

Tapas Poster Presentation Day
Thursday 11/06 - Second *semifinal* round

P226	7145225	Operation Of A Pilot-Scale Hyperthermophilic Hydrolysis Reactor Pretreating Wheat Straw For Enhanced Biogas Production	Gilroyed, Brandon (Canada)
P227	7145228	Methanization Of Opuntia Ficus-indica At 20°C, 35°C, And 55°C	Gonzalez-Martinez, Simon (Mexico)
P228	7145236	A Mini Review Of Anaerobic Co-digestion For Enhancing Hydrogen Production	Shabanizadeh, Hessam (Germany)
P229	7145241	PCA And Cluster Analysis Of Thermal Hydrolysis: Effects On Industrial And Municipal Biosludge Anaerobic Digestion	Goycochea Freire, Nicolas (Uruguay)
P230	7145268	Effect Of Modified Biochar In Acidogenic Co-fermentation Of Protein-rich Waste: BioH ₂ , VFA And Microbial Community	Pagés-Díaz, Jhosané (Chile)
P231	7145278	Effect Of Magnetite On The Anaerobic Degradation Of Purified Terephthalic Acid (PTA) Wastewater In EGSB Reactors	Kurnianto, Rifki Wahyu (Netherlands)
P232	7145279	Effect Of Winery Wastewater Pretreatment By Anodic Oxidation On Biohydrogen Production Via Dark Fermentation	Lauzurique, Yoney (Chile)
P233	7145282	In-situ Biogas Upgrading As A Strategy For Improving FW Digestion	Ribeiro, Mateo (Uruguay)
P234	7145283	Hybrid Bio-electrochemical Biogas Upgrading Into Renewable Natural Gas Via Formic Acid	Ye, Shaoyu (Canada)
P235	7145285	MAPPING THE GREEN HYDROGEN AND AMMONIA POTENTIAL OF LANDFILLS IN CHILE: A TECHNICAL AND ECONOMIC ASSESSMENT	Lorenzo-Llanes, Junior (Chile)
P236	7145286	Impacts Of Organic Loading On Acidification And Methane Production In Anaerobic Co-Digestion Of Coffee Wastes	Garay Jácome, María Paula (Colombia)
P237	7145289	Recovery And Reuse Of Magnesium And Phosphorus From Struvite For Efficient Ammonium Removal In Wastewater	Kim, Weonjae (Korea, Republic of)
P238	7145290	Suppressing Methane Emissions From Sewage Sludge Digestate	Hassan, Muna Ibrahim (United Kingdom)
P239	7145306	Methane And Energy Recovery Enhancement By Ultrasonic Pre-treatment Of Landfill Leachate Co-digested With WAS	Isik, Onur (Türkiye)
P240	7145336	Feasibility Of Valorizing Citrus Processing By-Products Through Dark Fermentative Biohydrogen Production	Kim, Do-Hyung (Korea, Republic of)
P241	7145337	Integrating DF-BES For Mezzal Vinnasses Treatment And Energy Production Using CQDs From Organic Waste	Estrada-Arriaga, Edson Baltazar (Mexico)
P242	7145360	Transformation Of WWTPs Into Ecofactories: Production Of Phosphate Salts With Agronomic Value	Paredes, Lidia (Spain)
P243	7145366	Minimizing Internal Resistance In AD-MEC Systems Using Graphite Felt Electrodes	Timmers, Rudolphus Antonius (Spain)
P244	7145374	Disintegration For Methane Production Causes BPA Leaching From Polycarbonate Microplastics	Sanin, Faika (Türkiye)
P245	7145382	Quantifying Methanogenic Pathway Contributions In Syngas Biomethanation Using $\delta^{13}C$ and δ^2H Stable Isotope Methods	Bonato, Irene (Italy)
P246	7145386	Techno-Economic Assessment Of An Anaerobic Membrane Bioreactor For Dairy Wastewater Treatment	Shitreh, Shayan (Türkiye)
P247	7145400	Effects Of Transient PH Dynamic Shocks On Anaerobic COD Degradation Under Sewer-like Conditions	Kim, Dong-Hoon (Korea, Republic of)
P248	7145407	Sulfur Source Effect On The Biological Activity Of Microbial Consortia Fed With H ₂ /CO ₂	Laguillaumie, Léa (France)
P249	7145408	Demonstration Of A Two-step Digestate Processing Strategy For Enhanced Nutrient Availability	Hagenimana, Eric (United Kingdom)
P250	7145413	Challenging Heating Requirements In Anaerobic Digestion: Room-temperature Performance In Batch And Continuous Reactors	Bhatia, Pranshu (Japan)
P251	7145417	Beyond Arrhenius: Moderate Thermophilic Temperatures Maximise Hydrolysis In Food Waste Anaerobic Digestion	Nader, Elie (France)
P252	7145422	Synergistic Role Of Low-Strength Ultrasound And Co-Digestion In Anaerobic Digestion Of Swine Wastewater	Jo, Hongmok (Korea, Republic of)
P253	7145423	Effects Of Inoculum Source And Microbial Community Enrichment On Hydrogenotrophic Methanogenesis Under Different H ₂ -CO ₂	Bozzelli, Antonio (Italy)
