

KEPLER

Mid-Term Meeting

Programme V4

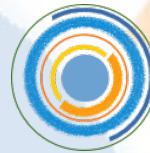


25th-28th November 2019

ICM Barcelona



Co-funded by the Horizon 2020 programme of the European Union



KEPLER Mid-Term Meeting
Barcelona, Spain.
25th-28th November 2019

Timetable

Monday 25th November:

11:00 – 13:00	Kepler Management Board meeting
13:00 – 14:00	Registration and lunch
14:00 – 14:20	Welcome and Year 1 debrief
14:20 – 15:00	KEPLER 2020 overview WP6 - call for events/ collaboration
15:00 – 15:15	WP7 overview
15:15 – 15:30	EU project Presentations
15:30 – 16:00	Break for tea and coffee
16:00 – 16:50	EU project Presentations & questions
16:50 – 17:50	Open session - optional meeting rooms available for work
16:50 – 17:50	Booked session - T3.4 Progress meeting
16:50 – 17:50	Booked session – ASSW planning

Tuesday 26th November:

08:45 – 09:00	Arrival tea & sign in
09:05 – 09:30	EU commission
09:30 – 10:30	PAB feedback session
10:30 – 11:00	Tea break
11:00 – 11:15	Copernicus update
11:15 – 12:30	WP1 overview and presentations
12:30 – 13:40	Photo & Lunch
13:40 – 14:30	WP2 overview and presentations
14:30 – 14:45	Quick break
14:45 – 15:45	WP1 & WP2 Break out discussions (parallel sessions)
15:45 – 16:10	Break for tea and coffee
16:10 – 16:40	WP6 dissemination & training & best practice guide update
16:40 – 17:00	WP6 questions
17:00 – 18:00	Open session - optional meeting rooms available for work
17:00 – 18:00	Booked session - T3.4 Progress meeting
17:00 – 18:00	Booked session – Arctic Frontiers planning
19:00	Dinner at La Fonda del Port Olímpic

Wednesday 27th November:

08:45 – 09:00	Arrival tea & sign in
09:05 – 10:10	WP3 overview and presentations
10:10 – 10:20	Quick break
10:20 – 11:10	WP4 overview and presentations
11:10 – 11:40	Break for tea and coffee
11:40 – 12:40	WP3 & WP4 Break out discussions (parallel sessions)
12:40 – 13:40	Lunch
13:40 – 14:15	WP5 overview and presentations
14:15 – 14:40	Break for tea and coffee
14:40 – 15:40	WP5: Plenary discussion
15:40 – 16:30	Recap/ conclusions from the Mid Term Meeting & questions
16:30	Close of Mid-Term meeting
16:30 – 17:30	Open session – optional meeting rooms available for work
16:30 – 17:30	Booked session - WP3 meeting
16:30 – 17:30	Booked session - T3.4 Progress meeting

Thursday 28th November:

10:00 – 15:00	Project Management meetings
09:00 – 15:00	Open session – optional meeting rooms available for work
15:00	Close

[Video conferencing](#)

Zoom Meeting – main conference room sessions Monday – Wednesday <https://ukri.zoom.us/j/786232595>

Programme

Room locations: Please see page 13 for ICM venue map

Monday 25th November - PM: Presentations & KMB meeting

				Room
KMB	11:00-13:00	KMB	Kepler Management Board meeting	P4*
	13:00		Registration & lunch	Main Hall
	14:00	CSIC & Nick Hughes	Welcome & overview of agenda	Sala d'actes
	14:10	Nick Hughes	KEPLER Year 1 debrief	Sala d'actes
WP6	14:20	Nick Hughes	KEPLER 2020 overview WP6 - call for events/ collaboration	Sala d'actes
WP7	15:00	Elaina Ford	WP7 Project coordination overview and interim reporting	Sala d'actes
	15:15	Stein Sandven	INTAROS project information	Sala d'actes
	15:30		Break for tea and coffee.	
	16:00	Nick Hughes	Extreme Earth project information	Sala d'actes
	16:15	Bente Jonassen/ Nick Hughes	ARCSAR project information	Sala d'actes
	16:30	Nick Hughes	Questions	Sala d'actes
Open session	16:50-17:50		Open session - Seminar Room available for working.	P31
Booked session	16:35-17:50	Task 3.4	T3.4 Progress meeting	P4
Booked session	16:35-17:50	Nick Hughes	ASSW planning meeting	Sala Julia

