

I - Personal information

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II - Professional experience

1. GREENFLOW MARINE – SERVIÇOS MARÍTIMOS AMBIENTAIS S.A (EX. NPRF PORTUGAL)

Period	From 01.09.2018 – until now
Function or position	CEO and 55% shareholder
Main activities or responsibilities	Operational, commercial, business politics, strategy, authorities' contacts, etc...
Company sector	Environment, waste treatment, maritime wastes, fuel production from recycling of hydrocarbons waste, design of modular equipment for on-site treatment. (www.greenflow.pt)
Average annual Turnover	3.000.000€

2. GREENFLOW – ENGENHARIA PARA A GESTÃO DE RESÍDUOS LDA.

Period	From 02.02.2014 – until now
Function or position	CEO and owner
Main activities or responsibilities	Operational, commercial, business politics, strategy, authorities' contacts, lobbying, etc... Appointed by NATURE GROUP
Company sector	Environment, waste treatment, Engineering solutions for waste, consultancy, design of modular equipment for on-site treatment. (www.greenflow.pt)
Average annual Turnover	400.000€

3. NPRF PORTUGAL – SERVIÇOS MARÍTIMOS AMBIENTAIS S.A (NATURE GROUP)

Period	From 01.08.2012 – 31.08.2018
Function or position	CEO of the company and Member of the Management Team of NATURE GROUP
Main activities or responsibilities	Operational, commercial, business politics, strategy, authorities' contacts, etc... Appointed by NATURE GROUP leading company in Rotterdam MARPOL waste collection.
Company sector	Environment, waste treatment, maritime wastes, fuel production (www.ngrp.com)
Average annual Turnover	3.000.000€

**4. SOGILUB – SOCIEDADE GESTORA DE ÓLEOS LUBRIFICANTES USADOS-
Lisbon(lubricant’s wastes national association)**

Period	From 01.01.2013 – until now
Function or position	Executive Board Member
Main activities or responsibilities	Member appointed by UNIOIL (Portuguese Association for waste lubricant oil collection)
Company sector	National Collection System of Waste Lubricant oils (www.sogilub.pt)
Average annual Turnover	10.000.000€

5. CARMONA SOCIEDADE DE LIMPEZA S.A - Azeitão

Period	From 01.01.2011 – 31.12.2012
Function or position	External Technical Consultant
Main activities or responsibilities	Advisor for the project of the new treatment plant for hazardous wastes.
Company sector	Environment, waste treatment, industrial maintenance (www.carmona.pt)
Average annual Turnover	12.000.000€ (>100 employees)

6. PROCESOIL S.L- Naron – Galiza – Spain

Period	From October 2010 – to end 2012
Function or position	Technical advisor
Main activities or responsibilities	Project manager and engineering designer, for a new hazardous waste treatment plant in Galicia.
Company sector	Environment, waste treatment, hydrocarbons, fuel production.
Average annual Turnover	3.000.000€

7. ENVIROIL AMBIENTE E ENERGIA LDA. – Torres Novas

Period	From October 2010 – 31.12.2012
Function or position	Consultant for new projects
Main activities or responsibilities	Consultant and part of the Project Executive Team, to build a waste oil re-refinery plant, for 20.000 MT/year capacities. Business advisor for the existing plants and companies of the group.
Company sector	Environment, oil re-refining and recycling
Average annual Turnover	9.000.000€

**8. EGEO TECNOLOGIA E AMBIENTE S.A – Sacavém
(ex- AUTO-VILA S.A)**

Period	From 01.01.2010 to 28.09.2010
Function or position	Member of the board, and member of the Executive Team
Main activities or responsibilities	Executive Manager for the Hazardous Waste Treatment, Solvent Recycling, Industrial Maintenance and Treatment Facilities, maritime waste collection and treatment, fuel production.
Company sector	Environment, waste treatment, industrial maintenance (www.egeo.pt)
Average annual Turnover	65.000.000€ (600 employees)

9. SISAV – Sistema Integrado de Tratamento e Eliminação de Resíduos S.A - Chamusca

Period	From 21.05.2008 to 30.09.2010
Function or position	Member of the board, and member of the Executive Team
Main activities or responsibilities	Executive Manager for the Treatment plant, Maritime, Operational, Commercial, External communication and authorities contacts.
Company sector	Environment, waste treatment (www.sisav.pt)
Average annual Turnover	10.000.000€
Period	January 2004 (Project and commissioning period) to 21-05-2008
Function or position	General Manager
Main activities or responsibilities	Manager of the International Project Team (initial investment project depends on VEOLIA head office in Paris). Managing all the construction (28 million Euros investment), commissioning, initial company politics, recruitment, business building, company start-up etc...
Company sector	Environment, waste treatment

