



Europass Curriculum Vitae



Personal information

Surname(s) / First name(s) **de Arriaga Brito Correia Guedes Manuel**

Address(es) Departamento de Eng. Civil e Arquitectura
Gabinete 3.45
Instituto Superior Técnico
Av. Rovisco Pais
1049-001 Lisboa
PORTUGAL

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Nationality Portuguese

Date of birth 20/04/1967

Gender Male

Desired employment / Occupational field

Projects in the area of Environmental Design/ Sustainable Development / Energy-efficient Building (management or consultancy). Interested in both E.U. and Developing Countries - in the latter case preferably Portuguese-speaking African Countries.

Work experience

Dates 10/01/2006 →

Occupation or position held Assistant Professor, Director of the Architectural Research Centre (ICIST-N8)

Main activities and responsibilities Director of the Architectural Research Centre of the Instituto Superior Técnico (ICIST - Group 8). Responsible for several Disciplines of the courses of Architecture, Civil Engineering and Territorial Engineering, namely Environmental Design, Sustainable Design, Building Services and Infrastructures, and Architecture.
Responsible for two disciplines in the M.Sc. Courses of Construction (Bioclimatic Architecture) and Built Patrimony (Environmental Rehabilitation).
Supervisor of two Ph.D. students and five M.Sc. students.
Coordinator of three research projects: 1 E.U. project (ASIA-LINK, with general coordination by the University of Cambridge), and two E.C. funded National Projects on Sustainable/ Energy Efficient design.

Name and address of employer Department of Civil Engineering and Architecture
Instituto Superior Técnico
Av. Rovisco Pais
1049-001 Lisboa, Portugal

Type of business or sector Academic (Technical University of Lisbon)

Dates 31/12/2004 - 10/01/2006

Occupation or position held Assistant Professor

Main activities and responsibilities	<p>Responsible for several Disciplines of the courses of Architecture, Civil Engineering and Territorial Engineering, namely Environmental Design, Sustainable Design, Building Services and Infrastructures, and Architecture.</p> <p>Responsible for two disciplines in the M.Sc. Courses of Construction (Bioclimatic Architecture) and Built Patrimony (Environmental Rehabilitation).</p> <p>Supervisor of two Ph.D. students and six M.Sc. students.</p> <p>Coordinator of three research projects: 1 E.U. project (ASIA-LINK, with general coordination by the University of Cambridge), and two E.C. funded National Projects on Sustainable/ Energy Efficient design.</p>
Name and address of employer	<p>Department of Civil Engineering and Architecture Instituto Superior Técnico Av. Rovisco Pais 1049-001 Lisboa, Portugal</p>
Type of business or sector	Academic (Technical University of Lisbon)
Dates	01/07/2002 - 31/12/2004
Occupation or position held	Assistant Professor, Director of the Course of Architecture (IST)
Main activities and responsibilities	<p>Director of the Course of Architecture of the Instituto Superior Técnico. Responsible, among other obligations, for the Accreditation Process of the Course by the Order of Architects (which was successful), promotion of the course, coordination of teaching and student activities, etc.</p> <p>Responsible for several Disciplines of the courses of Architecture, Civil Engineering and Territorial Engineering, namely Environmental Design, Sustainable Design, Building Services and Infrastructures, and Architecture.</p> <p>Responsible for all protocol disciplines of the Course, and student and staff exchange programs.</p> <p>Supervisor of seven M.Sc. students.</p> <p>National Coordinator of one E.U. project, involving seven European partners (ECO-BUILDING, with scientific coordination by the University of Cambridge), and one E.C. funded National Project on Energy Efficient design.</p> <p>Organisation and participation in various international and national conferences, seminars and workshops.</p>
Name and address of employer	<p>Department of Civil Engineering and Architecture Instituto Superior Técnico Av. Rovisco Pais 1049-001 Lisboa, Portugal</p>
Type of business or sector	Academic (Technical University of Lisbon)
Dates	01/09/2000 - 01/07/2002
Occupation or position held	Assistant Professor
Main activities and responsibilities	<p>Responsible for several Disciplines of the courses of Architecture, Civil Engineering and Territorial Engineering, namely Environmental Design, Sustainable Design, Building Services and Infrastructures, and Architecture.</p> <p>Supervisor of four M.Sc. students.</p> <p>National Coordinator of one E.U. project, involving seven European partners (ECO-BUILDING, with scientific coordination by the University of Cambridge), and one E.C. funded National Project on Energy Efficient design.</p> <p>Participation in various international and national conferences, seminars and workshops.</p>
Name and address of employer	<p>Department of Civil Engineering and Architecture Instituto Superior Técnico Av. Rovisco Pais 1049-001 Lisboa Portugal</p>
Type of business or sector	Academic (Technical University of Lisbon)
Dates	01/09/2000 - 10/01/2006
Occupation or position held	Researcher, Member of the ICIST-n.8

