

## Resume

1. **Family name** SACLA AÏDE
2. **First name** Magloire
3. **Date of birth** 1/1/88 Lissazounmè
4. **Nationality** Benin
5. **Civil status**
6. **Education**

| <i>Years</i> | <i>Institution</i>  | <i>Degree(s) or Diploma(s) obtained</i>  |
|--------------|---|--|
| 2013-2015    | Ecole Polytechnique d'Abomey Calavi (EPAC), Benin                     | Mechanical Engineer, Option Energy   |
| 2009-2012    | Institut Universitaire de Technologie de Lokossa (IUT-LOKOSSA), Benin | Professional bachelor in Mechanical Engineer, Option Energy  |
| 2006-2008    | Lycée Technique de Bohicon (LYTEB), Benin                             | Industrial Technician (DTI) in Mechanical production; Certificat d'Aptitude Professionnel (CAP) in General Mechanics |
| 2002-2005    | Collège d'Enseignement Général de Lissazounmè, Benin                  | Brevet d'Etude du Premier Cycle (BEPC)   |
| 1995-2001    | Ecole Primaire Public de Lissazounmè centre, Benin                    | Certificat d'Etude Primaire (CEP)  |

### 7. Language skills

| <i>Language</i>     | <i>Reading</i> | <i>Speaking</i> | <i>Writing</i> |
|---------------------|----------------|-----------------|----------------|
| French              | 1              | 1               | 1              |
| Fon (mother tongue) | 1              | 1               | 1              |
| English             | 3              | 3               | 3              |
| Dioula              | 4              | 4               | 4              |

### 8. Member of a professional organization

9. **Current position** Project Officer / Energy / Burkina-Faso
10. **Years of experience** 8 years
11. **Key qualifications**
  - Renewable energy**
    - Biomass energy recovery and industrial process
    - Exploitation of all sorts of energies
    - Energy efficiency in homes and industrial areas
    - Environmental impact assessments
12. **Professional experience**

| Dates                         | Location   | Company  | Position               | Description  |
|-------------------------------|--|--|------------------------|--|
| Since January 2018            | Burkina Faso/Cote d'Ivoire                         | NITIDÆ (ex-ETC TERRA/RONGEA D)                   | Project Officer Energy | <p><b>BOVIVE-CD (Cote d'Ivoire)</b></p> <ul style="list-style-type: none"> <li>• Orientation study of the "Energy and Climate Policy" in Bouaké;</li> <li>• Energy Diagnosis;</li> <li>• GHG accounting and action plan to reduce the impact on climate change making Bouaké, a green city.</li> </ul> <p><b>Agrovalor (Cote d'Ivoire)</b></p> <ul style="list-style-type: none"> <li>• Energy recovery of agro-industrial waste resulting from the processing of the cashew, cassava and shea sectors.</li> </ul> <p><b>RESIST (Burkina Faso)</b></p> <ul style="list-style-type: none"> <li>• Training for shea butter growers and workers on green equipment (waste recovery "shea meal").</li> </ul> <p><b>R &amp; D for the equipment of solid waste energy recovery</b></p>  |
| February to December 2017     | Burkina Faso (Bobo Dioulasso), Mali, Cote d'Ivoire | ETC TERRA/RONGEA D                               | Project Officer Energy | <p><b>Kénébio (Burkina Faso) : Strengthening cashew processing : techniques, quality and environment</b></p> <ul style="list-style-type: none"> <li>• Installation of a heat treatment system (energy recovery of cashew shells) and training on the use of technology in a semi-industrial unit.</li> <li>• Establishment of techniques (equipment and training) for the recycling of mango and cashew processing waste to produce a quality compost in order to reinforce the sources of fertilizers.</li> </ul> <p><b>KARITANE(Burkina Faso) :</b></p> <ul style="list-style-type: none"> <li>• Installation on a semi-industrial shea processing unit of waste energy technologies (shea meal): H2CP technology adapted to the unit, press of manufacture of briquette of shea meal.</li> </ul> <p><b>JMI-SA (Mali) :</b></p> <ul style="list-style-type: none"> <li>• Waste characterization study ("Jatropha curcas" waste) from the JMI-SA plant in Kita (Mali) and comparison study of technical potentials for energy recovery.</li> </ul> <p><b>BOVIVE-CD (Cote d'Ivoire):</b></p> <ul style="list-style-type: none"> <li>• Orientation study of the "Energy and Climate Policy" in Bouaké.</li> <li>• Energy Diagnosis.</li> <li>• GHG accounting and action plan to reduce the impact on climate change making Bouaké municipality, a green city.</li> </ul> |
| July 2016 to January 2017     | Benin (Abomey-Calavi)                              | JESUTON SARL                                     | Trainee                | <ul style="list-style-type: none"> <li>• Trainer with UWZ of Germany &amp; the Chamber of Trades of Benin on Energy recovery and irrigation system through solar pumping.</li> <li>• Installation of solar pumping for small water adduction systems.</li> <li>• Promotion and sale of solar kits.</li> </ul>  |
| October 2016 to February 2017 | Benin (Porto-Novo)                                 | Lycée Technique Industriel                       | Teacher                | Course on air conditioning; technology course on cooling and air conditioning  |
| May to November 2015          | Benin (Onigbolo/Pobè)                              | SCB - LAFARGE                                    | Trainee                | <p><b>« Consumption of alternative fuel on the cooking line at the Onigbolo cement plant: energy balance, environmental gains and impacts »</b></p> <ul style="list-style-type: none"> <li>• Energy balance of the cooking line (preheating tour + oven + cooler).</li> <li>• Optimisation of the substitution rate of alternative fuels (biomass) by fossile fuels.</li> <li>• Environmental impact study related to the consumption of alternative fuels (biomass).</li> </ul>   |
| August to October 2014        | Benin (Cotonou)                                    | Société des Ciments du Bénin (SCB-BOUCLIER)      | Trainee                | Monitoring of the cement manufacturing process and maintenance works   |
| December 2013                 | Benin (Abomey-Calavi)                              | Société Chinoise GREE / Abomey-Calavi University | Trainee                | Dimensioning, installation and GREE air conditioning service at the University of Abomey-Calavi.   |
| April to July 2012            | Benin (Abomey-Calavi University )                  | Laboratory of Applied Mechanics                  | Trainee                | Study : "Etude et réalisation de deux foyers/fourneaux métalliques à gazéification de la biomasse"; Workshop job   |
| August & September 2006       | Benin (Agbangnizoun)                               | ICADER   | Trainee                | Production monitoring; Production of spare parts; Workshop jobs  |

## 15. Computer sciences skills

- Pack Office : Windows, Word, Excel, PowerPoint
- Internet Explorer
- PVsyst software
- Building spreadsheets for dimensioning energy projects