

WELCOME

TO

Leading Edge
Conference
for Strategic
Asset Management

LESAM



PROGRAM OVERVIEW

Day 1 Wednesday, May 11

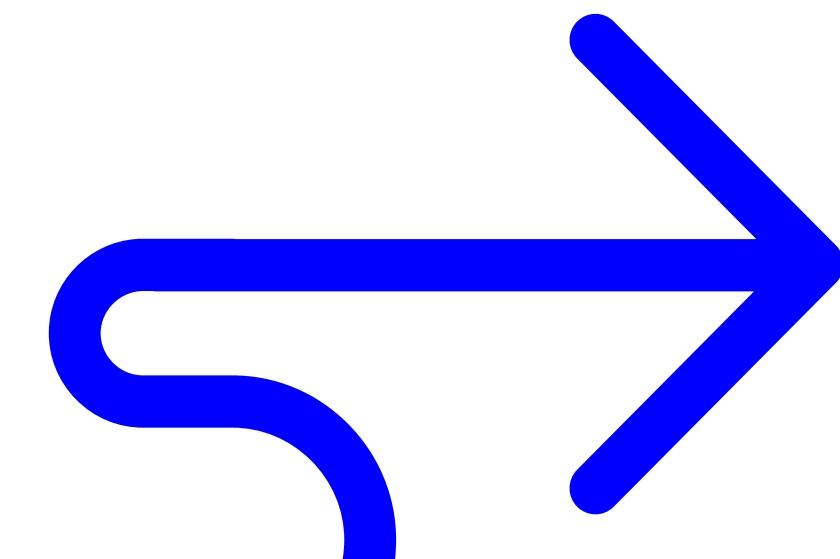
HOURS	DURATION	DESCRIPTION
08.00AM / 09.30AM	90 MIN	REGISTRATION AND WELCOME COFFEE
09.30AM / 10.30AM	60 MIN	OPENING SESSION
10.30AM / 11.00AM	30 MIN	KEYNOTE #01
11.00AM / 11.30AM	30 MIN	COFFEE BREAK
11.30AM / 12.30PM	60 MIN	ROUND TABLE #01
12.30PM / 02.00PM	90 MIN	LUNCH
02.00PM / 02.30PM	30 MIN	ELEVATOR PITCH FOR EXHIBITORS
02.30PM / 03.30PM	60 MIN	PARALLEL SESSIONS #01
03.30PM / 04.00PM	30 MIN	COFFEE BREAK
04.00PM / 05.00PM	60 MIN	PARALLEL SESSIONS #02
05.00PM / 06.00PM	60 MIN	SAM MC MEETING
07.30PM	–	SOCIAL EVENT

Day 2 Thursday, May 12

HOURS	DURATION	DESCRIPTION
09.00AM / 09.30AM	30 MIN	KEYNOTE #02
09.30AM / 10.30AM	60 MIN	ROUND TABLE #02
10.30AM / 11.00AM	30 MIN	COFFEE BREAK
11.00AM / 12.00PM	60 MIN	PARALLEL SESSIONS #03
12.00PM / 12.30PM	30 MIN	PLENARY SAM MEETING
12.30PM / 02.00PM	90 MIN	LUNCH
02.00PM / 03.30PM	90 MIN	THINK TANK
03.30PM / 04.00PM	30 MIN	COFFEE BREAK
04.00PM / 05.30PM	90 MIN	PARALLEL SESSIONS #04
07.30PM	–	CONFERENCE DINNER

Day 3 Friday, May 13

HOURS	DURATION	DESCRIPTION
09.00AM / 09.30AM	30 MIN	KEYNOTE #03
09.30AM / 10.30AM	60 MIN	ROUND TABLE #03
10.30AM / 11.00AM	30 MIN	COFFEE BREAK
11.00AM / 12.30PM	90 MIN	PARALLEL SESSIONS #05
12.30PM / 02.00PM	90 MIN	LUNCH
02.00PM / 03.30PM	90 MIN	PARALLEL SESSIONS #06
03.30PM / 04.00PM	30 MIN	WRAP-UP AND CLOSING SESSIONS

