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<i>date:</i>	15.05.2017					
<b>Description of activities</b>	<p>APPLIED NANOPARTICLES S.L. (AppNps) is a spin-off of the Catalan Institute of Nanotechnology (ICN2), the University Autònoma of Barcelona (UAB) and the Institut Català de Recerca i Estudis Avançats (ICREA). Among its co-founders are scientists from these institutions, international experts on RRI (Responsible Research and Innovation), and experts in e-communication (see for example the tweeter account @biogasplu) and experts in business development and technology transfer as Nanonica (CH). AppNps has the office address in Barcelona and the laboratory in the campus of the UAB.</p> <p>The main current objective of AppNps is the commercial exploitation of the patent application "biogas production", in the U.S. and Europe, consisting of the use of iron oxide NP as additives to optimise the production of biogas; the product name is BioGAS+. AppNps also develops projects on the production, characterisation and commercialization of model NP, as well as consulting work related to other possible industrial uses. In this regard, AN explores the use of iron oxide NP or similar in other applications, such as catalysis, environmental remediation, energy storage, drug, imaging contrast agent, bacteriostatic and bactericide substance or hyperthermia.</p> <p>AppNps business is based on the principles of Responsible Innovation, focusing on the design processes of NP and low energy consumption, low toxicity, waste minimization and reduction of emissions. In 2013 AppNps has received awards from the Repsol Foundation and the Secretaria General Iberoamericana (SEGIB). Among the costumers of AppNps there is the Barcelona City Council, CosmoCaixa –the science museum-, researchers from different EU laboratories and other technology-based companies.</p> <p>AppNps devotes significant effort to education, public debate and public awareness of nanotechnology, using virtual tools (such as nanowiki, reference website and twitter account with more than 2500 followers), but also by hosting Master and PhD students for specific technical training. While keeping their previous research and training activities currently is participating in the 1st Fòrum Internacional d'Educació i Tecnologia (FIET) and the Ile-de-France Summer School on Nanotechnology. The company is funded for its industrially-oriented research by the Fundació Repsol: Fondo de emprendedores.</p>					
<b>Range of activities (please tick)</b>		<i>pre-treatment systems</i>	X	<i>digestion systems</i>		<i>upgrading systems</i>
<b>Type of company</b>	<i>Technology supplier</i>		Yes		No	
	<i>End-user</i>		X			
	<i>Research unit</i>		X		X	
	<i>Consulting company</i>		X			
	<i>Engineering company</i>				X	
	<i>Production company</i>				X	
<b>Experience in research projects</b>			X			
<b>Other comments</b>						
<b>Expectations from Record Biomap, e.g.</b> - to find consortium partners for possible projects? - do you already know any funding call or other funding opportunities? - attend our planned workshops? - to find customers?	To find both, a community of developers and a community of users of our technology, from where we take a share of the increased benefits. Partnering in H2020 projects and alike, where we are active, it is a nice way of developing such strategy as much as pure commercial actions.					