





CONFERENCE PROGRAM		
MONDAY 17 MARCH - DAY ONE		
8:00am	Registration and Trade Exhibition Open	
PLENARY		
SESSION 1: Opening Day One		
9:00am	Official Conference Open AWA Welcome – Peter Dennis, President, Australian Water Association ANZBP Welcome - Rob Tinholt, Chair, ANZBP	
9:15am	Honouring Country and Keynote Speaker Sarah Wilcox, Director - Cooeee Tunapri Title: TBC	
10:00am	FEATURE PRESENTATION: BIOSOLIDS MANAGEMENT IN EUROPE – REFLECTIONS FROM A CHURCHILL FELLOW Hillary Hall, Associate - RMCG	
10:30-11:00am Morning Tea		
Mezzanine		
11:00am	SESSION 2: Thermal Hydrolysis Processing (THP) <i>Ballroom 2</i>	SESSION 3: Strategy <i>Ballroom 3</i>
		Sponsored by: 
11:00am	LOOKING FOR THE OPTIMUM DIGESTION RETENTION TIME WITH THERMAL HYDROLYSIS PRETREATMENT Bill Barber, Technical Director - Cambi, Inc	REGIONAL APPROACHES TO BIOSOLIDS MANAGEMENT Derek Robertson, Integrated City Planning Lead - Urban Utilities and Kelly Hopewell
11:20am	COMBINING THERMAL HYDROLYSIS WITH ADVANCED THERMAL CONVERSION PROCESSES FOR MICRO-CONTAMINANT DESTRUCTION Bill Barber, Technical Director - Cambi, Inc	BIOSOLIDS MANAGEMENT IN TASMANIA Michael Tempest, Senior Consultant – RMCG and Jeremy Verdouw, Senior Environmental Scientist - Biosolids Specialist - TasWater
11:40am	ACHIEVING NET ZERO - WAS ONLY THP WITH DIGESTERS IN SERIES AT LONG REACH STW, UK Ester Rus, Business Development Manager UK and Ireland - CAMBI	WHAT DO WE KNOW ABOUT THE ENVIRONMENT SUSTAINABILITY OF BIOSOLIDS PROCESSING SYSTEMS IN AUSTRALIA? Jingwen Luo, PhD candidate - UNSW
12:00pm	To be confirmed	INVESTIGATING SENSORY IMPACTS AND ODOUR CHALLENGES IN BIOSOLIDS MANAGEMENT FOR SUSTAINABLE BENEFICIAL REUSE Thais Nunes Guerrero, PhD candidate - UNSW
12:20-1:20pm – Lunch		
Mezzanine		

1:20pm	PLENARY SESSION 4: Panel	
1:20pm	<i>To be confirmed</i>	
2.20pm-3:00pm - Afternoon Tea		
Mezzanine		
3:00pm	SESSION 5: Digestion <i>Ballroom 2</i>	SESSION 6: Thermal Cases <i>Ballroom 3</i>
		Sponsored by: 
3:00pm	OZOFRACTIONATION OF WASTEWATER- IMPROVING DIGESTABILITY AND CONTAMINANT REMOVAL OF BIOSOLIDS <i>Sean Paul, Process Engineer - TasWater</i>	THERMAL DRYING - EXAMPLES OF BIOSOLIDS CIRCULARITY <i>Daniel Potente, Sales Manager - Municipal Technology - Hydroflux</i>
3:20pm	HOW TO HAVE A FUTURE DIGESTION SYSTEM TODAY <i>Dave Parry, Senior Fellow - Jacobs</i>	OPTIMISING OPERATION OF THE LOGANHOLME BIOSOLIDS GASIFICATION FACILITY <i>Jessica O'Hare, Senior Process Engineer and Brendan Patane, Process Engineer - Downer</i>
3:40pm	DIGESTATE DEGASSING – BENEFITS AND FINANCIAL VIABILITY AT BEENYUP WRRF <i>Gokul Bharambe, Technical Director - Resource Recovery - Jacobs</i>	TURNING UP THE HEAT - LESSONS LEARNED FROM EARLY NORTHERN HEMISPHERE PYROLYSIS ADOPTERS, AND THE POSSIBILITIES FOR AUSTRALIA <i>Annika de Hesse, Senior Process Engineer - GHD</i>
4:00pm	WAS ONLY ANAEROBIC DIGESTION – MORE RESILIENT THAN WE THOUGHT! <i>Cameron Staib, Market Leader - Stantec</i>	THE FATE OF PFAS IN PILOT PLANT SCALE PYROLYSIS OF VICTORIAN BIOSOLIDS TO PRODUCE BIOCHAR <i>Aravind Surapaneni, Principal Scientist – Biosolids - South East Water</i>
4:20pm	Close of Day 1	
5:30pm-8:30pm Dinner & Drinks – Hosted onsite		
Harbour View Room		

TUESDAY 18 MARCH – DAY TWO		
8:00am	Registration and Trade Exhibition Open	
PLENARY		
SESSION 6: Opening Day Two		
9:00am	Welcome to Day Two Welcome & Recap of Day One <i>Rob Tinholt, Chair, ANZBP</i>	
9:05am	Keynote Speaker: <i>Per Henrik Nielson, Project Director – VCS Denmark</i> Title: Balancing Risks and Rewards for Successful Innovation	
10:05am	FEATURE PRESENTATION: SUSTAINABLE BIOSOLIDS MANAGEMENT - WEIGHING UP THE OPTIONS <i>Jason Mingo, Manager Strategy and Sustainability - Water Services Association of Australia</i>	
10:35-11:00am Morning Tea		
Mezzanine		
11:00am	SESSION 7: Resource Recover/ Circular Economy <i>Ballroom 2</i>	SESSION 8: Resource Recover/ Circular Economy <i>Ballroom 3</i>
		Sponsored by: 

