ENGLISH

TECHNOLOGY OFFER

RETECNA

NAVARRE TECHNOLOGICAL NETWORK

R&D TECHNOLOGIES AND SERVICES	APPLICATIONS								
	METAL MECHANICS	MATERIALS	ENERGY	ENVIRONMENT	ELECTRONICS	FOOD	HEALTH	AUTOMOTION	OTHERS
Advanced engineering for the surfaces of materials	■	■			■		■	■	
Advanced materials: intelligent, with sensors, biodegradable		■		■					
Bioclimatic architecture		■	■	■	■				
Biodiesel (characterization and development)			■					■	
Biofactories in plants						■	■		
Biogasification			■	■					
Bioinsecticides				■		■	■		
Bioprocesses and natural additives for new foods				■		■			
Carbohydrate metabolisms - energy crops			■	■					
Cardiovascular science							■		
Chromatography				■				■	
Design engineering and virtual simulation	■	■	■					■	
Determination of emissions and discharges				■					
Development of ECUs								■	
Durability and fatigue	■	■						■	
Electronic product development	■	■	■	■	■				
EMC tests and consultancy	■		■	■	■				
Energy from Biomass (evaluation of biomass, life cycle analysis, design of biodiesel and bioethanol plants)			■	■					
Fluid-thermal systems	■		■	■		■		■	
Food, beverages and containers: analytical control (physical-chemical, microbiological), process control and prediction of working life, characterization and traceability GMOs, etc				■		■			
Gene theraphy							■		
Hepatology							■		
INKJET	■	■	■		■	■			
Integrated Engineering for plants and production processes	■		■		■	■		■	■
Kinematics and Dynamics	■							■	
Livestock infections, diagnosis and vaccines						■	■		
Mecatronics	■	■			■			■	
Metabolism of nitrogen				■					
Metallic materials	■	■	■	■				■	
Microbial biofilms				■		■	■		
Nanoparticles (minerals, ceramics and metal)	■	■	■			■	■	■	■
Neurosciences (Alzheimer and Parkinson)							■		
New technologies for the conservation of food and beverages		■				■			
New waste management techniques			■	■				■	
Noise and vibration (design of parts)	■		■					■	
Oncology (lung, blood cells, prostate gland, breast and colon)							■		
Optimization services: parametric, shapes, topology, stochastic calculations								■	
Photovoltaic solar energy (installations, photovoltaic inverters, design of photovoltaic materials)			■		■				
Polymers and composites	■	■	■	■				■	
Power electronics and accumulation of power (analysis of capacity, control equipment, lightning prediction and protection systems, converters and hydrogen)	■		■		■				
Predictive and preventive maintenance (noise, vibation, etc.)	■		■		■	■		■	■
Security and control	■	■	■	■	■	■		■	■
Static, dynamic and thermal simulation services								■	
Strategic surveillance	■	■	■	■	■	■	■	■	■
Structural and thermal-structural design and analysis	■							■	
Thermography	■		■		■				
Waste water: Analysis, characterization and consultancy				■					
Wind Power (MEASNET certification tests, wind and power prediction models, blade design, monitoring of structural deformations).			■						