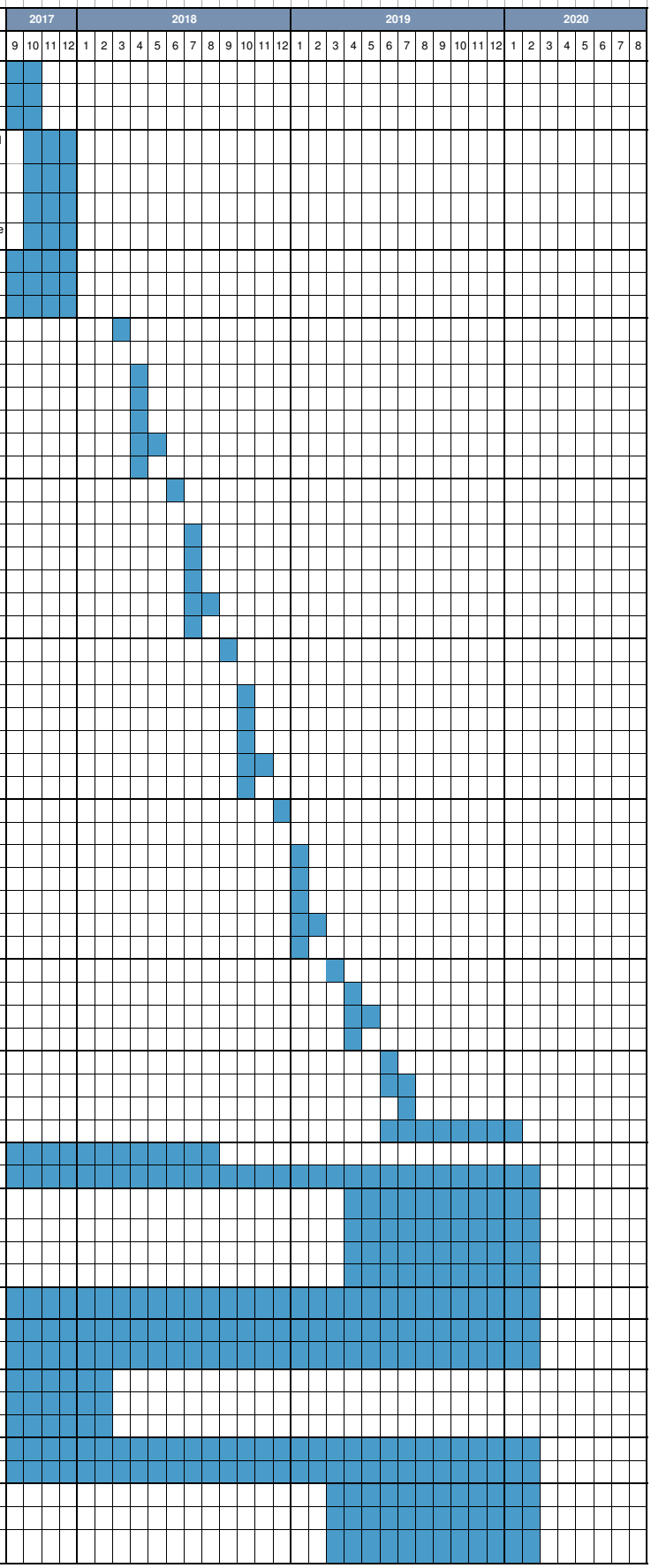
Project Acronym	**LIFE-BACTIWATER**
Project Title	**An environmental cost-effective activation treatment for biological failures in WWTP**
Call:	**LIFE16 ENV/ES/000390 BACTIWATER**

	Action	Leader		Task
A1	Spill database and historical analysis	AVSA	A1.1	Spill database and historical analysis
			A1.2	Selection and characterization of standards
			A1.3	Identification of parameters
B1	Demostration plant adaptation and commissionig	SEASA	B1.1	Inspection of the electromechanical components and inspection check of the hydraulic functioning
			B1.2	Modification of the demonstration plant control system and setting the initial operating routine
			B1.3	Demonstration plant commissioning and determining the preventive and corrective maintenance
			B1.4	Installation of the bioreactor for activating the bacteria cultures in Demo plant
B2	Manufacturing of microbial enhancers	Biopolis	B2.1	Selection and inocula
			B2.2	Obtaining of starters
			B2.3	Obtaining of ingredients
B3	Demo scale trials - Surfactants trial	SEASA	B3.1	Stabilization and waiting of the spill
			B3.2	Artificial contamination/management of spill
			B3.3	Analysis and characterization of spills
			B3.4	Monitoring of spill
			B3.5	Inoculation within system
			B3.6	Validation of inoculation within systems
			B3.7	Control runs
	Demo scale trials - Pesticides trial	SEASA	B3.1	Stabilization and waiting of the spill
			B3.2	Artificial contamination/management of spill
			B3.3	Analysis and characterization of spills
			B3.4	Monitoring of spill
			B3.5	Inoculation within system
			B3.6	Validation of inoculation within systems
			B3.7	Control runs
	Demo scale trials - Heavy metals trial	SEASA	B3.1	Stabilization and waiting of the spill
			B3.2	Artificial contamination/management of spill
			B3.3	Analysis and characterization of spills
			B3.4	Monitoring of spill
			B3.5	Inoculation within system
			B3.6	Validation of inoculation within systems
			B3.7	Control runs
	Demo scale trials - High organic load trial	SEASA	B3.1	Stabilization and waiting of the spill
			B3.2	Artificial contamination/management of spill
			B3.3	Analysis and characterization of spills
			B3.4	Monitoring of spill
			B3.5	Inoculation within system
			B3.6	Validation of inoculation within systems
			B3.7	Control runs
	Demo scale trials - Resilience trial	SEASA	B31	Stabilization and waiting of the spill
			B3.5	Inoculation within system
			B3.6	Validation of inoculation within systems
			B3.7	Control runs
B4	Implementation of early detection protocol	LifeSequencing	B4.1	Design of primers
			B4.2	Implementation of material solutions
			B4.3	Redaction of instructions leaflet
			B4.4	Test in the Demo plant
B5	Business plan	Biopolis	B5.1	Market and profitability analysis
			B5.2	Development of an IP plan
C1	Environmental and economical feasibility	AVSA	C1.1	Techno-economic assessment of the process and products
			C1.2	Environmental validation
			C1.3	Sustainability and social validation
			C.1.4	Good Manufacturing Practises set definition
C2	Monitoring and measuring LIFE Performance Indicators	AVSA		
D1	Dissemination planning and execution	SEASA	D1.1	Networking with other projects
			D1.2	Dissemination planning and Development of the Dissemination Pack
E1	Project Management Planning	AVSA	E1.1	Partnership Agreement preparation and signature
			E1.2	External Advisory Board constitution
			E1.3	Project management tools set-up
E2	Overall project management	SEASA	E2.1	Project management by AGUAS DE VALENCIA
			E2.2	External Advisory Board involvement
E3	After LIFE planning	BIOPOLIS	E3.1	Exploitation Plan
			E3.2	Continuation of the project
			E3.3	Implementation strategy in WWTP in EU and national level (transferability of the results)