

Construction of ORCA

Building block 120 DUs																					
		2017				2018				2019				2020				2021			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
DU ORCA			2		2	4	4	4	8	10	10	10	10	10	10	10	10	10	6		
Cumulative			2	2	4	8	12	16	24	34	44	54	64	74	84	94	104	114	120		
Nodes needed	1								1		1		1			1					
DOM's			36		36	72	72	72	144	180	180	180	180	180	180	180	180	180	108		
DOM's/week			3.3	0.0	3.3	6.5	6.5	6.5	13.1	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	9.8		
DOM's/site/week (4 sites)			0.8	0.0	0.8	1.6	1.6	1.6	3.3	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5		
DU's/month			0.7	0.0	0.7	1.5	1.5	1.5	2.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.2		
DOMs on VEOC/month			0.7	0.0	0.7	1.5	1.5	1.5	2.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.2		
Base container/month			0.7	0.0	0.7	1.5	1.5	1.5	2.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.2		
Number of integration sites needed:		Minimum	Optimum		Potential sites																
DOM		4	4		Nantes, Strasbourg, Rabbat, Canada																
DOM's on VEOC:		2	2		Strasbourg?, Nantes? Genoa?																
DU (calib, LOM, anchor):		2	2		Marseille, ?																
Base container:		2	2		APC?, ?																

Inputs:

DOM's per week (2fte)	5
nb week/base container (1fte)	2
Nb week/DU's (3fte)	2
Nb week/DOM's on VEOC (2fte)	2
Working weeks in a year	44
Working weeks in a quarter	11
Working weeks in a month	2.75