P254	7145424	β -FeOOH Nanorod Catalysts As Non-precious Alternatives For Hydrogen Evolution In Microbial Electrolysis Cells	Nam, Joo-Youn (Korea, Republic of)
P255	7145429	Improving Municipal Organic Waste Treatment Through Thermal Hydrolysis To Enhance Anaerobic Digestion Performance	Colin, Juliette (Spain)
P256	7145455	Influence Of Gas-liquid Mass Transfer On The Modelling Of In Situ Biomethanation At Laboratory And Pilot Scales	Segura, Tatiana (France)
P257	7145462	Environmental Assessment Of Different Post-treatment Technologies For Nutrient Recovery From AnMBR Effluents	Jiménez-Benítez, Antonio (Spain)
P258	7145465	Energy And Environmental Assessment Of Pretreatments For CBG Production From Rice Straw: A Study In The Indian Context	Kulkarni, Amey (India)
P259	7145474	Increased Organic Loading Of Marine Aquaculture Sludge In Continuous Biogas Reactors	Solli, Linn (Norway)
P260	7145479	Environmental Life Cycle Assessment Of Three Degassing Membranes For Methane Recovery From AnMBR Effluent	Jiménez-Benítez, Antonio (Spain)
P261	7145493	Biogas Desulfurization Through Sulfide-oxidizing Bacteria Grown On Cow Manure Digestate As A Circular Nutrient Source	Zhu, Yali (Belgium)
P262	7145506	Mixed Culture Fermentation Of Brown Juice For Carboxylates Production	Zagorna, Amelia (Poland)
P263	7145511	Magnetite Modulates Syntrophic Networks In Sulfate-stressed Anaerobic Microbiomes	Angelidaki, Irini (Denmark)
P264	7145519	Energy And Nutrients Recovery In A Pilot-scale Biogas Plant Treating Agro-aquaculture Waste In The Colombian Orinoquia	Cadavid-Rodríguez, Luz Stella (Colombia)
P265	7145524	Advanced Anaerobic Co-digestion Of Swine Manure Enhanced By Conductive Materials And Electrochemical Stimulation	Yun, Yeo-Myeong (Korea, Republic of)
P266	7145529	Taxonomy-based Assessment Of Industrial Anaerobic Sludges For Biohydrogen Production	Hidalgo, Dolores (Spain)
P267	7145530	Wasted Sludge Valorization Via Simultaneous PHA And EPS Recovery	Mannina, Giorgio (Italy)
P268	7145531	Evaluation Of Graphene Oxide And Reduced Graphene Oxide Impacts On Anaerobic Propionate Degradation Kinetics	Wan, Jingjing (Australia)
P269	7145533	Bioprocess Strategies To Enhance Microbial Medium-Chain Fatty Acids Production From Carbohydrates-Rich Food Waste	Gallipoli, Agata (Italy)
P270	7145550	Life Cycle Assessment Of Two Management Alternatives For Organic Fraction Of Municipal Solid Waste	Ribes, Josep (Spain)

P271	7145556	Integration Of Electrodialysis And Long-term Acid Fermentation From Olive Mill Solid Waste	Serrano, Antonio (Spain)
P272	7145557	Why Upscaling Matters: Comparative Anaerobic Digestion Of Soybean Molasses And Crude Glycerol From Lab To Pilot-scale	Clara Gomes Rodrigues, Brenda (Brazil)
P273	7145558	Biohythane Production From Vinasse And Molasses In A Two-stage Anaerobic Fluidized Bed Reactor	Amorim, Eduardo (Brazil)
P274	7145577	Valorizing Hydrothermal Carbonization Liquid Streams For Biomethane Recovery	Hidalgo, Dolores (Spain)
P275	7145579	Biogas Production And Co-digestion Performance Of Biomass Harvested From Membrane Photobioreactors	Ferrera León, Elvira (Spain)
P276	7145590	Thermophilic Biomethanation With Straw: Effect Of Sparger Size In Gas Recirculation	Laaksonen, Ilmari (Finland)
P277	7145594	Hybrid Machine Learning Framework For Accurate Methane Yield Prediction And Uncertainty Analysis In Household Digesters	Shaw, Taniya (India)
P278	7145595	How Ammonia Stress Reshapes Methanogenic Pathways: Insights Into Pathway-specific Inhibition And Recovery	Wang, Zhongzhong (Spain)
P279	7145603	Transforming Aquaculture Waste Into Volatile Fatty Acids: Designing A Continuous Anaerobic Fermentation Process	Otterheim, Linnéa (Sweden)
P280	7145610	Optimizing VFA Production Via Primary Sludge Hydrolysis For Enhanced Biological Phosphorus Removal	Rathnaweera, Subhash (Norway)
P281	7145618	Thermophilic Fungi Hydrolytic Enzymes To Enhance Bioconversion From Brewers' Spent Grains	Cubero Cardoso, Juan (Spain)