Tuesday 26th November - WP7, 1, 2 & 5 overview presentations and break out discussions

			Room	
Arrival & Tea	08:45 - 09:00		Sign in, tea and coffee	Main Hall
	09:00	Nick Hughes	Welcome	Sala d'actes
	09:05	Sally Taylor, Ola Nordbeck	European Commission	Sala d'actes
	09:30 - 10:30	PAB	PAB feedback. Questions for the PAB are to be compiled in advance from WP leaders. Template to be distributed.	Sala d'actes
Tea Break	10:30 – 11:00		Break for tea and coffee	Main Hall
	11:00	Nick Hughes	Copernicus update	Sala d'actes
WP1	11:15	Ole Jakob Hegelund	Work Package 1 Stakeholder Needs and Network Coordination. Overview of work completed and upcoming milestones/deliverables.	Sala d'actes
	11:30	Ole Jakob Hegelund	T1.1: Maritime and Research Sector Needs	Sala d'actes
	11:40	Kaisu Mustonen	T1.2 Community-based Observing and Societal	Sala d'actes
	11:50	Helge Goessling	T1.3 Climate and Weather Forecasting Needs	Sala d'actes
	12:00	Nick Hughes	T1.4: Overall assessment of stakeholder needs	Sala d'actes
	12:10	Ole Jakob Hegelund	WP1 Questions	Sala d'actes
Photo	12:30		Group Photo	Front of CSIC
Lunch	12:40 – 13:40		Break for lunch	Main Hall
WP2	13:40	Gilles Garric	Work Package 2- Polar Regions provision in Copernicus Services. Overview of work completed and upcoming milestones/deliverables.	Sala d'actes
	13:55	Marko Scholze	T2.1 Copernicus Land Monitoring Service (CLMS)	Sala d'actes
	14:05	Corinne Derval	T2.2 Copernicus Marine Environment Monitoring Service (CMEMS).	Sala d'actes
	14:15	Gilles Garric	WP2 questions	Sala d'actes
Break	14:30 – 14:45		Quick Break	Main Hall
WP1	14:45	Ole Jakob Hegelund	WP1: Break out discussion	Aula Pepita Castellvi
WP2	14:45	Gilles Garric	WP2: Break out discussion	P-41/43
Tea Break	15:45 – 16:10		Break for tea and coffee.	Main Hall
WP6	16:10	Nick Hughes	WP6 Dissemination, training and engagement update and plans for 2020	Sala d'actes

	16:15	Fabrice Messal	WP6 Training	Sala d'actes
	16:30	Jeremy Wilkinson	WP6 Best practice guide overview/ update	Sala d'actes
	16:40	Nick Hughes	WP6 Questions	Sala d'actes
Open session	17:00-18:00		Open session -Meeting room available for working	P4
Booked session Thomas Kaminski	17:00-18:00	Task 3.4	T3.4 Progress meeting	P-41/43
Booked session Nick Hughes	17:00-18:00	Arctic Frontiers	Arctic Frontiers planning meeting	Aula Pepita Castellvi
Dinner	19:00		Project dinner at La Fonda del Port Olímpic	

Wednesday 27th November - WP7, 1, 2 & 5 overview presentations and break out discussions