Main activities and responsibilities Researcher, member of the Architectural Research Centre of the Instituto Superior Técnico (ICIST-group 8)
 Coordination and participation in various International and National research projects (cf.1-3).
 Organisation and participation in various conferences, seminars and workshops.
 Consultancy for three private firms (Building Promoters), concerning the sustainable design/Energy efficient design for three new large-scale urban projects.

Type of business or sector Academic and Private

Dates 02/01/1995 - 31/08/1995

Occupation or position held Field researcher

Main activities and responsibilities Survey and subsequent writing of a book on traditional shops in the Azores islands.

Name and address of employer PAOT - Programa de Artes e Ofícios Tradicionais (sponsored by UNESCO)
 This institution is extinct.

Type of business or sector Institutional (Ministry of Culture)

Dates 02/09/1992 - 30/09/1993

Occupation or position held Architect

Main activities and responsibilities C.P.U. Architects' office- collaboration in various projects, namely of four buildings in a new research and office park (Tagus Park), and the refurbishment of BP headquarters' building in Lisbon. Correia Guedes Architects' office – project for a house in Sintra.

Name and address of employer CPU Consultores
 R. José Sarmento, 2
 Lisboa, Portugal

Type of business or sector Private

Dates 30/10/1991 - 01/09/1992

Occupation or position held Trainee, Architect

Main activities and responsibilities Ateliêr Contemporânea - Arq. Manuel Graça Dias e Arq. Egas Vieira: Participation in various projects, namely the Portuguese Pavillion in Seville's EXPO 92, two residential buildings in Vila Real, the competition for the National Assembly building, and the building of the Agronomy Faculty (UTL).

Name and address of employer Ateliêr Contemporânea
 Rua do Sol ao Rato, 6, 1º.
 Lisboa, Portugal

Type of business or sector Private

Dates 02/04/1985 - 29/10/1991

Occupation or position held Trainee

Main activities and responsibilities Terms of probation in the offices of various architects: Arq. Graco Theodor Wandschneider, Arq. António Jardine Neto and Arq. José Miguel Correia Guedes. Participation in studies and projects of five Hotels (three new buildings, two refurbishments), and a Spa (refurbishment) in Portugal.

Name and address of employer Arq. José Miguel Corrêa Guedes
 Av. Marquês de Tomar, 106, 1º Esq.
 1050 - Lisboa, Portugal

Type of business or sector Private

Education and training

Dates 07/10/1995 - 01/09/2000

Title of qualification awarded Ph.D.

Principal subjects/occupational skills covered Environmental design in Southern European Office Buildings.
 Sustainability, passive design, energy efficiency, thermal comfort.
 The thesis was supervised by Dr. Nick Baker and sponsored by the E.U. "Praxis" scholarship.

Name and type of organisation providing education and training The Martin Centre for Architectural and Urban Studies
 Faculty of Architecture
 University of Cambridge

Level in national or international classification | No levels are attributed at Cambridge - just passed or failed.

Dates | 07/10/1993 - 30/09/1994

Title of qualification awarded | M.Phil.

Principal subjects/occupational skills covered | M.Phil. in Environmental Design, on "Aspects of Environmental design of Office Buildings in Portugal". The thesis was supervised by Dr. Dean Hawkes, and sponsored by the Calouste Gulbenkian Foundation.

Name and type of organisation providing education and training | Faculty of Architecture of the University of Cambridge (The Martin Centre for Architectural and Urban Studies).

Level in national or international classification | Passed (there are no levels at Cambridge Post-Graduate Courses)

Dates | 01/02/1993 - 30/07/1993

Title of qualification awarded | Post-Graduation

Principal subjects/occupational skills covered | Post-graduation in CAD - Computer Aided Design

Name and type of organisation providing education and training | Faculty of Architecture - Technical University of Lisbon

Level in national or international classification | Approved (no levels were attributed)

Dates | 01/10/1986 - 08/01/1992

Title of qualification awarded | Licenciatura (Graduation)

Principal subjects/occupational skills covered | Architecture

Name and type of organisation providing education and training | Faculty of Architecture - Technical University of Lisbon

Level in national or international classification | Good

Personal skills and competences

Mother tongue(s) | **Portuguese**

Other language(s)

Self-assessment
European level ()*

English
French
Spanish
Italian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User

(*) *Common European Framework of Reference (CEF) level*

Social skills and competences

Team work has always played a fundamental part in both my professional and my private life. I consider myself a good listener, and my "problem-solving" posture goes towards promoting dialog and compromise, acting when necessary.

