



CURRICULUM VITAE

1. **Family name:** Pera Cavalheiro
2. **First names:** Gonalo Nuno
3. **Date of birth:** 17 /07/1977
4. **Nationality:** Portuguese
5. **Civil status:** Married
6. **Education:**

Institutions (date from – to)	Degree(s) or Diploma(s) obtained:
Universidade do Minho (1995-1999)	Bachelor in International Relations

7. **Language skills:** indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
Portuguese	1	1	1
English	1	1	1
French	2	4	5
Spanish	1	2	4

8. **Membership of professional bodies and other roles:** member of the board of GRACE, the largest Portuguese corporate social responsibility business association.

9. **Other skills:** Expert on policy and technical climate change and energy issues; Project design implementation, Monitoring and Evaluation.

10. **Present position:** Partner at CAOS – Borboletas e Sustentabilidade, Lda

11. **Years within the firm:** 6 years

12. Key qualifications

Qualifications and skills :

- University degree in International Relations ;
- More than 4 years of experience as Team Leader, including EU funded projects. Over 4 years of experience as Executive Director designing and implementing of projects on climate change:
 - Developing a NAMA Framework for Vietnam (2014 – 2015);
 - Providing support to the **European Commission** on the international negotiations on climate change, regarding issues related to **Measurement, Reporting and Verification** (09/2011 – 03/ 2013)
 - Trading Scheme (2011 – 2012);
 - Developing countries, monitoring and reporting on greenhouse gas emissions, policies and measures (09/ 2009 – 11/ 2010)
- Fluent in English, Portuguese and knowledge of French ;
- **Solid leadership, proved negotiation and communication skills**, and proven ability to build and maintain excellent **working relationships with multiple stakeholders.**

General professional experience :

- Over 15 years of professional experience on all aspects of climate change policy, both related to adaptation and mitigation and MRV. Key experience includes:
 - Assessing Feasibility of Emissions Trading Scheme in China, India and Brazil (2011 – 2012);

- o Providing technical assistance in 3 projects funded by the Portuguese government, to the governments of Cape Verde, Mozambique and Sao Tome and Principe on **integrating adaptation into development planning, designing and implementing local adaptation plans (only in Mozambique)** and on **the definition of low emissions development strategies, including the design of Nationally Appropriate Mitigation Actions (NAMAs) and the respective MRV systems**;
- o Elaborating **training materials** for members of the ICA team of technical experts for the Consultative Group of Experts (CGE)
- o Developing a NAMA Framework for Vietnam (2014 – 2015);
- o **Drafting of the 6th EU National Communication and First Biennial Report to the UNFCCC** (12/2012 – 05/2014)
- o Designing and implementing the Portuguese **GHG Inventory National System** in accordance with the requirements of the Kyoto Protocol (2004-2008)
- o **Elaboration of the 3rd, 4th and 5th Portuguese National Communication and the 6th EU National Communication and First and Second Biennial Report to the UNFCCC** (several years since 2003 until currently)
- o Reviewing National Communications: Spain’s 3rd, New Zealand, Denmark, Slovenia and UK’s 4th and Greece’s 5th
- o Drafting a reference document on the approach towards designing a national adaptation strategy in Portugal (2008)
- Over 15 years of experience with the international negotiations under the UNFCCC :
 - o The international negotiations relating to the United Nations Convention on Climate Change and the Kyoto Protocol, as a member of the Portuguese National Delegation (negotiated issues on MRV and adaptation – the Nairobi Work Programme and the EU’s position on adaptation towards the Bali Conference) (1999 – 2008)
 - o Member of the delegation of the European Union (negotiated developing country MRV issues, namely the mandate and terms of reference of the Consultative Group of Experts and Modalities and Procedures on the International Consultation and Analysis) (2011 – 2014);

Specific professional experience :

- Wide experience in the **design of the MRV system, including the national system for the elaboration of GHG emissions** in Mozambique, Cape Verde and Sao Tome and Principe (2013 – 2016);
- Wide experience in **assessing capacity building needs and in developing and implementing capacity building programmes in developing countries**, in particular in Africa, both on adaptation and on mitigation - Mozambique, Cape Verde, Sao Tome and Principe, (2013-2016) and Kenya, Mexico, Peru and Thailand (09/ 2009 – 11/ 2010);
- Design of a NAMA and MRV institutional framework, including knowledge management system in Vietnam (10/2015 – 10/2016)
- Establishment and implementation of the **Portuguese National System for the Inventory and Emissions** (08/ 2003 - 12/ 2009);
- Working experience in **African countries** such as: Mozambique; Cape Verde; Sao Tome and Principe and Kenya.