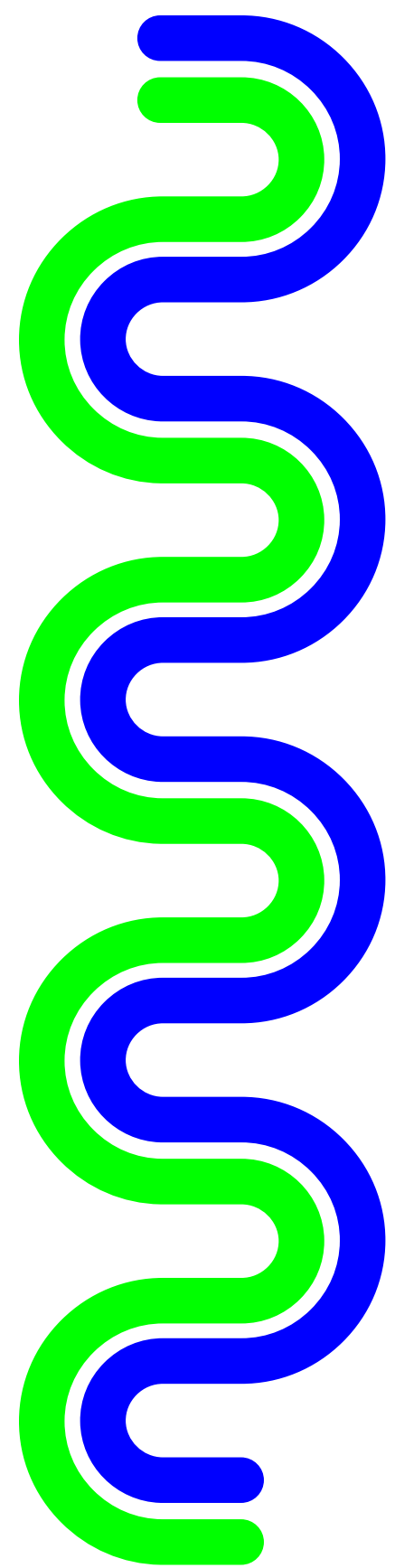


DETAILED
PROGRAM
DAY BY DAY



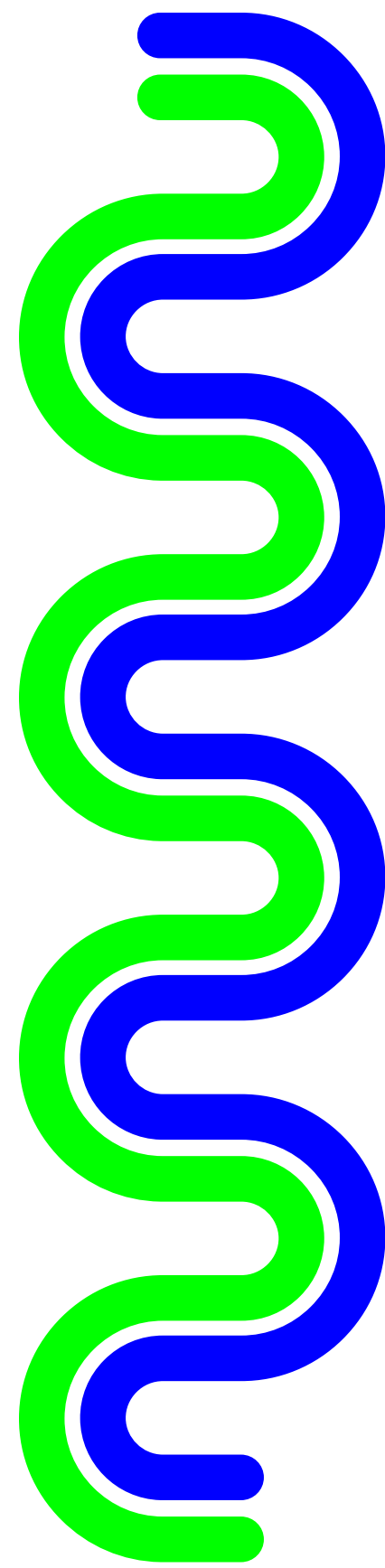
**Day 1
Wednesday,
May 11**

HOURS	DURATION	DESCRIPTION	TOPIC	SPEAKER	TITLE
08.00AM / 09.30AM	90 MIN	REGISTRATION AND WELCOME COFFEE	–	–	–
09.30AM / 10.30AM	60 MIN	OPENING SESSION	–	RITA SALGADO BRITO (LNEC), CHAIR OF IWA SAM-MC MOHAMED NAAIM (INRAE), HEAD OF INRAE AQUA DIVISION, NICOLAS GENDREAU (BORDEAUX MÉTROPOLE), DIRECTOR GENERAL OF RÉGIE DE L'EAU	–
10.30AM / 11.00AM	30 MIN	KEYNOTE #01	–	HELENA ALEGRE (LNEC)	WHAT THE FUTURE HOLDS FOR WATER INFRASTRUCTURE ASSET MANAGEMENT
11.00AM / 11.30AM	30 MIN	COFFEE BREAK	–	–	–
11.30AM / 12.30PM	60 MIN	ROUND TABLE #01	–	PARTICIPANTS : HELENA ALEGRE (LNEC), CELSO DE AZEVEDO (ASSETSMAN) FACILITATORS & PARTICIPANTS: RALPH BEUKEN (KWR) AND YVES LE GAT (INRAE ETTIS)	WHAT DOES THE FUTURE HOLD FOR WATER INFRASTRUCTURE ASSET MANAGEMENT?
12.30PM / 02.00PM	90 MIN	LUNCH	–	–	–
02.00PM / 02.30PM	30 MIN	ELEVATOR PITCH FOR EXHIBITORS / MODERATORS: DIDIER SINAPAH (VEOLIA) & ADRIAN UHLENBROCH (STEIN INFRASTRUCTURE MANAGEMENT)			
02.30PM / 03.30PM	60 MIN	PARALLEL SESSIONS #01	01 A – SPECIFICITIES OF URBAN WATER INFRASTRUCTURE IN AM / CHAIR: RALPH BEUKEN (KWR)	INES MEIRELES (UNIVERSITY OF AVEIRO) THOMAS FUGLEDALEN (SWECO) RITA MARIA UGARELLI (SINTEF AS) & CAMILLO BOSCO (SINTEF AS)	STATISTICAL DETECTION OF WATER MAIN FAILURES FROM FLOW MONITORING INFLUENCE OF INPUT DATA UNCERTAINTY ON SEWER DETERIORATION MODELS WATER CRITICAL INFRASTRUCTURE SECURITY AGAINST CYBER AND PHYSICAL THREATS