10. EGEO SOLVENTES S.A – Pombal (former ECOSOCER Lda.)

Period	From 19.06.2008 to 28.09.2010
Function or position	CEO
Main activities or responsibilities	Operational, commercial, business politics, strategy, authorities' contacts, lobbying, etc...
Company sector	Environment, waste treatment (solvent recycling by distillation)
Average annual Turnover	3.500.000€

11. SOGILUB – SOCIEDADE GESTORA DE ÓLEOS LUBRIFICANTES USADOS- Lisbon

Period	From 20.06.2008 to 17.06.2010
Function or position	Member of the Board
Main activities or responsibilities	Member appointed by UNIOIL (Portuguese Association for waste lubricant oil collection)
Company sector	National Collection System of Waste Lubricant oils (www.sogilub.pt)
Average annual Turnover	10.000.000€

12. EUROMAINTENANCE S.A – Algés

Period	March 2008 – 05.01.2009 (the company is absorbed by AUTO-VILA S.A)
Function or position	CEO
Main activities or responsibilities	Operational, commercial, business politics, strategy, authorities' contacts, lobbying, etc...
Company sector	industrial maintenance
Average annual Turnover	7.000.000€ (110 employees)

13. AUTO-VILA – Reciclagem de Resíduos Industriais S.A - Sacavém

Period	11.06.2008 – 31.12.2009 (company is merged within EGEO Group)
Function or position	CEO
Main activities or responsibilities	Operational, commercial, business politics, strategy, authorities' contacts, lobbying, etc...
Company sector	Environnement, waste treatment, industrial maintenance, maritime waste collection and treatment, fuel production
Average annual Turnover	20.000.000€ (> 100 employees)
Period	September 2003 to 11.06.2008
Function or position	General Manager
Main activities or responsibilities	Operational, commercial, enforce business politics, enforce board strategy, authorities' contacts, etc...
Company sector	Environment, waste treatment (a VEOLIA company until 2006)
Period	18.06.2002 to September 2003
Function or position	Waste Treatment Manager
Main activities or responsibilities	Manager for the waste exportation and treatment solutions
Company sector	Environnement, waste treatment

AUTO-VILA was renamed in 2010 as EGEO TECNOLOGIA E AMBIENTE S.A, and has absorbed the following companies in a merging operation: IPODEC & EUROMAINTENANCE.

AUTO-VILA was a VEOLIA ENVIRONNEMENT 100% company until first quarter of 2005.

14. ECOSOCER – Recuperação de solventes e resíduos, Lda. – Pombal

Period	From May 2000 to 14.06.2002
Function or position	General Manager
Main activities or responsibilities	Operational, commercial, enforce business politics, enforce board strategy, authorities' contacts, etc...
Company sector	Environment, waste treatment, solvent recovery by distillation
Period	From May 1998 to May 2000
Function or position	Commercial
Main activities or responsibilities	Commercial activity to improve waste solvent collection, and solvent recovered (as product) sales
Company sector	Environment, waste treatment, solvent recovery by distillation

15. Stora Celbi Celulose da Beira Industrial S.A - Leirosa - Figueira da Foz.

Period	From 03.03.1997 to 21.12.1997
Function or position	trainee
Main activities or responsibilities	Characterization of all wastes generated in pulp mill
Company sector	Paper pulp production

III- Education and formation

1. Academics

Coimbra University – Science college
1998- Chemical Engineer Degree

Main works and papers:

- "Polyacrylates production"
- "Atmospheric pollution in industrial sites"
- "Isopropanol plant project"
- "Catalytical Oxidation in Reverse reactors"

Secondary studies: Lycée Bartholdi - Colmar (68.000 FRANCE)
1990- "Baccalauréat" type D (Biology and physics)

All degrees before University, courses in France.