11:00am	GROWTH AND CHEMISTRY OF NZ NATIVE PLANTS GROWING IN LOW FERTILITY SOIL AMENDED WITH BIOSOLIDS <i>Emelia Livingstone, Student - University of Canterbury</i>	BIOSOLIDS I, R&D REVIEW AND ENHANCEMENT <i>Harrison Sellwood, Urban Intern - Urban Utilities</i>
11:20am	A RESOURCE RECOVERY PRIORITISATION TOOL FOR THE UK AND IRISH WATER INDUSTRY <i>Matthew Stewart, Associate Director – Bioresources - ATKINSREALIS</i>	THE BIOSOLIDS VALUE CHAIN - CREATING WILLING MARKETS FOR LONG TERM OUTCOMES - THE NEW ZEALAND CONTEXT <i>Chris French, Managing Director - Relier Project & Strategy Ltd</i>
11:40am	MAPPING MICROFIBRES: INVESTIGATING TEXTILE WASHING PROCESSES AND THEIR IMPACT ON BIOSOLID CONTAMINATION <i>Marina Corte Tedesco, PhD Candidate, UNSW</i>	BIOSOLIDS IN THE CIRCULAR PHOSPHORUS ECONOMY: EXPLORING LINKS BETWEEN BIOSOLID PROPERTIES AND PLANT PHOSPHORUS UTILISATION <i>Maja Arsic, Research Scientist - CSIRO</i>
12:00pm	RESPONSIBLE BIOSOLIDS <i>Ulrich Kornmueller, Senior Engineer - Beca and Reuben Bouman</i>	CONTROLLED PHOSPHATE REMOVAL OF DIGESTED SLUDGE <i>John Koumoukelis, CEO – Hydroflux</i>
12:20pm-1:10pm – Lunch		
Mezzanine		
1:10pm	SESSION 9: Contaminants <i>Ballroom 2</i>	SESSION 10: Thermal Processing and Biochar <i>Ballroom 3</i>
		Sponsored by: 
1:10pm	BIOSOLIDS FOR TOMORROW: ACHIEVING CLASS A STANDARDS AND PFAS MITIGATION UNDER EVOLVING REGULATORY FRAMEWORKS <i>Richard Mamone, Business Developer - Municipal Projects, ANZ – Veolia Water Technologies and Louis Ortenzio, Chief Engineer - Lutra</i>	MINERAL MATTER CHARACTERISTICS AND PHOSPHOR AVAILABILITY IN BIOSOLIDS PROCESSED UNDER DIFFERENT THERMOCHEMICAL TREATMENT OPTIONS <i>Alex Ilyushechkin, Senior Research Scientist - CSIRO</i>
1:30pm	MANAGING PRIORITY CONTAMINANTS <i>Sarah Leviston, Principal Risk Assessor - CDM Smith</i>	EVALUATING THE EFFECT OF BIOSOLIDS-DERIVED CHAR ADDITIVE ON MESOPHILIC ANAEROBIC DIGESTION OF SLUDGE <i>Shamima Eaysmine, Research Scholar - The University of Queensland</i>
1:50pm	SOURCE CONTROL IS THE ANSWER TO MANAGING FUTURE RISKS FROM EMERGING CONTAMINANTS <i>Louise Reeves, Lead Scientist - Queensland Water Directorate</i>	THE EVOLUTION OF BIOSOLIDS CARBONISATION IN AUSTRALIA <i>Cameron McDonald, Engineering Manager - John Holland</i>
2:10pm	HEAVY METAL DYNAMICS AND EVALUATION OF PHOSPHOROUS FERTILISER VALUES OF BIOSOLIDS BIOCHAR <i>Bernadette McCabe, Director, Centre for Agricultural Engineering - University of Southern Queensland</i>	AQUAGREEN HECLA TECHNOLOGY – REMOVAL OF PFAS AND OTHER ORGANIC MICROPOLLUTANTS BY INTEGRATED BIOSOLIDS DRYING AND PYROLYSIS <i>Christian Wieth, CMO - AquaGreen ApS</i>
2:30pm-2:50pm - Afternoon Tea		
Mezzanine		
2:50pm	PLENARY SESSION 11: Panel	
2:50pm	PANEL - Thermal Technology Speakers: <i>Chris Conway, Technical Director - Beca Hunter H2O</i> <i>Musaab Al-Saleem, Principal Process Engineer – Stantec</i> <i>Dr. Aravind Surapaneni, Principal Scientist – Biosolids - South East Water</i> <i>Ross Wilson, Principal Bioresources Process Specialist - AtkinsRéalis</i>	

4:05pm	Conference Closing Comments
4:10pm	Conference Concludes

Wed 19 MARCH – DAY THREE	
8:00am	Site Tours: Site Tour 1 - Blackmans Bay Wastewater Treatment Plant Site Tour 2 - Bryn Estyn Water Treatment Plant

Updated 07.02.25

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