			01 B – MANAGEMENT OF THE ASSETS IN AM / CHAIR: HELENA ALEGRE (LNEC)	ANTONIN BRUSQUES (SUEZ) TUIJA LAAKSO (AALTO UNIVERSITY) EMMA ALTERTON (ANGLIAN WATER)	MODELLING OF SERVICE LINE FAILURES AND DECOMMISSIONING WITH TIMEDEPENDENT FACTORS THE USEFULNESS OF A TYPICAL CONDITION DATA SET FOR MODELLING SEWER CONDITION AND LIFE SPAN INTEGRATED MAINTENANCE MANAGEMENT
03.30PM / 04.00PM	30 MIN	COFFEE BREAK	–	–	–
04.00PM / 05.00PM	60 MIN	PARALLEL SESSIONS #02	02 A – AM COMMUNICATION ISSUES / CHAIR: KÉVIN CAILLAUD (INRAE ETTIS)	ELVIRA ESTRUCH-JUAN (ITA) MARC NEUMANN (BC3) RALPH BEUKEN (KWR)	STRATEGIC ASSET MANAGEMENT AND STAKEHOLDER'S COMMUNICATION. THE USE OF THE INFRASTRUCTURE VALUE INDEX (IVI), THE INFRASTRUCTURE DEGRADATION INDEX (IDI) AND INFRASTRUCTURE HISTOGRAM (HI) DETECTING VULNERABILITIES OF A WASTEWATER SYSTEM BY ELICITING KNOWLEDGE FROM A WIDE DIVERSITY OF LOCAL AGENTS A SERIOUS GAME FOR SUPPORTING COMMUNICATION IN ASSET MANAGEMENT
			02 B – URBAN DRAINAGE ASSET MANAGEMENT: INTEGRATING NATURE BASED SOLUTIONS IN AM PRACTICES / CHAIR: NICOLAS CARADOT (KWB)	JEROEN LANGEVELD (TU DELFT) THEA INGEBORG SKREDE (NTNU)	URBAN DRAINAGE ASSET MANAGEMENT – ALSO FOR BLUE-GREEN INFRASTRUCTURES! HOW TO MOVE FROM FLOODWAY MANAGEMENT TO FLOODWAY INTEGRATED STORMWATER MANAGEMENT
05.00PM / 06.00PM	60 MIN	SAM MC MEETING	ONLY FOR SAM MC MEMBERS	–	–
07.30PM	–	SOCIAL EVENT	–	–	–