13. Specific Experience in the region:

Country	Date from - Date to	Country	Date from - Date to
Mozambique	2013 – 2016	Brazil	2011 - 2013
Cape Verde	2009; 2013 – 2016	China, India	2011 – 2012
São Tomé e Príncipe	2009; 2013 – 2016	Peru, Mexico, Kenya, Thailand and Indonesia	2009 – 2010
Vietnam	2014 – 2015		

14. Relevant Professional Experience

Date from - Date to	Location	Company and reference person (name & contact details)	Position	Description
07/2010 - present	Portugal	CAOS – Borboletas e Sustentabilidade	Partner (Founder)	Founder and manager of CAOS, a micro consulting firm focused on climate change, aimed at promoting a change, at facing this challenge with people via the territories they live in, including via supporting public policies. (While CAOS was officially established in 2009, it was only publicly announced in 2010).
9/2015 – 2/2017	Portugal	Direo Regional do Ambiente dos Aores Ana Goulart Ana.MG.Goulart@azores.gov.pt	Consultant Team Leader	Coordinator of the team elaborating the studies for the Azores Islands Climate Change Plan (PRAC). PRAC is composed of three key elements: a) establishment of a regional greenhouse gas (GHG) inventory system and the elaboration of a regional GHG inventory; b) elaboration of a low carbon development strategy and c) the development of a climate change adaptation strategy. Gonalo Cavalheiro is responsible to coordinate a 30 strong team of technical and scientific experts from CAOS and from three portuguese universities
2013 – 2016	Cape Verde, Mozambique, Sao Tome and Prince	At CAOS for Instituto Nacional de Meteorologia e Geofisica de Cabo Verde Carlos Moniz camoniz@yahoo.com.br	Consultant/trainer	3 year project on the definition of a climate change resilient, low emission development strategy for the governments of Cape Verde, Mozambique, Sao Tome and Prince. This includes the identification and design of Nationally Appropriate Mitigation Actions (NAMAs), the design of the MRV system, including the national system for the elaboration of GHG emissions. This project includes technical assistance and support to stakeholder engagement. 3 year project to train key Cape Verde, Mozambique and Sao Tome and Prince stakeholders on adaptation planning, including on mainstreaming adaptation at project, local, regional and national level. The training to be provided has been designed by GIZ, based on the OECD handbook on mainstreaming adaptation into development cooperation.
2013 – 2016	Mozambique	At CAOS for Ministrio da Coordenao Ambiental (MICOA) imaiba@yahoo.com	Consultant	3 year project on a participative approach to community based adaptation planning and implementation. This project aims at implementing a methodology that allows 9 village stakeholders in Mozambique to, based on the identified vulnerabilities, design and implement adaptation measures within a given investment budget.
2015	Home Based	At CAOS for European Commission Ana Danila (Ana.DANILA@ec.europa.eu)	Consultant	Drafting of the 2nd Biennial Report chapter on provision of support, including finance, technology transfer and capacity building. Drafting of a concept paper on methodologies for MRV of provision of support.
2015	Mexico	At CAOS for GIZ/BMUB Steffen	Trainer	Master trainer for the 4th Summer School of the Mitigation and MRV Partnership. The tasks include proposing key topics, developing the agenda, identifying and coordinating the participation of key note speakers, developing exercises, games