P282	7145626	Start-Up And Performance Of A Demonstration-Scale Thermophilic Sewage Sludge Anaerobic Reactor: Engineering & Microbiolo	Casallas, Miguel (Spain)
P283	7145634	PFAS-Like Compounds In Digestates From Danish Biogas Plants: Occurrence And Analytical Characterization	Moulinho, Mariana (Denmark)
P284	7145641	The OBIWAN Project For Transformation Of Biogas Into Advanced Chemicals And Sustainable Aviation Fuel: Dynamic Modeling	Ribeiro, Thierry (France)
P285	7145645	Study Of The Impact Of Biofilm Formation On The Ex-situ Biological Methanation Process	Keramati, Misagh (France)
P286	7145646	Mono-Digestion Of Straw Using Novel Anaerobic Digestion Technologies	Moller, Henrik (Denmark)
P287	7145650	SYMSITES: Urban-industrial Symbiosis For Waste And Wastewater Management In The Alcoy Area	Tamarit Coronado, Raquel (Spain)
P288	7145653	Start-up Stability And Microbial Dynamics In A Full-Scale Dry Plug-Flow Digester Treating Kitchen Waste	Li, mingyang (China)
P289	7145657	Estimating ADM1 Prediction Uncertainty Via Inter-laboratory Studies And Experimental Data	Delory, Félix (Germany)
P290	7145670	Steering Open-mixed Cultures Toward Ethanol Production From Agroindustrial Waste	Martorell-Múgica, Alejandra (Spain)
P291	7145671	Assessment Of Anaerobic Digesters' Performances In Finland With A Non-radial Data Envelopment Analysis Model	Varalta, Federico (Finland)
P292	7145674	Optimizing Acetogenic CO2 Conversion Via Strategic Selection Of Support Materials Using Multilevel Categorical Design	Kougias, Panagiotis (Greece)
P293	7145678	GPS-X Simulation-Based Optimization Of Anaerobic Digester Operation For Seasonal Food Waste Leachate	Yoo, Gamin (Korea, Republic of)
P294	7145679	Experimental Evaluation And Advanced Control Strategy For Pig Manure And Crude Glycerol Co-Digestion Optimization	Khanal, Samir (Hong Kong, China)
P295	7145684	Effect Of Sodium Hypochlorite On Methane Production And Microbial Community In Anaerobic Digestion	Ni, Jialing (Japan)
P296	7145687	Machine Learning-Driven Optimization Of Pressurized Biomethanation Via Targeted Trace Metal Supplementation	Kontogiannopoulos, Konstantinos (Greece)
P297	7145691	Dark Fermentation Of Fruit Waste: Effects Of Supplementation Strategies On H2 Production And Organic Matter Removal	Janas, Ana (Brazil)
P298	7145693	Optimization In Biogas Production For The Valorization Of Chicken litter And Citrus Wastewater	Maintinguer, Sandra Imaculada (Brazil)
P299	7145714	A Multi-Stage Biological Treatment System For Sustainable Waste Management And Resource Regeneration On Lunar Bases	Biasiolo, Marco (Italy)
P300	7145718	Machine Learning-based Assessment Of Reactive Species Effects In Cold Plasma Pretreatment For Anaerobic Digestion	Kim, Boyoung (Korea, Republic of)
P301	7145721	Optimization Of Biochar-Digestate Mixtures For Chemical Profile Amelioration Across Three Soil Types	Nikolaïdou, Charitini (Greece)
P302	7145730	From Bottles To Steady-state Anaerobic Digestion Reactors: A Corrected Mass Balance Model For CSTR	Baquerizo-Crespo, Ricardo (Spain)
P303	7145731	Impact Of Lignocellulose-derived Inhibitors On Continuous Dark-fermentative Hydrogen Production	Zagrodnik, Roman (Poland)
P304	7145738	Biomimetic Chewing Pretreatment Of Miscanthus For Enhanced Biogas Production: From Batch To Continuous Operation	Li, Chao (China)
P305	7145740	Mesophilic Anaerobic Co-Digestion Of HTC Process Water And WWTP Primary Sludge: A Continuous Laboratory-Scale Assessment	Revert Vercher, Julio (Spain)
P306	7145743	Environmental Stress As A Driver Of Pigment Modulation In Rhodobacter Capsulatus	Llana Saus, Javier (Spain)
P307	7145748	Algal Biomass As A Natural Alkalinity Source In The Anaerobic Digestion Of Raw Sugarcane Vinasse	Siqueira, Juliano (Brazil)
P308	7135679	Intelligent Sludge Dewatering: Real-Time Adaptive Control Delivering Measurable Operational And Environmental Gains	Gehani, Dinesh (Germany)
P309	7145751	Antibiotic Removal During Anaerobic Digestion Of Cattle Manure: Does Organic Loading Rate Have An Effect?	Rial, Antón (Spain)
