Ficha LA - versão 2.1

1		1. Nome/Designação do LA	CICECO – Instituto de Materiais de Aveiro / CICECO - Aveiro Institute of Materiais
A - Caracterização do LA		2. Acrónimo do LA 3. Referência FCT	CICECO
		4. Coordenador do LA	Jašo Manuel Costa Araújo Pereira Coutinho; jcoutinho@ua.pt - 234 401 507
	LA	5. Data da atribuição do estatuto de LA	2002
		6. Webpage	http://www.ciceco.ua.pt/
		7. Classificação FCT 8. Financiamento Complementar FCT Total	95/100 4.403.853.00
		1. Nome/Designação da Unidade de I&D	GICECO – Instituto de Materiais de Aveiro / CICECO - Aveiro Institute of Materiais
	Unidade de I&D Principal	2. Acrónimo	CICECO
		3. Personalidade jurídica	Fundação pública com regime de direito privado
		4. Coordenador	
		4. Coordenador 5. Contactos gerais	João Manuel Costa Araújo Pereira Coutinho; jcoutinho@ua.pt - 234 401 507 Morada: CICECO, Complexo de Laboratórios Tecnológicos, Campus Universitário de Santiago, 3810-193 Aveiro, Portugal
		6. Webpage	http://www.ciceco.ua.pt/
		7. Classificação FCT	Excelente
		8. Financiamento Base FCT Total	4,027,570
ł		9. Financiamento Programático FCT Total 1. Nome/Designação	1,075,000 Universidade de Aveiro
	Unidade de Gestão Principal	2. Personalidade iurídica	
		2. Personalidade jurídica	Fundação pública com regime de direito privado
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I	N.º de investigadores integrados com PhD	-	200
B - Constituição da	N.º de ETIs integrados N.º de técnicos		181
equipa de investigação	N.º de doutorandos		203
do LA	N.º de outros colaboradores com PhD		13
	N.º de outros colaboradores sem PhD		52
C - Missão do LA			Mission of CICECO: To develop the scientific and technological knowledge necessary for the innovative production and transformation of materials for a sustainable development and the benefit of society (from ceramics to soft matter and hybrids).
c - WIISSao do LA	1 Mission Statement/Objectives principal		penent or society (irrom ceramics to sort matter and nyorids). Vision of CliceCo: To strengthen our leading role as an inter-disciplinary European research laboratory in the field of materials; Contribute to the development of a scientific culture at the
	1. Mission Statement/Objetivos principais	+	
			Ingenharia dos Materiais
, I	1. Área Científica 1	+	Materials Engineering
D - Áreas Científicas	2. Área Científica 2		Nanotecnologia Nanotechnology
S · Areas cientinuds	3. Área Científica 3		
, t	4. Área Científica 4		
	5. Área científica 5		
		+	
1	1. Palavra-chave 1 2. Palavra-chave 2		Materials Nanosciences
E - Palavras-chave	3. Palavra-chave 3		Netrosciences Sustainability
	4. Palavra-chave 4		Bioengineering
	5. Palavra-chave 5		
	1. Linha Temática 1	-	
		1. Designação da LT	Materials Science and Engineering, and Nanotechnology João Amaral & Andrei Kavaleuski
		2. Coordenador da LT	Joao Amara's Andrei kavaleuski phone: 23437 925
			e-mail: jamaral@ua.pt
		3. Contactos do Coordenador	phone: 234370118 e-mail: adavaleuski@u.ut
		3. Contactos do Coordenador	Context This thematic line is focused on the core business of CICECO, which has granted us international recognition. CICECO joins scientists from the Departments of Chemistry, Physics and
F - Linhas Temáticas			Insurenaux me is to case on the core business or cleace, which has greated as meteriation recognitional recognitions cleaced joins sciencias non-me began mension cleaced and the second science and
			and challenges.
			This thematic line concerts directly with the FCT 'Thematic Agenda for Industry and Manufacture' that aims to promote at a sustainable industry and manufacturing, and to contribute to increase the Portuguese industry competitiveness. Five thematic domains are considered strategic to spur industrial manufacturing in Portugal: advanced materials; advanced industrial
			technological processes; efficient resources and processes management; robotics and intelligent manufacturing systems; collaborative networks and human centred industrial production.
			Most Thematic Agenda scientific aims and core objectives are covered in this CICECO Thematic Line, listed below.
			Scientific aims
			- To design, prepare, process and characterize: Inorganic and organic-inorganic multifunctional materials and nanostructures of different (0-3D) dimensionality, for the information and
			communications technologies (optical, magnetic properties), photovoltaics, catalysis, biological and environmental applications; ferroics and nanostructures for integration in electronic, magnetic, electromechanic, thermal or biomedical devices and energy saving applications;
		1	To increase the performance and added value of materials via surface functionalisation for corrosion protection, wear resistance, various sensors, and innovative multifunctional
	1		
		4 Descrição da IT	configurations;
1	2. Linha Temática 2	4. Descrição da LT 1. Designação da LT	
	2. Linha Temática 2	4. Descrição da LT 1. Designação da LT 2. Coordenador da LT	configurations; - To study molecular systems structure, from atoms to devices, calculate their physicochemical and electronic properties, predict their behaviour, viz, under pressure and temperature. Sustainability and Circular Economy Carla Vileia
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