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		Menzel (Steffen.Menzel.Extern @bmub.bund.de).		and role plays, coordinating the actual training and training.
2014 – 2015	Vietnam	At CAOS for GIZ. Anna Schreyoegg (anna.schreyoegg@giz.de)	Team Leader, trainer	Developing a NAMA Framework for Vietnam. Leading an international team in providing advice to GIZ in its support to the government of Vietnam in setting up an institutional framework for the design and implementation of NAMAs, including MRV system for NAMAs and for complying with requirements under the UNFCCC. In the scope of this project, 6 concept papers will be delivered, taking into account the inputs of an independent national team of consultants. In addition several training sessions on UNFCCC negotiations will be provided to key Vietnamese experts.
2014	Vietnam	At CAOS for Anna Schreyoegg (anna.schreyoegg@giz.de)	Trainer	Training key Vietnamese experts on NAMAs and MRV (GIZ training programme)
2014	Dominican Republic	At CAOS for GIZ Sebastian Wienges sebastian.wienges@giz.de	Trainer	Provision of training on issues related to MRV and accounting at the 3rd Summer School of the International Mitigation and MRV Partnership. The purpose of the Summer School is to prepare participants for the process of elaborating and preparing nationally determined contributions for the up-coming 2015 Agreement and familiarizing them with the possible structure and content of such an agreement. The target group will consist of 25 up to 30 participants, mainly policy makers and negotiators from different sectors on the national level from a variety of countries around the world.
2014	Portugal	At CAOS for UNFCCC Secretariat Jigme jigme@unfccc.int	Consultant	Development of training materials for the team of technical experts in relation to information submitted by developing countries in their respective Biennial Update Reports on financial and technical needs and support received.
2014	Portugal	At CAOS for ECN Shikha Bhasin bhasin@ecn.nl	Consultant	Elaboration of Brazil’s country profile in relation to climate change policy, namely, mitigation commitments, NAMAs and MRV.
12/2012 – 05/2014	Portugal	At CAOS for European Commission, DG Climate Action Ana.danilla@ec.europa.eu	Consultant	Elaboration of the 6th EU National Communication and First Biennial Report to the UNFCCC. Responsible for the compilation of the chapter on Financial Support, including transfer of technology and capacity building, as well as of the chapter on Education, training and awareness rising. This task requires a deep understanding of the UNFCCC reporting guidelines and a deep knowledge of the EU. Several departments in the European Commission have been involved in the collection of the data required to fulfill the reporting guidelines. Data collected has been analysed and the respective chapters of the National Communication and Biennial Report have been drafted and subject to review by the European Commission and experts at the level of the EU Member States. Charged with the task of proposing a methodological approach to track and report the provision of financial support, as an input for the definition of the EU’s negotiation position on the matter at the UNFCCC level.

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08/2013	Vietnam	At CAOS for GIZ Sebastian Wiengs sebastian.wienges@giz.de	Trainer	Trainer on accounting issues related to the future climate change agreement at the International Partnership on Mitigation and MRV Summer School.
07 – 08/ 2013	Brazil	At CAOS for Ecoprogresso Ana Martins amartins@ecoprogresso.pt	Trainer	<p>Training of near 100 state-level Brazilian civil servants (in 4 workshops in 4 different cities) on key aspects of monitoring, reporting and verification, with a view to prepare them for the national discussion on the potential establishment of a carbon pricing mechanism (e.g. carbon market or carbon tax).</p> <p>The 27 Brazilian states all have very different circumstances, ranging from highly industrialized and urban states to over 80% Amazon forest covered states. Their respective visions, expectations and levels of preparedness in relation to climate change very respectively. Approaches to carbon pricing range from an emissions trading scheme aimed at increasing energy efficiency to a Clean Development Mechanism or REDD+ mechanism aimed at halting deforestation but, particularly, at raising revenue for states and stakeholders.</p> <p>MRV challenges and solutions also differ widely. While some states are mostly concerned with the energy and industrial sectors (where emissions estimates methodologies are simpler, but data is often in the hand of the private sector), other are mostly concerned with the forestry and agriculture sector (where methodologies are extremely complex, but data needs to be gathered by public entities – often through very expensive satellite technology).</p>
09/2011 – 03/ 2013	Portugal	At CAOS for European Commission, DG Climate Action Ana.danilla@ec.europa.eu	Team Leader	<p>Leader of an international team composed of four experts tasked with providing support to the European Commission on the international negotiations on climate change, regarding issues related to Measurement, Reporting and Verification.</p> <p>Served as EU negotiator on matters related to MRV of developing countries, namely on the modalities and procedures for the team of technical experts for the International Consultation and Analysis process of the developing countries Biennial Update Reports and of the Consultative Group of Experts (international body tasked with providing support to developing countries in preparing their national communications and biennial update reports).</p>
04/ 2011 – 01/ 2012	Portugal and Seia	At CAOS for Fundação Montepio Paula Guimarães poguimaraes@montepio.pt	Consultant	Low Carbon Social Support Institutions: carbon foot printing and energy profiling of 5 social support institutions (private institutions providing public services to the communities, namely home for the elderly and for children). Identification of energy consumption opportunities.
2011 – 2012	Portugal (with missions in several countries)	At CAOS for Ecoprogresso, Final client: European Commission, DG Climate Action Marco.Loprieno@ec.eu	Team Leader	<p>Leads a team composed of 3 international key experts, plus three teams in each of the following countries: China, India and Brazil, aimed at assessing the feasibility, gaps, barriers and capacity building needs for the establishment of an Emissions Trading Scheme in China, India and Brazil. Work includes planning, oversight, quality control, stakeholder outreach and engagement (including via meetings and workshops), production and final validation of all deliverables.</p> <p>The three countries presented very different circumstances: while China is steadily moving ahead in the establishment of a CO2 emissions trading system, India has decided to focus its market mechanism on energy efficiency and Brazil is still</p>