2. Course Stage

SOPORCEL Sociedade Portuguesa de Papel S.A - Lavos - Figueira da Foz.
1996/1997 - Trainee of **Celulose Technology**

3. Complementary formation

May 2013
Theme: Authorised Gas Tester (Certified) for
Atmosphere Testing – Confined Spaces
Atmosphere Testing – Hot Work
Atmosphere Testing – Purging
Local: Bristol
Organization: SCIENCO
Main trainers: Gary Taylor
Duration: 4 days

6 November 2008
Theme: "Mini MBA"
Local: SISAV Chamusca
Organization: VANTAGEM +
Main trainers:
Mario Marques, Rute Martins e Hugo Moreira
Duration: 30 hours

14 September 2006
Theme: "Quality Intranet"
Local: AUTOVILA head office
Organization: Ambisig
Duration: 8 hours

November 2000
Theme: " Environmental audits "
Local: Head of AEP - Porto
Organization: AEP
Duration: 21 hours

3 – 25 November
2000

Theme: “Waste Management Advanced course”

Local: Hotel Alif

Organization: Ambiforum

Main trainers:

Dr. Ludwig Krämer (Head of Dept. of Waste Management in the European Commission); Dulce Pássaro (President of the Portuguese Waste Institute at the time, and Environment Minister in 2010); Prof. Dr. José Santos Oliveira (UNL/FCT.); Drª. Constança Peneda (INETI);

Duration: 48 hours

October and
November
1999

Theme: “Waste treatment ”

Local: Head of AEP - Porto

Organization: AEP

Duration: 21 hours

June, July,
September, 1999

Theme: “Gas net and piping design”

Local: Instituto de Emprego e Formação Profissional de Aveiro

Organization: ISQ / Instituto de Soldadura e Qualidade

Duration: 120 hours

May 1998

Theme: “Waste treatment and solvent recovery”

Local: Barcelona

Organization: DERPIN S.A

Duration: 3 weeks full time

April
1997

Theme: “Solid waste laboratory analysis”

Local: Stora Celbi - Leirosa

Organization: Stora Celbi / INETI

Duration: 14 to 18/04/1997

Trainer: Eng.º João Seabra - INETI

IV – Personal skills and competences

Birth languages: Portuguese and French

Others languages

	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
Spanish	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
English	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user

- Member of the Board of UNIOIL – Portuguese association for waste oil collection and treatment, 2007 to September 2010;
- Junior Football player, in France, from 1980 to 1990; Senior Football player, season 1990-1991, Portuguese National III Division;

V - Organization skills and competences

- Good leadership capacity and motivation of working teams;
- Good capacity to manage stress situations;
- Good capacity to deal with emergency situations (industrial accidents, fires) acquire in practical experience or incidents;
- Good capacity to deal with Press (written and television) acquire through several interviews to newspapers (*Diário de Notícias, Correio da Manhã, Público* and *Expresso*), national television (RTP2 – i.e Portuguese Channel 2), technical review and papers, national radios (TSF e Antena 1).

VI - Technical Skills

- Project management, plant construction&design, waste management, waste oil re-refining, solvent recovery, maritime wastes collection and treatment, landfill for hazardous wastes, fuel production, water treatment, long term contracts for maintenance and waste collection in refineries;
- Strong experience in management, financial, accounting (SNC), customs laws, people leadership (I had 200 people under my direct command at EGEO), marketing, commercial strategy and *Project Finance with banks*;
- Strong experience in environmental laws and commercial laws;
- Strong knowledge and contacts with national authorities (Environmental Agency, etc...)

VII - Computers and IT skills

- Strong experience in Microsoft Office and Visio.
- Programmer with good practice in FORTRAN and BASIC
- User with good practice in AUTOCAD

X - Participation in conferences, fairs and exhibits

- 5º National Waste Forum –LNEC Congress Center, April 2011.
- Industrial Waste Management – APEMETA, 31 de March 2011, Lisbon Metro Conference Room
- “Relvão Ecopark, social, environmental and economical future”, 8 September 2007, Chamusca
- Public presentation of the Eco-Parque do Relvão Project, Carregueira Chamusca –S. Francisco building – 9 de March de 2007
- POLLUTEC – Lyon, 28 a 1 de December de 2006
- ABOUT BLUE COMMUNICATION – Environmental Conference – Hotel Tivoli Lisbon, October 10th, 2006
- Sogilub – Presentation of the Waste collection system – Lisbon, 4 de October de 2005.
- II Iberic Congress about Industrial waste production and treatment – Instituto para la Sostenibilidad de los Recursos (ISRCER) – Madrid, June 2005
- 3.º annual Workshop in Process Engineering – Chemical Engineering Dept. – , 19 de April de 2005
- Waste management and resources in Portugal - Instituto para la Sostenibilidade de los Recursos – Lisbon, 13 and 14 de May, 2004
- EXPOAMBIENTE 2004 – Environmental International Fair – Exponor – Porto