**Day 2
Thursday,
May 12**

HOURS	DURATION	DESCRIPTION	TOPIC	SPEAKER	TITLE
09.00AM / 09.30AM	30 MIN	KEYNOTE #02	–	ROBERT STEIN (STEIN INFRASTRUCTURE MANAGEMENT) & NATHALIE HERNANDEZ (STEIN INFRASTRUCTURE MANAGEMENT)	INTRODUCING SEWER ASSET MANAGEMENT INTO POLICIES AND UTILITIES: LATIN-AMERICA CONTEXT AND EXPERIENCE FROM GERMANY
09.30AM / 10.30AM	60 MIN	ROUND TABLE #02	–	PARTICIPANTS : JOAQUIM BELEZA (DOUROECI), NATHALIE HERNANDEZ (STEIN INFRASTRUCTURE MANAGEMENT), OLIVER NACHEVSKI (GIZ GMBH), DIDIER SINAPAH (VEOLIA) & ROBERT STEIN (STEIN INFRASTRUCTURE MANAGEMENT) FACILITATOR: ADRIAN UHLENBROCH (STEIN INFRASTRUCTURE MANAGEMENT)	ASSET MANAGEMENT IN DEVELOPING COUNTRIES
10.30AM / 11.00AM	30 MIN	COFFEE BREAK	–	–	–
11.00AM / 12.00PM	60 MIN	PARALLEL SESSIONS #03	3A - URBAN DRAINAGE ASSET MANAGEMENT: INTEGRATING NATURE BASED SOLUTIONS IN AM PRACTICES / CHAIR: TAKAYUKI SAWAI (NJS CO., LTD.)	FRANZ TSCHAIKNER-GRATL (NTNU) MALTE ZAMZOW (KWB) FREDERIC CHERQUI (INSA LYON & UNIV. LYON 1)	URBAN DRAINAGE ASSET MANAGEMENT – NOW AND FUTURE IMPACT OF INSPECTION DATA QUALITY ON STRUCTURAL SUBSTANCE ASSESSMENT OF SEWERS REAL-TIME MONITORING OF WATER LEVEL AT LOW-COST FOR NATURE-BASED STORMWATER SOLUTIONS ASSET MANAGEMENT
			03 B – DIGITAL WATER AND AM / CHAIR: DIDIER SINAPAH (VEOLIA)	ANDRÉ MARQUES ARSÉNIO (AGS) ETIENNE PEQUIGNOT (ALTEREO) JOECHEN DEUERLEIN (3S CONSULT)	KNOWLEDGE MANAGEMENT AND PERFORMANCE IN WATER UTILITIES, A BALANCE BETWEEN HUMAN RESOURCES AND DIGITAL MATURITY – THE CASE OF AGS EFFECT OF WATER TEMPERATURE ON WATER MAIN FAILURES, THE SEDIF (SYNDICAT DES EAUX D'ILE DE FRANCE) CASE STUDY W-NET4.0 – A DIGITAL PLATFORM FOR MANAGEMENT OF SMALL AND MEDIUM SIZED WATER DISTRIBUTION SYSTEMS
12.00PM / 12.30PM	30 MIN	PLENARY SAM MEETING	–	–	–
12.30PM / 02.00PM	90 MIN	LUNCH	–	–	–
02.00PM / 03.30PM	90 MIN	THINK TANK ON «THE INFLUENCE OF THE EXTERNAL CONTEXT ON AM» / MODERATOR: RITA SALGADO BRITO (LNEC)			
03.30PM / 04.00PM	30 MIN	COFFEE BREAK	–	–	–
04.00PM / 05.30PM	90 MIN	PARALLEL SESSIONS #04	04 A – ECONOMIC, FINANCIAL AND ORGANISATIONAL ASPECTS OF AM / CHAIR: EDDY RENAUD (INRAE ETTIS)	CATY WEREY (INRAE GESTE) SHAMSUDDIN DAULAT (NTNU) BÉNÉDICTE RULLEAU (INRAE ETTIS) ROBERT STEIN (STEIN INFRASTRUCTURE MANAGEMENT)	MULTI-ACTORS AND MULTI-SCALES COSTS ANALYSIS OF MAINTENANCE OF GREEN STORM WATER INFRASTRUCTURES COST SAVING POTENTIAL IN INTEGRATED MULTI-INFRASTRUCTURE ASSET MANAGEMENT WATER SUPPLY PERFORMANCE AND ASSET MANAGEMENT STRATEGIES: A COST-BENEFIT ANALYSIS EFFICIENT SEWER ASSETS MANAGEMENT STRATEGIES TO AVOID FINANCIAL RISKS
			04 B – DIGITAL WATER AND AM / CHAIR: FRANZ TSCHAIKNER-GRATL (NTNU)	MEDHI AHMADI (SUEZ EAU FRANCE) FREDERIC CHERQUI (INSA LYON & UNIV. LYON 1) NICOLAS CARADOT (KWB) FLORIAN KRETSCHMER (BOKU)	SPOT2023 BURST REDUCTION: SUEZ PERFORMANCE AND OPERATIONAL OPTIMIZATION APPROACH FOR AN EFFECTIVE WATER DISTRIBUTION THE DATA-LOOP PROBLEM AND WHAT WE CAN DO ABOUT IT THE OPERATIONAL BENEFIT OF SEWER CONDITION FORECASTS IN BERLIN, GERMANY CHANCES AND BARRIERS OF BUILDING INFORMATION MODELLING IN SEWER ASSET MANAGEMENT
07.30PM	–	CONFERENCE DINNER	–	–	–