				Room
Arrival & Tea	08:45-09:00		Sign in, tea and coffee.	Main Hall
	09:00	Nick Hughes	Welcome	
WP3	09:05	Carolina Gabarró	Work Package 3 - Identification of research and capacity gaps. Overview of work completed and upcoming milestones/deliverables.	Sala d'actes
	09:15	Jeremy Wilkinson	T3.1 In situ observing systems.	Sala d'actes
	09:25	Nick Hughes	T3.2 New and novel in-situ and airborne observation sensors and techniques.	Sala d'actes
	09:35	Carolina Gabarro	T3.3 Space-based capability.	Sala d'actes
	09:45	Thomas Kaminski	T3.4 Integration and assimilation through Quantitative Network Design (QND).	Sala d'actes
	09:55	Carolina Gabarró	WP3 Questions	Sala d'actes
Break	10:10 – 10:20		Quick Break	Main Hall
WP4	10:20	Steffen Tietsche	Work Package 4 - Improved sea-ice mapping and forecasting. Overview of work completed and upcoming milestones/deliverables.	Sala d'actes
	10:30	Antti Kangas	T4.1 Sea-ice mapping for maritime purposes.	Sala d'actes
	10:40	Steffen Tietsche	T4.2 Monitoring sea-ice as an essential climate variable (ECV).	Sala d'actes
	10:50	Steffen Tietsche	T4.3 Assess the scope for sea-ice forecast products.	Sala d'actes
	11:00	Steffen Tietsche	WP4 Questions and discussion	Sala d'actes
Tea	11:10 – 11:40		Break for tea and coffee	Main Hall
WP3	11:40	Carolina Gabarró	WP3: Break out discussion	Aula Pepita Castellvi
WP4	11:40	Steffen Tietsche	WP4: Break out discussion	P-41/43 **
Lunch	12:40 – 13:40		Break for lunch	Main Hall
WP5	13:40	Frank Kauker	Work Package 5 - End-to-end operational system Overview of work completed and upcoming milestones/deliverables.	Sala d'actes
	13:55	Laurent Bertino	T5.1 Synthesis on the visions of the evolution of the Copernicus services.	Sala d'actes

	14:05	Frank Kauker	T5.2 End-to-end operational system roadmap.	Sala d'actes
Tea	14:15 – 14:40		Break for tea and coffee	Main Hall
	14:40	Frank Kauker	WP5: Plenary discussion (all to participate)	Sala d'actes
	15:40	Nick Hughes	Recap/conclusions from the Mid Term Meeting	Sala d'actes
	16:10-16:30	Nick Hughes	Questions & close	Sala d'actes
Open sessions	16:30-17:30		Open session – 2 meeting rooms are available for working	P-41/43 & Aula Pepita Castellvi
Booked session Thomas Kaminski	16:30-17:30		T3.4 Progress meeting	P4
Booked session Carolina Gabarro	16:30-17:30		WP3 Progress meeting	Sala Julia
	17:30		Close of Day	

Thursday 28th November - *Conclusions, PAB&KMB meeting*

				Room
Booked session Project Management	10:00-15:00	Nick Hughes, Elaina Ford, Ole-Jakob, Emma Armitage, Marcin Pierechod.	Kepler Management meeting	Aula Pepita Castellvi
Open session	09:00-15:00		Open session - optional meeting rooms available for work.	P4, P-41/43 & Sala Julia

List of Attendees

External invited attendees confirmed:

Delegate Name	Affiliation	
Sally Taylor	European Commission	(VC)
Ola Nordbeck	European Commission	(VC)

KEPLER partners:

Delegate Name	Affiliation	
Emma Armitage	British Antarctic Survey	
Katharina Beckmann	INTERACT/Lund University	
Laurent Bertino	NERSC	
Astrid Bracher	AWI	(VC)
Corinne Derval	Mercator-Océan	
Thomas Diehl	Joint Research Centre - EC	
Elaina Ford	British Antarctic Survey	(VC)
Carolina Gabarro	ICM/CSIC	
Gilles Garric	Mercator Ocean International	
Helge Goessling	Alfred Wegener Institute	(VC)
Verónica González-Gambau	ICM-CSIC	
Isabella Grönfeldt	SMHI	
Richard Hall	Equinor	(VC)
Ole Jakob Hegelund	Norwegian Meteorological Institute	
Nick Hughes	Norwegian Meteorological Institute	
Shridhar Jawak	Svalbard Integrated Arctic Earth Observing System (SIOS)	
Bente Jonassen	JRCC North Norway	
Thomas Kaminski	The Inversion Lab	
Antti Kangas	FMI	
Frank Kauker	OASys	
Thomas Lavergne	Norwegian Meteorological Institute	(VC)