In "extra-curriculum" terms, I made part of a voluntary group to aid poor people (specially children) in Lisbon's suburbs during 5 years.

In terms of sports, I played football, did rowing, did some skiing in easter hollidays, and practiced Karate and Aikido for 6 years (I preferred the latter). At present, I run and swim with my kids, and, occasionally, play some ball.

Organisational skills and competences	<p>Director of the Course of Architecture of the IST.</p> <p>Director of the Architectural Research Centre of the IST (ICIST-n.8).</p> <p>Coordinator of various research projects.</p> <p>Member of various associations, among which the Environment Group of the Order of Architects (founding member), member of the Geographical Society (Emigration Commission), of the Solar Energy Society, of Greenlight, and various other organisations.</p>
Technical skills and competences	Some DIY skills, practiced every weekend at home. Fast learner in terms of fixing gadgets.
Computer skills and competences	Office programs (word, excell, powerpoint, etc), SPSS (statistics), Exsys (Expert system), Autocad, Corel Draw, 3D studio.
Artistic skills and competences	Amateur (weekend) painter since birth. Mostly oil on canvas.
Other skills and competences	Boating licence (motor and sail).
Driving licence	Yes
Additional information	<p>10 relevant publications:</p> <p>Correia Guedes, Manuel, "An Expert System for the application of Passive Design in southern European office buildings", na Environment – CIES Newsletter, University of Cambridge, http://www-cies.geog.cam.ac.uk/www-cies, May 1996.</p> <p>∑ Correia Guedes, Manuel, "A new tool for building professionals: an Expert System for the application of Passive Design in southern European office buildings", in FOCUS Archive, http://www-cies.cam.ac.uk/FOCUS/www-cies, July 1997.</p> <p>∑ Correia Guedes, Manuel, "Redesigning Comfort: Passive Cooling Refurbishment of Office Buildings in Southern Europe", na Environment – CIES Newsletter, University of Cambridge, http://www-cies.geog.cam.ac.uk/www-cies, December 1997.</p> <p>∑ Correia Guedes, Manuel, "Adaptive Behaviour and Thermal Comfort: A field Study of Office Buildings in Lisbon", ed. Proceedings of the Workplace Comfort Forum, Sheffield, 1999, ed. Workplace Comfort forum, University of Sheffield, Setembro de 1999.</p> <p>∑ Correia Guedes, Manuel, "Thermal Comfort and Passive Cooling Design in Southern European Office Buildings", in Environment – CIES Newsletter, University of Cambridge, http://www-cies.geog.cam.ac.uk/www-cies, October 1999.</p> <p>∑ Correia Guedes, Manuel, "Conforto Térmico e Design Passivo em Edifícios de Escritórios: Um Estudo em Lisboa", in Proceedings of the conference Construção 2001, ed. IST, Lisbon, December 2001.</p> <p>∑ Correia Guedes, M.; Anselmo, I.; Lopes, G.; Aguas, M., "Um projecto para a reabilitação energética do edifício do DECivil do IST", in Proceedings of the V1 congresso Ibero-Americano de Energia Solar, 29Set-2 Out 2002., Vilamoura ed. SPES, (no prelo).</p> <p>∑ Correia Guedes, M. "Arquitetura Bioclimática", in Ambiente 21, nº 9, Abril 2003, pp21-22, ed. Loja da Imagem, Lisboa 2003.</p> <p>∑ Correia Guedes, M.; Anselmo, I.; Lopes, G.; Aguas, M., "An Energy Rehabilitation Project for IST's DECivil Building", in Proceedings of the 3rd International Postgraduate Research Conference in the Built and Human Environment, Lisbon 3-4 April 2003, ed. University of Salford, Blackwell Publishing, Salford, 2003, pp. 85-94.</p> <p>∑ Correia Guedes, M. "Um exemplo a seguir: a intervenção do GERTIL em Timor", in AR, Cadernos de FAUTL, ed. FCT-FAUTL, Lisboa, Janeiro 2004, pp.116-117</p>