P310	7145753	Cavitation Based Pretreatment For The Enhancement Of Biohydrogen Production From OFMSW	Logan, Mohanakrishnan (India)
P311	7145755	Coupling Wet Air Oxidation And PPB Bioelectrochemical Processes for Sustainable Refinery Sludge Treatment	Galve Santacruz, Victor (Spain)
P312	7145762	Anaerobic Digestion Gases Capture And Bioconversion Into High Value-added Bioproducts	Colvée Bosch, Carolina (Spain)
P313	7145764	Psychrophilic Digestate As A Substitute For Urea In Dairy Pastures	Casallas, Miguel (Colombia)
P314	7145766	Mixed VFA Fermentation Dynamics Through Simplified ADM1	González-Barceló, Óscar (Mexico)
P315	7145769	Rhodospseudomonas Palustris TIE-1 As A Promising Driver For Biogas Upgrading And Production Of Food-grade Value-added Com	García López, María José (Spain)
P316	7145771	Anaerobic-Aerobic Treatment Of Polymer Production Wastewater: Enhanced COD Removal And Energy Recovery	Shang, Ran (Netherlands)
P317	7145773	Comparing Anaerobic Technologies For The Treatment Of Hydrothermal Liquefaction Aqueous Byproduct In WRRFs	Wehner, William (United States)

P318	7145782	Anaerobic Fungal Bioaugmentation Alters Structural, Biochemical, And Microbial Dynamics In Straw Anaerobic Digestion	Meenakshisundaram, Shruthi (France)
P319	7145786	Impact Of Temperature On Solid-State Anaerobic Digestion Of Cow Manure And Co-Digestion With Rice Straw	Abbas, Muzammil (Japan)
P320	7145788	Starch-Rich Versus Fibre-Rich Diets And Fat Supplementation: Impacts On Methane Yields Of Dairy Cow Manure	Romio, Cristiane (Denmark)
P321	7145791	A Rumen-inspired Hydrolytic AnDMBR Coupled With A Methanogenic AnDMBR Enables Stable Food Waste And Sludge Co-digestion	Karki, Renisha (United States)
P322	7145793	Cold-adapted Volatile Fatty Acids Recovery From Food Waste: Insights From Anaerobic Batch Fermentation Tests	Kendir Cakmak, Ece (Sweden)
P323	7145797	Volatile Fatty Acid Production Under Ambient Temperature: The Role Of Granular Activated Carbon And Torrefaction	Sari, Tugba (Sweden)
P324	7145805	Continuous Acidogenic Fermentation Coupled With Vivianite Formation	Kim, Sang-Hyoun (Korea, Republic of)
P325	7145807	Thermal-alkali Pretreatment Of Poplar Wood For Enhanced Production Of Biogas	Azizi, Armineh (Canada)
P326	7145824	Stratification And Time Series Analysis Of Trickle Bed Bioreactors For Biogas Upgrading	Papasakellariou, Konstantinos (Denmark)
P327	7145827	Stratified Bed Of Fluidized Reactors Exhibits Predominance Of Autotrophic Methanogenesis Assisted By Dark Photosynthesis	Dornelles, Henrique (Brazil)
P328	7145832	Gravimetric Vs Volumetric Calibration: Liquid-Displacement Gas Meter Uncertainty Assessment For High-Throughput BMP Test	Li, Chao (China)
P329	7145847	Process-driven Control Of Carboxylate Production From Acid Whey	Brodowski, Filip (Poland)
P330	7145848	Potentialities Of Semi-continuous Anaerobic Digestion For Mitigating Antibiotics In Sludge From WWTP	Ezzariai, Amine (Morocco)
P331	7145868	Environmental Assessment Of Biogas Production Systems Across Five Farm Archetypes In Hauts-de-France	Mballa Omgba, Bruno (France)
P332	7145891	Effects Of Microbial Consortium Obtained From Fruit Waste After Bioaugmentation With Carbon Sources On H2 Production	Janas, Ana (Brazil)
P333	7145893	Enhancing Methane Production From Pig Slurry Using Biochar: Effects Of Dosage And Temperature	Cerrillo, Miriam (Spain)
P334	7145895	Techno-economic Assessment Of The Bioenergy Potential Of Post-harvest Cocoa And Coffee Biomass Waste In Rural Areas	Cubero Cardoso, Juan (Spain)
P335	7145909	Comparison Of Host Systems For Production Of Recombinant Carbohydrate Active Enzymes Sourced From Anaerobic Fungi	Sciascia, Gabriel (Switzerland)
P336	7145914	Low Cost Tubular Digesters In Europe: First Results	Marti-Herrero, Jaime (Ecuador)
P337	7145918	Residual Methane Potential Of AD Plants Assessing Climate-relevant Emissions	Ruesch, Florian (Switzerland)
P338	7145928	Coupling Electrochemical CO2 Reduction To Formate With Purple Phototrophic Bacteria For Single Cell Protein Production	Pezzuto, Marco (Italy)