		opa.eu		<p>undecided on whether to adopt a carbon pricing mechanism, particularly due to its very particular carbon footprint (where agriculture and forestry take up the biggest share).</p> <p>The projects identified capacity needs and gaps and proposed actions to overcome those, based on extensive stakeholder consultation, on topics such as baseline setting, modelling the environmental and socio-economic impacts of emissions trading, measuring, reporting and verifying emissions.</p>
12/2010 – 12/2011	Portugal and Seia	At CAOS for Seia Municipality jorge.brito@cm-seia.pt	Consultant	Responsible for the implementation of the project ECO2Seia, which aims at gearing the small mountain area city of Seia towards a low carbon development. This project will engage all relevant stakeholders in this goal designed by the public authorities. This project includes the estimation of the municipality’s carbon footprint, the definition of an accreditation mechanism for local products produced with low energy consumption and reduced carbon dioxide emissions as well as for tourism equipments (such as hotels) and the engagement of all the population in increased energy efficiency and reduced carbon emissions, namely by promoting a programme aimed at replacing inefficient light bulbs and household appliances.
12/2010 – 03/2011	Portugal & Greece	At CAOS for Climate Change Commission Nuno.lacasta@apambiente.pt	Consultant	Reviewer, as part of an international team of experts coordinated by the UNFCCC secretariat, of the 5th National Communication of Greece to the UNFCCC, responsible for the chapter on Policies and Measures. This task requires a deep understanding of the UNFCCC reporting guidelines and review procedures. It required an understanding of Greek’s national circumstances and the capacity to enquire national authorities as to the accuracy of the information provided. A report including the findings of the review has been produced (http://unfccc.int/resource/docs/2011/idr/grc05.pdf)
09/2009 – 11/2010	Portugal (with missions in several countries)	At Ecoprogresso for client (s): European Commission, DG ENV Erasmia Kitou Erasmia.KITOU@ec.europa.eu	Team Leader	<p>Team Leader on the scoping study “Developing countries, monitoring and reporting on greenhouse gas emissions, policies and measures”, aimed at assessing the gaps, barriers, and needs of developing countries with regard to mitigation and measurement, reporting, and verification (MRV), and, based on such assessment, to provide concrete recommendations on the structure and elements of capacity building programs to be implemented in the near future. This study was largely based on a stakeholder consultation process with Indonesia, Kenya, Mexico, Peru and Thailand.</p> <p>The identification of capacity barriers, gaps and recommendations for the measuring and reporting of GHG emissions and mitigation policies and measures in Indonesia, Kenya, Mexico, Peru and Thailand has been a process of stakeholder consultations and iterative thinking. The following steps have allowed the team to arrive to 5 final country reports and to this report containing the elements for a capacity building programme on mitigation and MRV:</p> <ul style="list-style-type: none"> ▪ Development of a first draft of country report which included national circumstances, based on secondary information, which served as a basis for the preparation of the discussions with stakeholders in the country visits; ▪ First in-country mission: this served the major purpose of interviewing stakeholders. Stakeholders interviewed included: <ul style="list-style-type: none"> – data providers (public and/or private) for the main inventory sources, including statistics office and entities responsible for the energy balance, LULUCF data or other according to the analysis of emissions/policies and measures on key sources; – data users and analysers (those public or private experts or organizations which are involved in the estimation of the main emissions sources); – key decision makers on mitigation action / economic development (planning); – representatives of key private sector organizations;