- Iberic Congress about Industrial waste production and treatment – Instituto para la Sostenibilidad de los Recursos (ISRCER) – Seville, 12th and 13th June, 2003.
- ECOMED POLLUTEC – Fira Internacional de Barcelona – Barcelona, 11 and 14th March, 2003.
- EXPOAMBIENTE 2003 – Environmental, Gas and energy fair – Lisbon.
- APEMETA – IPPC – Conference – Pequeno Auditório da Culturgest – 15 de March de 2002
- Pollutec – Salon International de l’Environnement – Paris, 4 a 7 de December de 2001.
- Expoambiente – Environmental, Gas and energy fair – Lisbon, 7-11 November de 2001.
- Directiva IPPC and EPER in Portugal – APEQ – Head of Portuguese Engineer Commission – Lisbon, 3 October 2001.
- Member invited by the Portuguese Government to participate in the Portuguese delegation to the inauguration of the “1st environmental fair of Galicia” (Ecopolis Community; APEMETA) - Vigo 5 June 2001.
- ECOMED POLLUTEC — Barcelona, 7 to 10 February 2001.
- Environmental audits – APEQ – Head of Portuguese Engineer Commission – Lisbon, September de 2000.
- IFEMA – Environmental international fair – Madrid, June de 2000.
- Fire Security in industrial plants – Equitotal / SKUM - Lisbon, June de 2000.
- Hazardous Products transportation – Ilustre Colegio Oficial de Quimicos de Galicia – Palácio Soutomaior – Pontevedra – SPAIN- 19 Maio de 2000.
- EXPOAMBIENTE - Environmental, Gas and energy fair – November 1999.
- IFAT99 (“*International Trade Fair for Environment, Waste Water and Waste Disposal*”) – May 1999 - MUNICH
- Deputy in the “*Hazardous waste management event*” – Hotel Altis Park – 21 and 22 de April de 1999 - LISBON
- EXPORECYCLING98 (Barcelona Fair) exposing solvent recovery – June de 1998

XI – Speaker at conferences and events:

May 2015

Conference Theme: Used lubricants, from waste to the new life

Presentation Theme: Collection of lubricant waste oils in Portugal (representing Sogilub)

Local: COIMBRA UNIVERSITY

Organization: Chemical Engineering Dept.

December the 21st, 2012

Conference Theme: Waste as raw material

Presentation Theme: Re-refining of lubricant waste oils in Portugal (representing Envirolil)

Local: COIMBRA UNIVERSITY

Organization: Chemical Engineering Dept.

April 2010

Conference Theme: 4^o National Waste forum

Presentation Theme: “Waste treatment: Things are not always like that seem”

Local: Hotel Tivoli Expo

Organization: About Media

- 22/23 April 2009** **Conference Theme:** 3^o National Waste forum
Presentation Theme: "The CIRVER SISAV"
Local: Hotel Tivoli Expo
Organization: About Media
- 6 Abril 2009** **Conference Theme:** "Wastes, innovation and challenges"
Presentation Theme: "The CIRVER SISAV"
Local: Chamusca Theatre
Organization: APEA
- 2 Abril 2008** **Conference Theme:** 2^a waste conference
Presentation Theme: "CIRVER, skills and treatment criteria's"
Local: Hotel Tivoli Expo
Organization: About Media
- 18.05.2007** **Conference Theme:** "Eco Parque of Relvão"
Presentation Theme: "The global Project for the Eco Parque do Relvão"
Local: Misericórdia de Chamusca Theatre
Organization: Chamusca Municipality
- 09.05.2007** **Conference Theme:** "Contaminated soils"
Presentation Theme: "Soil remediation techniques"
Local: university of Guarda
Organization: IPG – Área de Geotecnia e vias de Comunicação do DEC.
- 22.03.2007** **Conference Theme:** "Wastes – new strategy"
Presentation Theme: "Final treatments of hazardous wastes: cooperation between cement kilns and CIRVERs"
Local: Hotel Tivoli Tejo – Lisbon
Organization: About Blue Conferências e Água & Ambiente.
- 08.03.2007** **Conference Theme:** Soil remediation techniques and cases studies
Presentation Theme: "Soil remediation techniques"
Local: Instituto Superior de Engenharia do Porto
Organization: Instituto Superior de Engenharia do Porto
- 15.12.2006** **Conference Theme:** "Strategic for analysis and soil remediation"
Presentation Theme: "Soil remediation techniques"
Local: Head of Portuguese Engineer Commission - Lisbon
Organization: Conselho Regional do Colégio de Engenharia Geológica e de Minas
- 25.10.2006** **Conference Theme:** "Water and wastes"
Presentation Theme: "Waste management solutions"
Local: Centro Cultural de Macieira de Cambra Auditorium
Organization: EDV Energia e CEDV
- 17.05.2006** **Conference Theme:** "7.^a Great conference of Jornal Água & Ambiente Magazine"
Presentation Theme: Waste oil re-refining
Local: Centro Cultural de Belém
Organization: Jornal Água & Ambiente
- 31.04.2006** **Conference Theme:** *Public consultation of the CIRVER project*
Presentation Theme: "The CIRVER SISAV project"
Local: Salão da Avuca, Carregueira - Chamusca
Organization: SISAV, Chamusca Municipality

