



## R&D Capabilities

Departments, centres and research institutes of the UAB<sup>CIE</sup> Sphere have demonstrated excellence in their field of R&D, promoting multi-disciplinary research and knowledge transfer.

Therefore, we promote collaboration, information sharing and the creation of agreements between research centres and companies with the aim of increasing innovation and business competitiveness.

In this section we present the scientific and technological capacities of the research groups of the Esfera (Sphere) UAB<sup>CIE</sup> organized by subject.



<b>APPLICATIONS</b>	<b>SOLUTIONS</b>
Law and Legal Studies	Legal advice
	Advice on policy and equity plans
	Advice on corporate social responsibility
	Advice on democratic awareness campaigns
	Development of plans for social reintegration
	Advice on policies to prevent crime
	Advice on issues of digital privacy and hackers
	Modelling the right of Internet users
Education and educational policies	Advice on learning methods
	Development of protocols and education plans
	Advice and design of social intervention programs with children and adolescents
	Advice on the integration of ICT in education
	Advice on the effective use of language
	Advice on education policies
	Trainer training
	Psychology counselling
	Design, development and publication of educational materials
	Design and implementation of educational activities
Assessment and evaluation of social inclusion processes	
Business and organizations	Advice on the strategic development of organizations
	Analysis and plans for improving productivity
	Advice on optimizing resource allocation
	Efficiency studies of public enterprises
	Market analysis and sector work
	Advice on corporate social responsibility

Socioeconomic and Public Policy Studies	Development of socio-economic reports
	Advice on labour policies
	Studies on electoral participation and politics
	Advice on international and intercultural policies
	Advice on the management of migration flows
	Consulting, design, implementation and evaluation of social intervention programs
	Consulting, design and evaluation of public policies
	Identification and analysis of social and personal networks
	Advice on research ethics
	Advice on the design of social research and survey analysis
Environmental management	Designing local development models
	Advice and information about citizen attitudes and values
	Design of local development models
	Advice on land management
	Analysis of territorial mobility
	Reconstruction of traditional-historical landscapes
	Studies of environmental and economic impact assessment
Psychological and psychosocial studies	Design of development and sustainability projects
	Geographic Information Systems
	Advice on socio-affective relationships
	Studies of the psychosocial impact of technical innovations
	Consulting services for participatory processes
Health and Society	Development of affective software
	Advice on the prevention of occupational risk
	Advice on the prevention of occupational risks
	Advice on the prevention of harmful traditional practices.
	Indicators of the standard of living of the population
	Social studies of health from a gender perspective

Communication language and translation	Advice and linguistic correctness
	Advice on digital communication
	Development of good practice manuals on linguistic diversity
	Advertising plans and optimization of advertising resources
	Automatic processing of textual information
	Advice on Computer Assisted Translation tools
	Creating, accessing and analyzing databases
	Publication of texts, brochures and promotional material
	Bibliographic information service
	Audiovisual design and production
	Development of guidelines for critical reading
	Legal translations
	Building lexical tools
	Advice on editing and translating works and historical texts
	Advice on the communication of large events
	Development of guidelines for critical reading
Translation trainer training	
Education and media	
Evaluation of historic and cultural heritage	Historical advice
	Valuation of bibliographic and documentary heritage
	Advice on cultural policy
	Cultural management: creation and organization of cultural activities
	Publication of scores and CDs
	Theatrical advice
	Advice to publishers
Technical analysis and dating of artwork	



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