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				<ul style="list-style-type: none"> – universities and research centres; – Other key NGOs. <ul style="list-style-type: none"> ▪ Second in-country mission, when the national workshop took place as well as additional interviews were held; ▪ Final International Workshop: engaging country stakeholders and other international experts; ▪ Final country reports (see each of the country reports in the annexes to this report): containing country specific findings on gaps, barriers and needs and specific proposals and recommendations on the way forward and concrete actions which constitute cooperation opportunities; ▪ Final Report: containing generalized findings, recommendations and proposals applicable to all developing countries.
03 – 09/ 2009	Portugal Cape Verde and Sao Tome and Prince	At Ecoprogresso for client (s): Climate Change Commission, Cabo Verde Environment Directorate General; Carlos Moniz, camoniz@yahoo.com.br.	Consultant	Provision of support for the establishment of Kyoto Protocol’s Clean Development Mechanism National Designated Authority. Provision of training to key agents (including public and private sector) to promote and enhance the countries’ capacity to make full use of emission mitigation opportunities under the Kyoto Protocol market mechanisms (namely the Clean Development Mechanism).
08/ 2003 – 12/ 2009	Portugal	Ana Martins amartins@ecoprogresso.pt Final client: Portuguese Environment Agency, Nuno.Lacasta @apambiente.pt	Founder/ Member of the Board Consultant	<p>One of the three original founders of Ecoprogresso, held a place at the Board of the Company. Key overall management responsibilities included internal and external communication, corporate social responsibility and human resources. Both from a strategic as well as an operational perspective, has been responsible for all managerial aspects of the environmental and development consultancy services, with technical responsibility for the following departments and projects described in the rows below.</p> <p>1) Public policy development:</p> <p>(I) the establishment and implementation of the Portuguese National System for the Inventory and Emissions by Sources and Removals by Sinks of Air Pollutants, in accordance with the guidelines under Article 5.1 of the Kyoto Protocol, including the national system for monitoring the emissions and removals resulting from agri-forestry projects under articles 3.3 and 3.4 of the Kyoto Protocol;</p> <p>(ii) the elaboration of national reports such as the National Communication, the Demonstrable Progress Report and the Report under Article 3.2 of Decision EC/280/2004 (taking into account the relevant UNFCCC and European requirements, engaging a wide range of data and information owners)</p> <p>(iii) Elaboration of a reference document on a national climate change adaptation strategy, in which it benchmarked international best practice on defining national adaptation strategies and proposed a path for such a task to the Portuguese government including an extensive stakeholder consultation and engagement process. He served as the liaison person to the European Commission on organizing in Lisbon a regional (Mediterranean) stakeholder consultation workshop on the European green paper on adaptation to climate change; and:</p> <p>(2) International Relations and Negotiations - in which</p> <p>(i) provided support to the Portuguese delegation to the UNFCCC and the Kyoto Protocol on issues related to adaptation</p>

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				<p>to the impacts of climate change, issues related to technology transfer, land use change and forestry, and on methodological issues relating to greenhouse gas inventories, namely on articles 5,7&8 of the Kyoto Protocol. As lead negotiator of the EU Expert Group on Adaptation, organized a stakeholder workshop in Brussels, meant to gather contributions from experts for the definition of the EU negotiation position in the run up to the Bali Conference. As a lead negotiator, engaged with negotiators from all key countries in the world to effectively find solutions and allow for the advancement of the climate regime.</p> <p>(ii) represented Portugal at the Global Environment Facility (GEF) Council, for several meetings, which included the meetings of the UNFCCC Least Developed Country Fund (LDCF) and Special Climate Change Fund (SCCF);</p> <p>(iii) Represented Portugal in the establishment and operationalization of the Spain and Portugal funded networks of climate change institutions focused both on CDM and on vulnerability and adaptation – RIOCC and RELAC. He actively participated in organizing a participative workshop held in La Antigua, Guatemala, in which representatives from countries identified needs, constraints and priorities and defined the Ibero-American Plan for Adaptation to Climate Change.</p> <p>(iv) Has been invited as an expert during the consultation workshops in Brussels prior to the adoption of the EU green paper on adaptation. Was responsible for liaising with the EC DG ENV staff on organizing one of the four regional stakeholder consultation workshops (which took place in Lisbon) after the adoption of the mentioned green paper.</p>
07/1999 – 08/2003	Portugal	Euronatura Hugo Costa, Director Hugo.costa@euronatura.pt	Executive Director	<p>Responsible for managing a 5 people E-NGO, including recovering financial balance and fulfilment of all legal requirements.</p> <p>Responsible for the design and implementation of projects on climate change, international waters, environmental finance and access to justice on environmental matters (a study commissioned by the European Commission aimed at enhancing the national and community mechanisms for the implementation of the Aarhus Convention in 8 Member States).</p> <p>Promoted the first national conference on Carbon Economy, in which was responsible for the theme on “information needs for the carbon economy.” The first participation in the Portuguese National Climate Delegation (at COP-5, September 1999), took place while working at Euronatura.</p> <p>On transboundary management of international river basins, participated both in Ondina and Iberaqua projects, in which best practices were analysed, stakeholders engaged and heard and policy recommendations elaborated (http://iberaqua.com.sapo.pt/equipa.htm).</p> <p>He was a member of the Outreach team of the project Climate Change in Portugal –Scenarios, Impacts and Adaptation Measures, which aimed at engaging sectoral experts on the scientific outcomes of the project with the aim of increasing the sectoral understanding of the issue and identifying adaptation measures (namely, those resulting from local knowledge).</p>