Long-sleeved overalls ☐
5. If NO, why? No risk ☐ No money ☐ Inconveniencing ☐
6. Are you aware of any negative effects of sawdust on the environment?  
Yes ☐ No ☐
7. Do you think open burning of sawdust has any harmful effects? Yes ☐ No ☐

## MISCELLANEOUS

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.