


Name: David Bolzonella			
Function:	Associate Professor in Chemical Engineering		
Institution:	University of Verona		<input type="checkbox"/> Funding Agency <input checked="" type="checkbox"/> Programme Manager
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Division	LABICAB – Laboratory of Environmental Chemical Engineering and Bioprocesses		
Areas of Expertise:			
Anaerobic fermentation and digestion of solid urban-industrial-agricultural waste; nutrients recovery from high strength liquid streams; biological wastewater treatment			
Short Description of your Institution:			
<p>The University of Verona is a public institution enrolling approximately 23,000 students in the areas of life sciences, computer science and socio-economic sciences and humanities and hosts 1,500 teaching and administrative/technical staff. The institution was founded in the Fifties and in 1982 it was established as autonomous State University. According to the prestigious business Italian journal “Il Sole 24 Ore”, in 2015 the University of Verona was ranked 1 st in Italy for the quality of the research and teaching. The University of Verona has participated in more than 70 FP7 and H2020 projects. The University of Verona will participate to the project through its group of Environmental Chemical Engineering of the Department of Biotechnology. The group has a vast experience in EU funded projects and participated to 10 EU projects in FP7 and H2020 (including project coordination).</p>			
Role in the project:			
<p>The research unit will be mainly involved in WP2 (leader) and WP5 dedicated to the study of:</p> <ul style="list-style-type: none"> a) the enhanced removal of suspended solids from wastewater, b) the fermentation of obtained sludge for the production of readily biodegradable COD forms and c) the biological removal of nitrogen and phosphorus from reject water of sludge anaerobic digestion. <p>The research activities will be carried out in a real environment, using real wastewater, sludge and reject water so to obtain results easily transferable.</p>			