P339	7145933	Valorization Of Food Waste Beyond Co-Digestion	Ramalingam, Krish (United States)
P340	7145935	Dose-response Effects Of Microaeration On Thermophilic Lignocellulose-based Anaerobic Digestion	Kozera, Marcin (Denmark)
P341	7145937	Unravelling The Function Of Uncultured Chloroflexota In Methanogenic Reactors Through Metatranscriptomics	Bovio-Winkler, Patricia (Uruguay)
P342	7145942	Temperature-Dependent Ammonia Stress And Loading Limits In Dry AD Of Swine Manure	Tumbahangpe, Manita (Canada)
P343	7145946	Biotechnological Hydrogen Production By Dark Fermentation From Biomass And Wastewater Sources	Souza, Leila (Brazil)
P344	7145949	Evaluation Of Anaerobic Digestate From Swine Washwater As A Biofertilizer In Forage Systems Under Field Conditions	Ariza Parra, Henry (Colombia)
P345	7145956	Assessment Of Emerging Contaminants And Heavy Metals In Moroccan Sewage Sludge For Environmental Risk Management	Cherradi, Oumaima (Morocco)
P346	7145957	Hyperspectral Imaging And Machine Learning To Improve Process Control Of Anaerobic Digestion Of Food Waste	Martin-Ryals, Ana (United States)
P347	7145965	Assessment Of The Biogas Production Potential From A Dairy Farm Located In The Tropical Region Of Costa Rica	Sanchez Romero, Carlos (Costa Rica)
P348	7145968	Performance And Feasibility Of Micro Biogas Systems Under Swiss Climate Conditions	Merkle, Wolfgang (Switzerland)
P349	7145977	Enhancing Anaerobic Digestion Of HTL Aqueous Phase: A Comparative Assessment Of Adsorption Pretreatment And Co-digestion	Amini, Ghazaleh (Canada)
P350	7145979	Valorization Of Landfill Leachate Using Innovative Technologies: Anaerobic Membrane Bioreactor And Biogas Upgrading	Fernández Fernández, Irene (Spain)
P351	7145981	Biorefinery Approach For Olive Pomace Conversion Into Bioproducts And Bioenergy: Technical And Sustainability Assessment	Ferrer, Ivet (Spain)
P352	7145998	Carbon Footprint Assessment Of Biomethane Production From A Centralized Biogas Plant	Bonmati, August (Spain)
P353	7145999	Modelling The Specific Methane Production Of An Anaerobic Digester With The First Derivative Of The Gompertz Equation	Esparza-Soto, Mario (Mexico)
P354	7146010	Towards Intensified Volatile Fatty Acids Production And Recovery In Acidogenic Fermentation Of Deproteinated Cheese Whey	Turolia, Andrea (Italy)
P355	7146038	Optimizing The Selective Odd-chain Carboxylate Production From Cheese Whey In A Two-step Fermentation System	Carballa, Marta (Spain)
P356	7146039	Chemical Oxygen Demand Analysis Of Organic Waste From A University Restaurant For Anaerobic Digestion	Tavares Santiago, Gabriela (Brazil)
P357	7146050	From Urban Waste To Biogas: Robust Anaerobic Treatment Of Fresh Leachate In A Pilot-Scale UASB System	Barbosa, Francis (Brazil)
P358	7146064	Energy And Resource Recovery From Municipal Wastewater By A Pilot-scale Sidestream Anaerobic Membrane Bioreactor	Liu, Zwei (China)
P359	7146065	Process Optimization Of Sewage Sludge Hydrothermal Carbonization For Integrated Energy And Resource Recovery	Diaz Pineda, Javier (Spain)
P360	7146068	Bioaugmentation Strategies For Improved Methane Yields During The Anaerobic Digestion Of Coffee Processing Waste	Tsigkou, Konstantina (Denmark)
P361	7146110	POTENTIAL OF BIOHYTHANE FROM MUNICIPAL SOLID WASTE FOR SUSTAINABLE AND LOW-CARBON TRANSPORTATION IN COLOMBIA	Valencia-Ortiz, Jhon G (Colombia)
P362	7146138	Effect Of Marine Salinity Stresses On Sewage Sludge Anaerobic Digestion Performance	Silvestre, Gracia (Spain)
P363	7146145	Fungal Community Promotion Via Microaeration For Maximizing Volatile Fatty Acids Production From Olive Mill Solid Waste	Guirado Mendoza, Luna (Spain)
P364	7146156	Operational Strategies For The Safe Transition From Mesophilic To Thermophilic Sludge Anaerobic Digestion In Wastewater	Castro, Celia (Spain)

P365	7146183	Microbial And Functional Impacts Of Distinct Ammonia Sources In Anaerobic Digestion	Medina Santana, Claudia (Ireland)
P366	7146197	Enhancing Energy Recovery In Wastewater Treatment Through Co-digestion: A Case Study From The B-WaterSmart Project	Casals del Busto, Ignacio (Spain)
