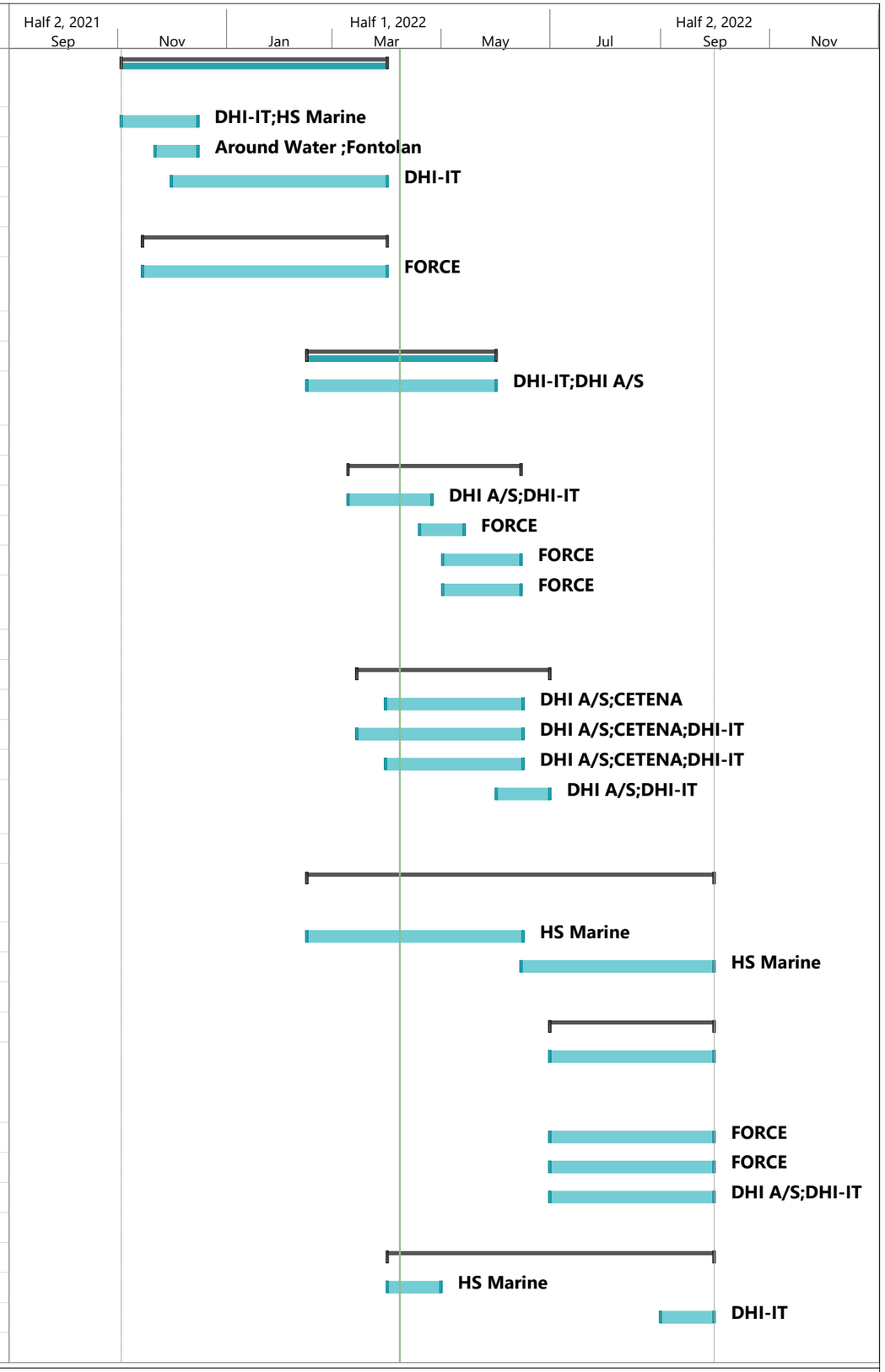ID	Phase	Task Name	Duration	Start	Finish
1		**1. Meteomarine and hydrogeological characterization of Venice Lagoon**	**107 days**	**Wed 03/11/21**	**Thu 31/03/22**
2	1 - HYD	1.1. Meteo-marine + rivers data collection and analysis	31 days	Wed 03/11/21	Wed 15/12/21
3	1 - HYD	1.2. Geotechnical data collection, analysis, regionalization	18 days	Mon 22/11/21	Wed 15/12/21
4	1 - HYD	1.3. Lagoon preliminary 2D hydrodynmic model	87 days	Wed 01/12/21	Thu 31/03/22
5					
6		**2. Preliminary assessment of the geometry of the Channel**	**99 days**	**Mon 15/11/21**	**Thu 31/03/22**
7	1 - NAV	2.1. Preliminary verification of the adequacy of the geometry of the Channel [including vessel selection with PA]	99 days	Mon 15/11/21	Thu 31/03/22
8					
9		**3. Development of a preliminary "hydrodynamic" model**	**76 days**	**Tue 15/02/22**	**Tue 31/05/22**
10	2 - HYD_B	3.1. Establishment of morphodynamic model of the Channel and surrounding areas (natural forcing): wave-current-sediment	76 days	Tue 15/02/22	Tue 31/05/22
11					
12		**4. Navigation models**	**69 days?**	**Thu 10/03/22**	**Tue 14/06/22**
13	2 - NAV_A	4.0. NCOS	33 days	Thu 10/03/22	Mon 25/04/22
14	2 - NAV_B	4.1. Fast-time simulations	19 days	Tue 19/04/22	Fri 13/05/22
15	2 - NAV_C	4.2. Real time simulations	32 days	Mon 02/05/22	Tue 14/06/22
16	2 - NAV_C	4.3. Calculation of probability of accident (impact of the keel on the bed) and asssociated risk	32 days	Mon 02/05/22	Tue 14/06/22
17					
18		**5. Development of "hydrodynamic" model**	**78 days**	**Tue 15/03/22**	**Thu 30/06/22**