**Day 3
Friday,
May 13**

HOURS	DURATION	DESCRIPTION	TOPIC	SPEAKER	TITLE
09.00AM / 09.30AM	30 MIN	KEYNOTE #03	–	MONICA CARDARILLI (EUROPEAN COMMISSION'S JRC)	A WATER SECURITY PLAN FOR DRINKING WATER SYSTEMS: COUNTERING MALICIOUS THREATS FROM SOURCE TO TAP
09.30AM / 10.30AM	60 MIN	ROUND TABLE #03	–	PARTICIPANTS: MONICA CARDARILLI (EUROPEAN COMMISSION'S JRC), NICOLAS CARDAROT (KWB), JOCHEN DEUERLEIN (3S CONSULT), JON RØSTUM (VOLUE INFRASTRUCTURE) FACILITATORS & PARTICIPANTS: OLIVIER PILLER (INRAE ETTIS) AND RITA UGARELLI (SINTEF AS)	SECURITY AND SAFETY IN ASSET MANAGEMENT
10.30AM / 11.00AM	30 MIN	COFFEE BREAK	–	–	–
11.00AM / 12.30PM	90 MIN	PARALLEL SESSIONS #05	05 A – CONSIDERING INTERDEPENDENCIES BETWEEN WATER AND OTHER URBAN SERVICES / INFRASTRUCTURES IN AM / CHAIR: FRÉDÉRIC CHERQUI (INSA LYON & UNIV. LYON 1)	RITA SALGADO BRITO (LNEC) ADRIAN UHLENBROCH (STEIN INFRASTRUCTURE MANAGEMENT) EDDY RENAUD (INRAE ETTIS) PERRINE ZIEGLER & AGNÈS MARTINEZ (SERVICE DE L'EAU DE LA VILLE DE LAUSANNE)	MONITORING WATER QUALITY IN URBAN STREAMS USING SPECTROPHOTOMETRY BENEFIT OF LONG-TERM FORECASTS FOR CROSS-NETWORK COORDINATED REHABILITATION IMPACTS OF DEMOGRAPHY ON DRINKING WATER SUPPLY NETWORKS IN GIRONDE (FRANCE) ASSET MANAGEMENT FROM THE POINT OF VIEW OF THE OPERATOR: IMPLEMENTATION, PRACTICAL RESULTS AND DAY-TO-DAY USE
			05 B – MANAGEMENT OF THE ASSETS IN AM / CHAIR: ARBANA KOLA (SHUKALB)	MARIA DO CÉU ALMEIDA (LNEC) NICOLAS CARADOT (KWB) MARIUS MØLLER ROKSTAD (NTNU) NATHALIE HERNÁNDEZ (STEIN INFRASTRUCTURE MANAGEMENT) ANAS MOMANI (VEOLIA & SAMRA O&M CO.)	