

Annex C

## Construction Programme of the Project

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	% Complete	Variance - BL Project Finish Date	2015												2016												2017												2018												
											N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A	S	O	N
1	<b>Contract No. EP/SP/61/10 - v1.4, Progress updated on 17Jan18</b>																																																										
2	<b>Preliminary and Site Establishment</b>																																																										
3	ESum110	Preliminary and Site Establishment	217	20-Nov-14	15-Aug-15	0	20-Nov-14 A	19-Oct-16 A	100%	-349																																																	
4	<b>Design</b>																																																										
5	ESum120	Design Criteria and Design Preparation	80	20-Nov-14	27-Feb-15	0	20-Nov-14 A	01-Sep-15 A	100%	-151																																																	
6	ESum130	Detailed Design Submission (DDS) - General, Civil, ABWF and Landscape	289	19-Dec-14	23-Feb-16	0	18-Dec-14 A	27-Nov-17 A	100%	-437																																																	
7	ESum132	Detailed Design Submission (DDS) - Building 1	151	21-Apr-15	25-Nov-15	0	13-Apr-15 A	27-Jul-16 A	100%	-164																																																	
8	ESum134	Detailed Design Submission (DDS) - Building 2	158	12-Mar-15	30-Oct-15	0	12-Mar-15 A	07-Apr-16 A	100%	-106																																																	
9	ESum136	Detailed Design Submission (DDS) - Building 3	103	03-Jun-15	29-Oct-15	0	20-Jul-15 A	30-Mar-16 A	100%	-102																																																	
10	ESum138	Detailed Design Submission (DDS) - Auxiliary Buildings & Facilities	177	10-Feb-15	29-Oct-15	0	11-Feb-15 A	08-Aug-16 A	100%	-191																																																	
11	ESum140	Detailed Design Submission (DDS) - E&M and BS	216	18-Dec-14	04-Nov-15	24	18-Dec-14 A	22-Feb-18	98.84%	-570																																																	
12	<b>Procurement</b>																																																										
13	ESum150	Procurement, Manufacturing, F.A.T., Shipment & Delivery of E&M Systems Equipment	507	12-Feb-15	02-Jul-16	55	01-Mar-15 A	13-Mar-18	99.94%	-619																																																	
14	<b>Construction</b>																																																										
15	ESum160	Construction of Building #1 (Waste Receiving, Pre-treatment & Administration)	178	19-Aug-15	23-Mar-16	0	02-Sep-15 A	06-Sep-17 A	100%	-431																																																	
16	ESum170	Construction of Building #2 (Composting & Maturation, and Link Bridge)	262	23-May-15	11-Apr-16	0	16-Jun-15 A	24-Mar-17 A	100%	-285																																																	
17	ESum175	Construction of Building #3 (Energy Centre)	87	30-Oct-15	15-Feb-16	0	24-Mar-16 A	24-Oct-16 A	100%	-205																																																	
18	ESum180	Construction of Auxiliary Buildings & Facilities	263	13-May-15	31-Mar-16	0	04-May-15 A	02-Sep-17 A	100%	-424																																																	
19	ESum190	ABWF, Finishing and Fitting-out Works to Building #1, #2, #3 and Auxiliary Buildings & Facilities (excl. EEC)	259	23-Dec-15	08-Nov-16	12	21-Mar-16 A	31-Jan-18	96.29%	-365																																																	
20	ESum200	Sitewide, Boundary Wall and Roadworks	326	02-Sep-15	07-Oct-16	33	13-Nov-15 A	28-Feb-18	94.72%	-412																																																	
21	ESum210	Statutory and Utilities Works (excl. Lifting Platform)	148	04-Mar-16	06-Oct-16	73	02-Nov-16 A	20-Apr-18	99.21%	-453																																																	
22	ESum215	Green Roof and Landscaping	129	29-Jul-16	31-Dec-16	54	19-Jan-18	26-Mar-18	0%	-364																																																	
23	<b>E&amp;M and Building Services Installation</b>																																																										
24	ESum220	E&M Installation - Mechanical	164	04-Feb-16	25-Aug-16	43	11-May-16 A	12-Mar-18	98.45%	-457																																																	
25	ESum222	E&M Installation - Piping	144	24-May-16	12-Nov-16	0	28-Nov-16 A	30-Nov-17 A	100%	-311																																																	
26	ESum224	E&M Installation - Electrical, Instrumentation & Control	181	02-Apr-16	08-Nov-16	58	28-Sep-16 A	29-Mar-18	99.32%	-411																																																	
27	ESum226	Building Services Installation (excl. EEC)	125	18-Apr-16	14-Sep-16	77	24-Jun-16 A	25-Apr-18	85.74%	-474																																																	
28	ESum230	Energisation of Switchboards / MCC with SAT	1	28-Jul-16	28-Jul-16	0	02-Feb-17 A	26-May-17 A	100%	-244																																																	
29	<b>Testing &amp; Commissioning and Completion</b>																																																										
30	ESum240	Pre-Commissioning	144	29-Jul-16	19-Jan-17	146	24-Apr-17 A	12-Jun-18	31.5%	-509																																																	
31	ESum241	System Commissioning	0			129	20-Mar-18	26-Jul-18	0%																																																		
32	ESum250	Process Commissioning, Performance & Acceptance Testing	119	22-Oct-16	16-Mar-17	114	09-Apr-18	31-Jul-18	0%	-502																																																	
33	KD100360	Completion of the Design and the Works including Testing and Commissioning (Extended Completion Date: 10-Jun-2017 noon)	0		16-Mar-17	0		30-Aug-18	0%	-532																																																	
34	KD100380	Commencement of the Operation	0	17-Mar-17		0	31-Aug-18*		0%	-531																																																	