P367	7146204	Assessment Of Circularity Potential Of Biogas Produced From Fish Sludge To Fish Feed	D. Moura, Clara (Portugal)
P368	7146217	Integrated Zeolite-based Metal Recovery To Boost Biogas Production: A Sustainable Approach To PTA Wastewater Treatment	Duarte, M. Salomé (Portugal)
P369	7146219	Pilot-scale Production Of Microbial Protein From Biogas Using Methanotrophic Cultures	Carvajal-Arroyo, Jose (Netherlands)
P370	7146251	Model-derived Insights Into Three Full-scale Anaerobic Digestion Systems For Co-digesting Sewage Sludge With FW And FOG	Puente, Pedro (United States)
P371	7146256	Behaviour Of PFAS In Anaerobic Treatment Systems: PFOA Adsorption And Impacts On Methane Production	Pereira, Luciana (Portugal)
P372	7146259	Nanotechnology For The Sustainable Production Of Biomethane From Palm Oil Industry Effluents In Tropical Countries	Agudelo-Morales, Carlos E (Colombia)
P373	7146281	Simultaneous Partial Nitrification-mixotrophic Denitrification Using Chilean Zeolite As Microbial Support	Guerrero, Lorna (Chile)
P374	7146284	Sustainable Sewage Sludge Management Strategies For Polyhydroxybutyrate-co-Polyhydroxyvalerate Production	Otero, Ana (Spain)
P375	7146300	Tailoring Olive-mill Wastewater Biostimulants To Boost Arthrospira Platensis Metabolism During Biogas Upgrading	Vargas-Estrada, Laura (Spain)
P376	7146302	Operational Diagnosis Of A UASB Reactor For Domestic Wastewater Treatment	Gradaschi Zambon, Isadora (Brazil)
P377	7146326	Improving Methane Production/Process Resilience In Anaerobic Digestion Via A Magnetite-doped Powdered Activated Carbon	Nakano, Reo (Japan)
P378	7146330	From Laboratory To Field: Scalable Bioremediation Strategies For Acid Rock Drainage In The Global South	Ochoa-Herrera, Valeria (Ecuador)
P379	7146344	Comparative Hydrogen Production In Microbial Electrolysis Cells Treating Brewery Effluents: Effect Of Cathode Material	Cardeña, René (Uruguay)
P380	7146350	Dynamic Forecasting Of Inhibitory And Hydrodynamic Phenomena In The AD Process With Transformer-based Architectures	Meola, Alberto (Germany)
P381	7146353	Characterisation And Prediction Of Struvite Formation During Anaerobic Digestion Of PolyP-Rich Waste Activated Sludge	Chen-Chen, Cornelius (South Africa)
P382	7146364	Temperature And SRT As Key Drivers Of Pharmaceutical Removal During Anaerobic Sludge Digestion	Crouchett Catalán, Francois (Spain)
P383	7146381	Operational Limits And Temperature Transition Strategies For High-loaded Anaerobic Digestion: Insights From Pilot-scale	Olsson, Jesper (Sweden)
P384	7146391	Renewable Gas Production At Wastewater Treatment Plants Via Electrochemical-biological CO ₂ -reduction	Rad, Raminah (Germany)
P385	7146393	Assessing Dark Fermentation As A Platform Technology For Biorefineries And Carbon Recycling	Manu, James (United Kingdom)
P386	7146415	Effect Of Thermal Pretreatment On The Anaerobic Digestion And Copper Distribution In Alperujo-olive Leaves Mixtures	Ramos-Muñoz, Victor M. (Spain)
P387	7146420	Enrichment Of PHA-Storing Mixed Cultures Using MAAD Food-Waste Leachate In An Automated Reactor	Carvajal, Andrea (Chile)
P388	7146424	Methane Production From Beeswax Waste: Experimental Evaluation And Kinetic Analysis	Barahona, Andrea (Chile)
P389	7146435	Sulfate-reducing Consortia Drive Integrated Acid Rock Drainage (ARD) Treatment	Zambrano-Romero, Aracely (Ecuador)
P390	7146439	Anaerobic Digestion Of Real Cattle Slurry As A Circular Economy Approach For Mitigation Of GHG Emissions	Costa, Luis (Portugal)
P391	7146455	Anaerobic Decolorization Of Reactive Black 5 Enhanced By Iron-based Additives: Performance And Microbial Response	Milen Firmino, Paulo Igor (Brazil)
P392	7146460	Comparison Of One- And Two-stage Anaerobic Digestion Of Molasses:energy Efficiency And Digestate Fertilisation Potential	Detman-Ignatowska, Anna (Poland)
P393	7146461	Carbonaceous Redox Mediators Enhance Anaerobic Removal Of Reactive Black 5	da Silva, Marcos Erick Rodrigues (Brazil)
