

## Resume

1. **Family name** Perrier
2. **First name** Etienne
3. **Date of birth** 7/3/87 Chambéry
4. **Nationality** France
5. **Civil status** Married, 1 kid
6. **Education**

Years	Institution	Degree(s) or Diploma(s) obtained
2005-2012	INSA of Lyon	Engineer in energy & environment, Option : Thermal systems engineering, Section : Top-level sport

### 7. Language skills

Language	Reading	Speaking	Writing
French (mother tongue)	1	1	1
English	1	2	2
Deutsch	4	4	4
Spanish	5	5	5

### 8. Member of a professional organization

9. **Current position** Project manager / Bioenergy & Waste / France

10. **Years of experience** 11 years

### 11. Key qualifications

#### Thermal / Energy

- Heat transfer, heat engine, combustion, renewable energy

#### Environment

- Industrial ecology, waste management / processing / valorization, environmental management, carbon footprint

#### General schooling

- Model predictive control, numerical analysis, solid mechanics, electric motor, free market economy, sociology

### 12. Professional experience

Dates	Location	Company	Position	Description
Since November 2012	Lyon & West Africa	NITIDAE (ex-RONGEAD) / Auvergne-Rhône-Alpes region / L'Occitane en Provence	Project officer - Energy & Environment	<p>Missions in Burkina Faso as part of different projects supporting the cashew sector:</p> <p><b>CAJOUVALOR Project : Energetic use of cashew nut shells</b></p> <ul style="list-style-type: none"> <li>Improvement of the cashew nut shells upgrading technology and development of activities multi-sectors</li> <li>Increasing the local capacities of cashew production</li> </ul> <p><b>KARITANE Project : Reduction of the environmental impact of the shea butter production</b></p> <ul style="list-style-type: none"> <li>Energy analysis</li> <li>Development of alternatives to reduce wood consumption</li> <li>Waste water treatments</li> </ul>
Since November 2016	Cote d'Ivoire	AFD	Project Manager	<p><b>ELECTRICI Project : Energetic valorization of cashew nut shells:</b></p> <ul style="list-style-type: none"> <li>Industrial sites study (waste production, electric needs, ...);</li> <li>Research of viable alternative in electricity with cashew nut shells;</li> <li>Dimensionning the hardware.</li> </ul>
September 2016	Mozambique	Etc Terra	Project Officer	<p><b>MOZBIO Project : Improvement of wood carbonisation yields:</b></p> <ul style="list-style-type: none"> <li>Context study and charcoal sector study in Mozambique.</li> <li>Study of the improvement solutions concerning wood carbonisation yield.</li> <li>Assembly and charcoal improved testing.</li> <li>Training of coal merchants.</li> </ul>
May 2016	Mali (Koumentou)	Emile Noël Fundation / Agroplateforme	Project Officer	Equipment for an agro-industrial factory with a cashew nut shells pyrolysis oven (AGROVALOR Project)
February-March 2016	Cote d'Ivoire (Abidjan – Azaguié)	INC-CI	Project Officer	Feasibility study for the implementation of a pyrolysis oven (H2CP) in a cashew factory; with production capacity around 3,000 T RCN/year
2013-2016	Burkina Faso (East region)	EU	Project Officer	<p><b>Missions in Burkina Faso as part of GOURMANTOUR project (energy and environment) :</b></p> <ul style="list-style-type: none"> <li>Integrate socioeconomic needs of the population surrounding protected areas for a better nature conservation in West Africa.</li> </ul>
October 2014 - March 2015	Benin	PADA-VALORISATION	Project Officer	<ul style="list-style-type: none"> <li>Feasibility study for the implementation of two pyrolysis reactors of cashew nut shells in a factory.</li> <li>Training of the operational staff (use of materials, safety standards of the pyrolysis oven, ...)</li> </ul>
2012	Burkina Faso (Bobo-Dioulasso)	RONGEAD	Trainee	<p><b>CAJOUVALOR : Energetic use of cashew nut shells:</b></p> <ul style="list-style-type: none"> <li>Development of a specific biomass waste valorization technology adapted for small scale cashew production factory.</li> </ul>
2003-2009	France	Diverse	Worker	Worker jobs during summers

## 15. Computer sciences skills

Pack office, digital calculation and CAD