19	2 - HYD_A	5.1. Modelling Kelvin wakes	55 days	Thu 31/03/22	Wed 15/06/22
20	2 - HYD_A	5.2. Modelling displacement pressure waves	67 days	Tue 15/03/22	Wed 15/06/22
21	2 - HYD_A	5.3. Modelling the effect of propellers	55 days	Thu 31/03/22	Wed 15/06/22
22	2 - HYD_A	5.4. Integration of all above hydrodynamic effects into a unique M3 model, including mud transport - morphodynamics	22 days	Wed 01/06/22	Thu 30/06/22
23					
24		**6. Development of a package of coordinated solutions (structural / operational)**	**164 days**	**Tue 15/02/22**	**Fri 30/09/22**
25	2 - SOL	6.1. Preliminary definition of solutions	87 days	Tue 15/02/22	Wed 15/06/22
26	2 - SOL	6.2. Definitive definition of solutions	78 days	Wed 15/06/22	Fri 30/09/22
27					
28		**7. Validation of proposed solutions**	**66 days**	**Fri 01/07/22**	**Fri 30/09/22**
29	3 - SOL-NAV	7.1. Identifying the influence of the transit of design vessels on the existing harbour facilities (navigation, mooring, container handling, comfort)	66 days	Fri 01/07/22	Fri 30/09/22
30	3 - SOL-NAV	7.2. replication of task 4 (fast time simulations)	66 days	Fri 01/07/22	Fri 30/09/22
31	3 - SOL-NAV	7.3. replication of task 4 (real time simulations)	66 days	Fri 01/07/22	Fri 30/09/22
32	3 - SOL-HYD	7.4. replication of task 5	66 days	Fri 01/07/22	Fri 30/09/22
33					
34		**8. Miscellaneous**	**131 days**	**Fri 01/04/22**	**Fri 30/09/22**
35		calibration measurements	22 days	Fri 01/04/22	Sat 30/04/22
36		Video making, support to dissemination	22 days	Thu 01/09/22	Fri 30/09/22
37