P394	7146464	Long-term Anaerobic Digestion Of Livestock Waste And Digestate Valorization By Producing Microalgal Biomass	Gonzalez Camejo, Josué (Spain)
P395	7146466	Syngas-to-Acetate Platform: Enhancing Acetate Production By Acetobacterium Woodii Enriched Culture	Lebrero, Raquel (Spain)
P396	7146477	Saline-Resilient Anaerobic Granules: Inoculum-Independent Formation And Cobalt Biorecovery Potential In UASB Reactors	Gagliano, Maria Cristina (Netherlands)
P397	7146479	Enhancement Of Methane Production: Comparative Evaluation Of Carbon-based Additives In The Anaerobic Digestion Of Swine	Burboa Charis, Vianey (Mexico)
P398	7146485	Two-stage Approach To Use Waste From The Sugar-Alcohol Industry As Co-substrates For Hydrogen And Methane Production	Rabelo, Camila (Brazil)
P399	7146491	Process Design And Model-based Assessment Of Biological Methanation Integration In Wastewater Treatment Plants	Rossi, Simone (Italy)
P400	7146494	Spatial Assessment Of The Bioenergy Production And Nutrient Recycling Potential Of Brazilian Bovine Slaughterhouse Waste	Lazarotto Formagini, Edinéia (Brazil)
P401	7146496	Comparison Of Current On-ship Wastewater Treatment Technologies: Is There A Niche For Anaerobic Systems?	Gonzalez-Gil, Lorena (Spain)
P402	7146500	Multi-objective Optimization Of Thermal Pretreatment Process For Resource Recovery And Contaminant Abatement	Adetule, Oluyemi (Ireland)
P403	7146506	Influence Of Metformin On Anaerobic Digestion Activity	González Blanco, Gehovana (Mexico)
P404	7146509	Integrated Anaerobic Digestion And Photo-Fermentation For Tequila Vinasse Valorization And Biogas Upgrading	León Becerril, Elizabeth (Mexico)
P405	7146515	Optimizing Dark Fermentation Of Olive Mill Wastewater Via Inoculum Pretreatments	Fino, Debora (Italy)
P406	7146516	Fate Of Pharmaceutical Micropollutants During Mainstream Anaerobic Treatment Of Domestic Sewage	Holohan, Conall (Netherlands)
P407	7146518	Influence Of Temperature, Inoculum Source, And Organic Loading On Biohydrogen Production From Soybean Molasses In Batch	Comparato, Carolina (Brazil)
P408	7146519	Starch-Rich Diets And Fats, Nitrate And 3-Nitrooxypropanol Additives: Impacts On Methane Yields Of Dairy Cow Manure	Romio, Cristiane (Denmark)
P409	7146520	Treatment Of Delactosed Cheese Whey Permeate Using AnMBR: Performance, Methane Production, And Membrane Fouling Behavior	Perendeci, Nuriye (Türkiye)
P410	7146528	Determination Of The Optimum SRT For Carbon Capture And System Performance Of HR-MBR Treating Municipal Wastewater	Atilgan, Merve (Türkiye)
P411	7146530	Enhancing Anaerobic Digestion For The Treatment Of Organohalogen-Contaminated Paper Mill Wastewater: Impact Of Microbial	Barria, David (Chile)

P412	7146536	Modular Prototype For The Biological Treatment Of Acid Rock Drainages (ARD)	Zambrano-Romero, Aracely (Ecuador)
P413	7146537	Conductive Materials-amended Anaerobic Digestion Of Dairy Farm Waste For Improved Antibiotics Degradation	Pelagalli, Vincenzo (Ireland)
P414	7146539	Production Of Struvite By Microbial Isolates In Sugarcane Biorefinery Effluents	Soares, Bruna (Brazil)
P415	7146541	Use Of Magnetite-amended Digestate As A Fertiliser: Impact On VOC Emissions And Soil Microbial N Cycling	Vincent, Julien (Ireland)
P416	7146542	Application Of Nanoparticles In Anaerobic Digestion: A Review Based On The PRISMA Methodology	Novais, Vinicius (Brazil)
P417	7146543	Impact Of Silver Nanoparticles On The Anaerobic Digestion Of Sewage Sludge And Organic Solid Waste	González Blanco, Gehovana (Mexico)
P418	7146546	Effect Of Hydraulic Retention Time On Biohydrogen Production From Brewery Industrial Effluents In An AFBR	Amorim, Eduardo (Brazil)
P419	7146548	Enhanced Organic Micropollutant Removal In UASB Reactors Amended With Biochar And Magnetic Biochar	Firmino, Paulo Igor (Brazil)
P420	7146550	Effect Of Organic Loading Rate On Antibiotic Resistance Genes Fate During Anaerobic Digestion Of Cow Manure	Espada Núñez, Pablo (Spain)
P421	7146551	Energy Potential, Nutrients And Microorganisms In Olive Mill Solid Waste	Martín Medrano, Cinta (Spain)
