



SOLAR DECATHLON EUROPE

0. GENERAL INFORMATION		NAME	CONTACT	OTHER RELEVANT INFORMATIONS
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	SITE OPERATIONS COORDINATOR	Noora Alinaghizadeh Khezri	alinaghi@stud.ntnu.no	

1. GENERAL DESCRIPTION OF THE SITE OPERATIONS		PHASE	BRIEF DESCRIPTION (include assembly system, crane, trucks, other machinery, etc.)	MATERIAL AND EQUIPMENT RESOURCES	HUMAN RESOURCES	DURATION
ASSEMBLY	1	Site setting and containers discharge	discharge from trucks	cranes needed	8 students and 2 professional	6 hours
	2	Foundation placement	Manual / no cranes needed		4 students and 2 professional	4 hours
	3	Prefab Floor slabs placement	Manual / no cranes needed		6 students and 2 professional	2 hours
	4	Prefab Functional cells placement	possibly cranes needed	cranes needed	8 students and 2 professional	4 hours
	5	Transversal partitions placement	Manual / no cranes needed		6 students and 2 professional	4 hours
	6	Airtightness and waterproof	Manual / no cranes needed		2 students and 2 professional	12 hours
	7	Connecting HVAC and appliances	manual	electricity needed	2 students and 2 professional	6 hours
	8	Roof structure construction	Manual / no cranes needed		4 students and 2 professional	6 hours
	9	PV assembly	Manual / no cranes needed	electricity needed	4 students and 2 professional	6 hours
	10	External deck construction	Manual / no cranes needed		6 students and 2 professional	12 hours
	11	Testing	manual	electricity needed	4 students and 2 professional	4 hours
DISASSEMBLY	i					
	1	External deck disassembly	Manual / no cranes needed		6 students and 2 professional	12 hours
	2	PV disassembly	Manual / no cranes needed		4 students and 1 professional	6 hours
	3	Roof structure disassembly	Manual / no cranes needed		6 students and 1 professional	4 hours
	4	Transversal partitions disassembly	Manual / no cranes needed		4 students and 1 professional	4 hours
	5	Prefab Functional cells disassembly	possibly cranes needed	possible cranes	6 students and 2 professional	4 hours
	6	Prefab Floor slabs disassembly	Manual / no cranes needed		4 students and 1 professional	2 hours
	7	Foundation disassembly	Manual / no cranes needed		8 students and 2 professionals	6 hours
	8	Organization inside containers	charging trucks	cranes needed	8 students and 2 professionals	6 hours
i						

2. VEHICLES (trucks, vans, ...)		TYPE	IF TRUCKS (special or regular)	TONNAGE (total)	DIMENSION
	1	8 trucks		megatrailers	max. 25t
i					

3. CRANE (if necessary)		TYPE	TONNAGE	MAXIMUM LOAD	LOAD TIP	USAGE TIME
	1					

4. MODULES AND MAIN COMPONENTS	ASSEMBLY	BRIEF DESCRIPTION	TONNAGE		UNLOADING DURATION	
		1				
		2				
		3				
		4				
		...				
	i					
	DISASSEMBLY	BRIEF DESCRIPTION	TONNAGE		LOADING DURATION	
		1				
		2				
		3				
		4				
		...				
	i					

5. WASTE MATERIALS		TYPE	VOLUM			
	1					
	2					
	3					
	4					
	...					
	i					

NOTE: For Deliverable #3, you may fill at least points: 0, 1 and 2.