EUROPEAN LEVELS - SELF ASSESSMENT GRID

	A1	A2	B1	B2	C1	C2	
Listening	I can understand familiar words and very basic phrases concerning myself, my family and immediate concrete surroundings when people speak slowly and clearly.	I can understand phrases and the highest frequency vocabulary related to areas of most immediate personal relevance (e.g. very basic personal and family information, shopping, local area, employment). I can catch the main point in short, clear, simple messages and announcements.	I can understand the main points of clear standard speech on familiar matters regularly encountered in work, school, leisure, etc. I can understand the main point of many radio or TV programmes on current affairs or topics of personal or professional interest when the delivery is relatively slow and clear.	I can understand extended speech even when it is not clearly structured and when relationships are only implied and not signalled explicitly. I can understand television programmes and films without too much effort.	I have no difficulty in understanding any kind of spoken language, whether live or broadcast, even when delivered at fast native speed, provided. I have some time to get familiar with the accent.	C2	
Reading	I can understand familiar names, words and very simple sentences, for example on notices and posters or in catalogues.	I can read very short, simple texts. I can find specific, predictable information in simple everyday material such as advertisements, prospectuses, menus and timetables and I can understand short simple personal letters.	I can understand texts that consist mainly of high frequency everyday or job-related language. I can understand the description of events, feelings and wishes in personal letters.	I can read articles and reports concerned with contemporary problems in which the writers adopt particular attitudes or viewpoints. I can understand contemporary literary prose.	I can understand long and complex factual and literary texts, appreciating distinctions of style. I can understand specialised articles and longer technical instructions, even when they do not relate to my field.	I can read with ease virtually all forms of the written language, including abstract, structurally or linguistically complex texts such as manuals, specialised articles and literary works.	
Spoken Interaction	I can interact in a simple way provided the other person is prepared to repeat or rephrase things at a slower rate of speech and help me formulate what I'm trying to say. I can ask and answer simple questions in areas of immediate need or on very familiar topics.	I can communicate in simple and routine tasks requiring a simple and direct exchange of information on familiar topics and activities. I can handle very short social exchanges, even though I can't usually understand enough to keep the conversation going myself.	I can deal with most situations likely to arise whilst travelling in an area where the language is spoken. I can enter unprepared into conversation on topics that are familiar, of personal interest or pertinent to everyday life (e.g. family, hobbies, work, travel and current events).	I can interact with a degree of fluency and spontaneity that makes regular interaction with native speakers quite possible. I can take an active part in discussion in familiar contexts, accounting for and sustaining my views.	I can express myself fluently and spontaneously without much obvious searching for expressions. I can use language flexibly and effectively for social and professional purposes. I can formulate ideas and opinions with precision and relate my contribution skillfully to those of other speakers.	I can take part effortlessly in any conversation or discussion and have a good familiarity with idiomatic expressions and colloquialisms. I can express myself fluently and convey finer shades of meaning precisely. If I do have a problem I can backtrack and restructure around the difficulty so smoothly that other people are hardly aware of it.	
Spoken Production	I can use simple phrases and sentences to describe where I live and people I know.	I can use a series of phrases and sentences to describe in simple terms my family and other people, living conditions, my educational background and my present or most recent job.	I can connect phrases in a simple way in order to describe experiences and events, my dreams, hopes and ambitions. I can briefly give reasons and explanations for opinions and plans. I can narrate a story or relate the plot of a book or film and describe my reactions.	I can present clear, detailed descriptions on a wide range of subjects related to my field of interest. I can explain a viewpoint on a topical issue giving the advantages and disadvantages of various options.	I can present clear, detailed descriptions of complex subjects integrating sub-themes, developing particular points and rounding off with an appropriate conclusion.	I can present a clear, smoothly-flowing description or argument in a style appropriate to the context and with an effective logical structure which helps the recipient to notice and remember significant points.	
Writing	I can write a short, simple postcard, for example sending holiday greetings. I can fill in forms with personal details, for example entering my name, nationality and address on a hotel registration form.	I can write short, simple notes and messages. I can write a very simple personal letter, for example thanking someone for something.	I can write simple connected text on topics which are familiar or of personal interest. I can write personal letters describing experiences and impressions.	I can write clear, detailed text on a wide range of subjects related to my interests. I can write an essay or report, passing on information or giving reasons in support of or against a particular point of view. I can write letters highlighting the personal significance of events and experiences.	I can express myself in clear, well-structured text, expressing points of view at some length. I can write about complex subjects in a letter, an essay or a report, underlining what I consider to be the salient issues. I can select a style appropriate to the reader in mind.	I can write clear, smoothly-flowing text in an appropriate style. I can write complex letters, reports or articles which present a case with an effective logical structure which helps the recipient to notice and remember significant points. I can write summaries and reviews of professional or literary works.	