P422	7146553	Under The Spotlight: Dead Volume Diagnosis In Full-scale Anaerobic Digesters By Means Of CFD Modelling	Arnau Notari, Rosario (Spain)
P423	7146557	Effect Of Physico-chemical Pre-treatments On The Anaerobic Biodegradability Of Soybean Okara For Biomethane Production	Quispe Arpasi, Diana Elizabeth (Peru)
P424	7146559	Biodegradation Of Allura Red And Aromatic Amines: Effect Of Micro-aeration And Co-substrate	Meza, Edna (Mexico)
P425	7146560	Relationship Between The Electron-transfer Capacity Of Carbon-based Materials And Biohydrogen Productivity	Burboa, Vianey (Mexico)
P426	7146561	Biological Stability Of Digestates From Anaerobic Digestion: Implications For Agricultural Reuse	Cerrillo, Miriam (Spain)
P427	7146562	Impact Of Multistep Separation On Biogas Potential From Re-digested Biogas Digestate	Ghorbani, Marzieh (Denmark)
P428	7146566	Design, Development, And Operation Of A Novel EGSB Reactor System Utilising Native Microbiota For VFA Production From Cheese Whey Permeate	Utomo, Michael Hananta (Ireland)
P429	7146569	Synergistic Anaerobic Co-Digestion Of Swine Manure And Nixtamalization Wastewater	Serrano, Denisse (Mexico)
P430	7146573	Anaerobic Co-digestion Of Fish Waste And Wet Coffee Processing Wastewater For Biomethane Production	Quispe Arpasi, Diana Elizabeth (Peru)
P431	7146576	Maximizing Methane Production In Swine Wastewater Through Alumina And Iron Oxide Additives	Armenta, Miguel (Mexico)
P432	7146580	Effect Of Grinding On The Anaerobic Digestion Of Green Waste	Bassin, Joao (Brazil)
P433	7146583	Co-Digestion Synergies Between Food Waste And Green Waste: Methane Yield And Biodegradability Evaluation	Bassin, Joao (Brazil)
P434	7146801	Pilot Scale Codigestion Of Gracilaria Sp. And Cattle Manure In A 20 M ³ Fixed Dome Digester: Biogas Performance And Kinetic Modelling	Essadek, Abdessadek (Morocco)
P435	7147111	Circular Biomethane Production In Rural Areas From Agri-food Waste: LIFE CHANDELIER Project	Fernández Blanco, Ana (Spain)
P436	7147264	Integrating Aquatic Biomass Into Anaerobic Digestion: A Sustainable Bioenergy Approach Using Duckweed	Akan, Aytac Perihan (Türkiye)
P437	7149375	Influence Of Hydraulic Retention Times On Hydrogen Production Via Acidogenic Fermentation	Fernandez-Morales, Francisco Jesus (Spain)
P438	7155536	Advanced Anaerobic Reactor For High Hydrolysis And Conversion Efficiency In Sewage Sludge Treatment	Deng, Zhe (Belgium)
P439	7156832	Techno-economic And Environmental Impacts Of Methanogenic Inhibition In Waste-to-energy Anaerobic Digestion Systems	Rivas-García, Pasiano (Mexico)
P440	7156864	Anaerobic Co-Digestion As A Pathway To Energy Neutrality In Small-Scale Wastewater Treatment Plants And Underloaded Facilities	López, Neus (Spain)
P441	7157631	RE-FEED: Renewable Energy Production At Farm Level For Energy Efficiency And Defossilization	Fragoso, Rita (Portugal)
P442	7158419	Stabilization Period Of A Fermentative Reactor Using An Intermittent Feeding Control Strategy	Vargas Casillas, Alejandro (Mexico)
P443	7164642	Effect Of Humidity And Biogas Composition On The CO ₂ /CH ₄ Selectivity Of Supported Liquid Membranes For Biogas Upgrading	Marco Velasco, Gorka (Spain)
P444	7164645	Comparative Fouling Study Of NIPS-driven And Electrospun PVDF Flat-sheet Membrane Contactors For Dissolved-CH ₄ Recovery From An Anaerobic Digestate	Gálvez, Alejandro (Spain)
P445	7171539	Retrofitting Old WWTPs With Anaerobic Digestion. A Case Study On Economic Viability	Gomes-Rodrigues, Sergio (Spain)
P446	7203605	Recovering Nutrients and Unblocking the Cake Layer of an Electrochemical Anaerobic Membrane Bioreactor	Zhang, Yuhan (China)
P447	7208529	Enhanced Ectoine Production From Methane In A Taylor Flow Bioreactor	Herrero Lobo, Raquel (Spain)
P448	7231325	Pathogen Regrowth Risks Associated With Sludge Pretreatment In Mesophilic Anaerobic Digestion	Duan, Haoran (Hong Kong, China)
P449	7231227	Assessing Economic Multipliers And Sectoral Linkages In Anaerobic Digestion Systems: An Input-Output Analysis	Sahota, Shivali (Ireland)

Friday 13/06
Final round