PERFORMANCE ASSESSMENT TO SUPPORT ASSET MANAGEMENT IN URBAN DRAINAGE SYSTEMS UNCERTAINTIES IN SEWER DETERIORATION AND REHABILITATION MODELLING PARDON MY TRENCH: REFLECTIONS ON THE UPTAKE OF TRENCHLESS TECHNOLOGIES IN THE NORWEGIAN WATER SECTOR BN-BASED METHODOLOGY FOR SELECTING FEATURE HIERARCHICALLY ASSET MANAGEMENT JOURNEY FOR SAMRA WASTEWATER TREATMENT PLANT
12.30PM / 02.00PM	90 MIN	LUNCH	–	–	–
02.00PM / 03.30PM	90 MIN	PARALLEL SESSIONS #06	06 A – MANAGEMENT SYSTEMS FOR AM / CHAIR: YVES LE GAT (INRAE ETTIS)	RIKARD LUNDBERG (KUNGSBACKA MUNICIPALITY) KEVIN NIRSIMLOO (ALTEREO) SOFIA GRAÇA (AGS) MARIE COLLET (INRAE ETTIS)	RISK-BASED PRIORITISING AND REHABILITATION OF WASTEWATER PIPES KAMPALA, UGANDA ASSET MANAGEMENT PROJECT: GROWING A FAILURE DATABASE WITH DATA COLLECTION APPS FOR MACHINE LEARNING AND FAILURE RISK PREDICTION DIGITALIZATION OF INTEGRATED ASSET MANAGEMENT APPROACHES AT WATER UTILITIES - A CASE STUDY WITH TWO UTILITIES UNDERSTANDING THE LEAKAGE PROCESS FOR MULTI-SCALE WATER INFRASTRUCTURE ASSET MANAGEMENT: NECESSITY FOR A DIALOGUE BETWEEN SOCIOLOGICAL AND DATA SCIENCES
			06 B – AM EXAMPLES IN SPECIFIC CONTEXTS / CHAIR: CATY WEREY (INRAE GESTE)	CELSO DE AZEVEDO (ASSETSMAN) MALTE ZAMZOW (KWB) PENNY MOSS (COPPERLEAF) ARBANA KOLA (SHUKALB) MOHAMMED ABUHAMDAR (SUEZ)	INNOVATIONS IN THE DECISION-MAKING PROCESS FOR END-OF-LIFE ASSETS: THE CASE OF WATER AND SEWERAGE SYSTEMS FORECASTING TOOL FOR STRATEGIC PLANNING AND MAINTENANCE OF DRINKING WATER WELLS ANGLIAN WATER CASE STUDY - INVESTMENT PLANNING FOR NET ZERO ASSET MANAGEMENT ADVISORY SERVICES TO WATER UTILITIES IN ALBANIA MANAGING STRATEGIC ASSETS IN DESERTIC CONDITIONS, A JORDANIAN EXPERIENCE
03.30PM / 04.00PM	30 MIN	WRAP-UP AND CLOSING SESSIONS	–	–	–