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Function:	Full Professor in Chemical Engineering		
Institution:	University of Santiago de Compostela		<input type="checkbox"/> Funding Agency <input checked="" type="checkbox"/> Programme Manager
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Division	Group of Environmental Engineering and Bioprocesses. Department of Chemical Engineering		
Areas of Expertise:			
Modelling and control of anaerobic waste and wastewater (co)digestion; Removal of micropollutants from wastewater; Tertiary treatment of micropollutants by enzymatic reactors; Bioplastic production from lignocellulosic wastes.			
Short Description of your Institution:			
<p>The University of Santiago de Compostela (USC) is one of the historical universities in Spain, founded in 1495. USC has participated actively in more than 100 projects under various European Union RTD Framework Programmes and Initiatives, the resources obtained by R&D accounting for more than 20% of its total budget.</p> <p>The Group of Environmental Engineering and Bioprocesses (http://www.usc.es/biogrup/) belongs to the Department of Chemical Engineering at the USC (Spain). According to the number of research projects and SCI publications, it can be considered one of the best groups of Environmental Engineering at the Spanish level. So, in the period 2009-2016 the group was awarded with 26 national, 19 EU research projects and 58 contracts with companies, which provided an average budget of 1.2 M€ (excluding permanent staff salaries). Its publication capacity in this period was of 330 SCI publications, 70% of which were published in journals situated in the first quartile of the SCI ranking, and 40 Doctoral Theses.</p>			
Role in the project:			
Coordinator and Principal Investigator of WP3 on Enhanced Sludge Treatment. The aim of this WP is to boost the sludge line and create added value by maximizing energy production from the recovered organic carbon by means of sludge thermal pre-treatment and Anaerobic Digestion (AD). Biogas production as well as centrate quality will be optimized, the latter not only in terms of conventional but also of emerging pollutants.			