

CESAM's Research Areas		
	Description	Target Economic Activities
Annex II - Innovation		
Environment	Environmental Impact Assessment	All economic activities
	Management, Certification and Environmental Auditing Systems	All economic activities
	Strategic Environmental Assessment: development of sustainability indicators	All economic activities
	Socio-economic and environmental assessment of technologies and strategies for the sustainable development	Quarrying Manufacturing
	Efficiency analysis of processes for the treatment of sludge and effluents and monitoring of pollutant discharges	Quarrying Manufacturing Collection, purification and distribution of water; sanitation, management of wastes and clearing of pollution
	Assessment and Characterization of sludge as sub-products of industrial activity	To be used as e.g., fertilizer and as biomass to serve as fuel for thermoelectric production Quarrying Manufacturing Collection, purification and distribution of water; sanitation, management of wastes and clearing of pollution
	Modelling of carbon fluxes	Assessment of the potential of trees as carbon sinks; modeling of the industrial carbon emissions Forestry Quarrying Manufacturing
	Development of new analytical technologies	Including methodologies for the quantification of pollutants in environmental samples Quarrying Manufacturing Collection, purification and distribution of water; sanitation, management of wastes and clearing of pollution
	Climatic and Meteorological Modelling	Assessment of the impacts from climatic changes using numerical simulations of the climate Production of electricity Tourism
	Monitoring of air quality	Quarrying Manufacturing
	Sustainable tourism	Impact analysis and risk assessment; mitigation of negative impacts Construction Tourism
	Hunting and Fishing Planning and Management, Hunting and Fishing Tourism	Survey, assessment, conservation and management of wildlife, in the perspective of its sustainable exploitation and its use for tourism and hunting; planning and management of natural resources Hunting Fishing Tourism
Energy diversification and efficiency	New energetic solutions	Biomass: algae, crops and forest wastes; selection and improvement of species; optimization of production processes Manufacture (Energy)
		Geological resources: Gas hydrates Quarrying (Energy)