- 11.04.2006** **Conference Theme:** *Public consultation of the CIRVER project*
Presentation Theme: *"The CIRVER SISAV project"*
Local: Parque Ambiental de St. Margarida Auditorium - Constância
Organization: SISAV, Constância Municipality
- 07.04.2006** **Conference Theme:** *Public consultation of the CIRVER project*
Presentation Theme: *"The CIRVER SISAV project"*
Local: Sociedade Arripiadense Auditorium, Arripiado - Chamusca
Organization: SISAV, Chamusca Municipality
- 24.03.2006** **Conference Theme:** *Public consultation of the CIRVER project*
Presentation Theme: *"The CIRVER SISAV project"*
Local: Chamusca City Hall
Organization: SISAV, Chamusca Municipality
- 30.03.2001** **Conference Theme:** *"Hazardous waste management"*
Presentation Theme: *"Solvent recovery"*
Local: Culturgest Auditorium– Caixa Geral de Depósitos - Lisbon
Organization: APEMETA – Associação Portuguesa de Empresas de Tecnologias Ambientais
- 10.03.2001** **Conference Theme:** *"Hazardous waste management"*
Presentation Theme: *"Solvent recovery"*
Local: Pombal Municipal Library
Organization: Portuguese Chemical Engineering Commission

XII - Papers published as author or co-author

CARDOSO, CARLOS – *"The first integrated treatment center of hazardous wastes"*, Magazine Industria e Ambiente – 4^o Quarter 2007, n.º47 pág. 6-10.

CARDOSO, CARLOS – *"From the paradigm of the last decade on the road to maturity"*, Magazine Mais Ambiente – September 2007, n.º5 pág. 14-16

CARDOSO, Carlos – *"Solvent recovery, the right option"*, ABC Ambiente – Journal of Quercus (Portuguese environmental ONG), Lisbon, 2000, n.º 22 pág. 26.

C.T. Pinheiro 1, V.R. Ascensão 1, M.M. Cardoso 1, C.M. Cardoso 2, M.J. Quina 1 and L.M. Gando-Ferreira 1 – *"PHYSICOCHEMICAL CHARACTERIZATION OF USED LUBRICANT OILS FOR MAXIMIZING THEIR REGENERATION POTENTIAL"*, 6th International Conference on Engineering for Waste and Biomass Valorisation – May 23-26, 2016 - Albi, France

C.T. Pinheiro, V.R. Ascensão, C.M. Cardoso, M.J. Quina, L.M. Gando-Ferreira, *"AN OVERVIEW OF WASTE LUBRICANT OIL MANAGEMENT SYSTEM: PHYSICOCHEMICAL CHARACTERIZATION CONTRIBUTION FOR ITS IMPROVEMENT"*, Journal of Cleaner Production. 150 (2017) 301-308. doi: 10.1016/j.jclepro.2017.03.024.

XIII- Positions in Associations

- **VICE CHAIRMAN OF EUROSHORE INTERNATIONAL** - Brussels Area, Belgium (www.euroshore.com)

From May 2016 – until now

Euroshore was founded in 1998 and now has members in Belgium, Gibraltar, France, Germany, Greece, Italy, Estonia, Malta, Nigeria, the Netherlands, Spain, Portugal, Romania, Turkey and the United Kingdom.

The main objective of the Association is to promote and further the interests of companies that are active in the area of ships waste management.

To promote the use of its members port reception facilities

To promote the efficient and environmentally sound disposal of ships waste

To promote relevant international policy, procedures and standards of competence for the collection and processing of ships waste

To promote healthy and fair competition. Past activity has seen the Association closely involved in the development and implementation of the European Directive (2000/59/EC) on Port receptions facilities for ship-generated waste and cargo-residues

- **VICE CHAIRMAN OF PRODEQ – ASSOCIATION FOR THE DEVELOPMENT OF THE CHEMICAL ENGINEERING (UNIVERSITY OF COIMBRA)**

From May 2015 until now

PRODEQ is the an Association created by the Chemical Engineering Department of Coimbra's University, to promote the Chemical Engineering though Investigation projects developed in partnership with private industries.