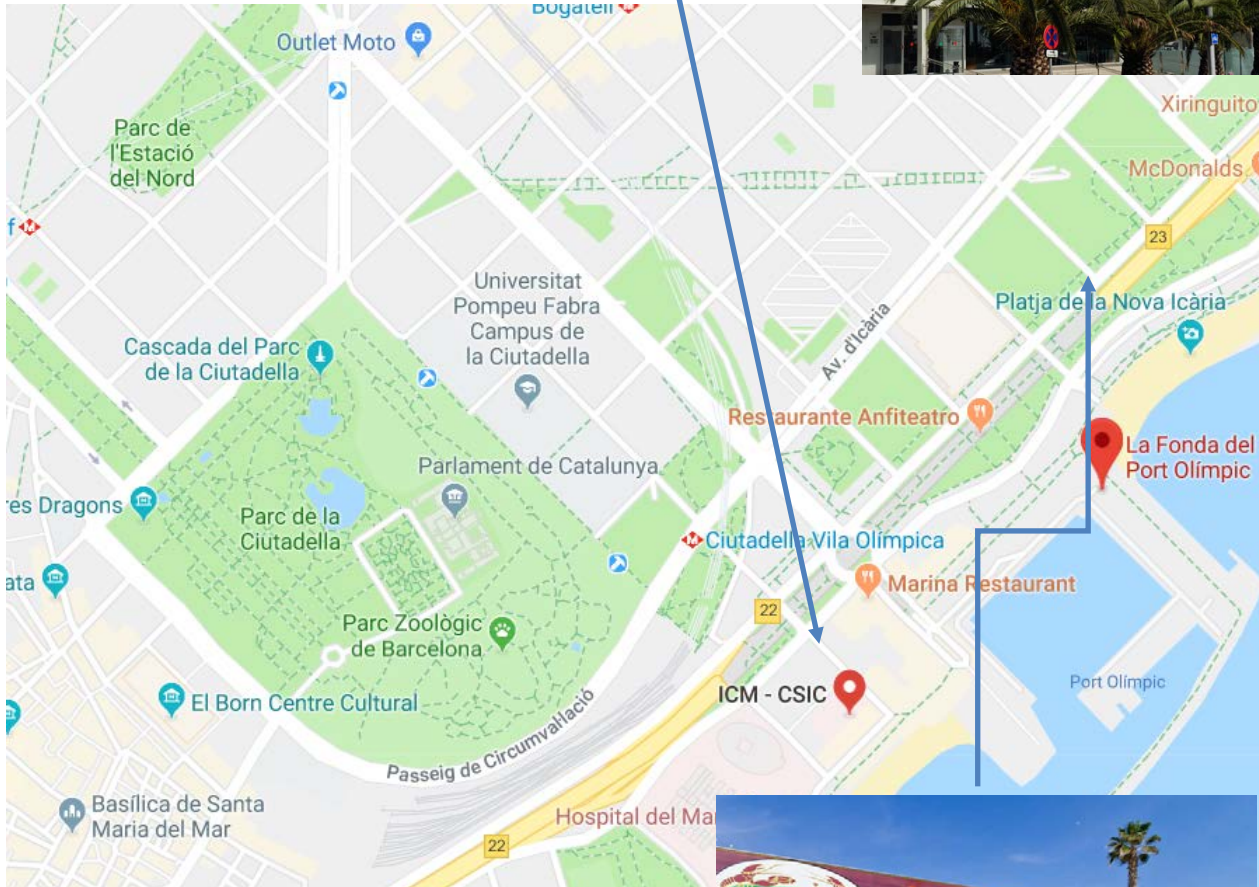
Svetlana Losa	AWI	
Eirik Malnes	Norce Research	
Fabrice MESSAL	Mercator Ocean International	
Tero Mustonen	SNOWCHANGE	(VC)
Kaisu Mustonen	SNOWCHANGE	(VC)
Malte Müller	Norwegian Meteorological Institute	
Leif Toudal Pedersen	Eolab	
Marcin Pierechod	Norwegian Meteorological Institute`	
Keld Qvistgaard	DMI Ice Service	
Stein Sandven	NERSC	
Marko Scholze	Lund University	
Jaakko Seppänen	FMI	
Steffen Tietsche	ECMWF	
Janne Valkoen	DNV GL	
Michael Vossbeck	The Inversion Lab	
Jeremy Wilkinson	British Antarctic Survey	

(VC) - Attendees joining the meeting via video conference

Venues

Meeting – ICM Barcelona

The meeting will be held at ICM-CSIC,
Passeig Marítim de la Barceloneta, 37-49 , 08003 Barcelona



Dinner – La Fonda del Port Olímpic

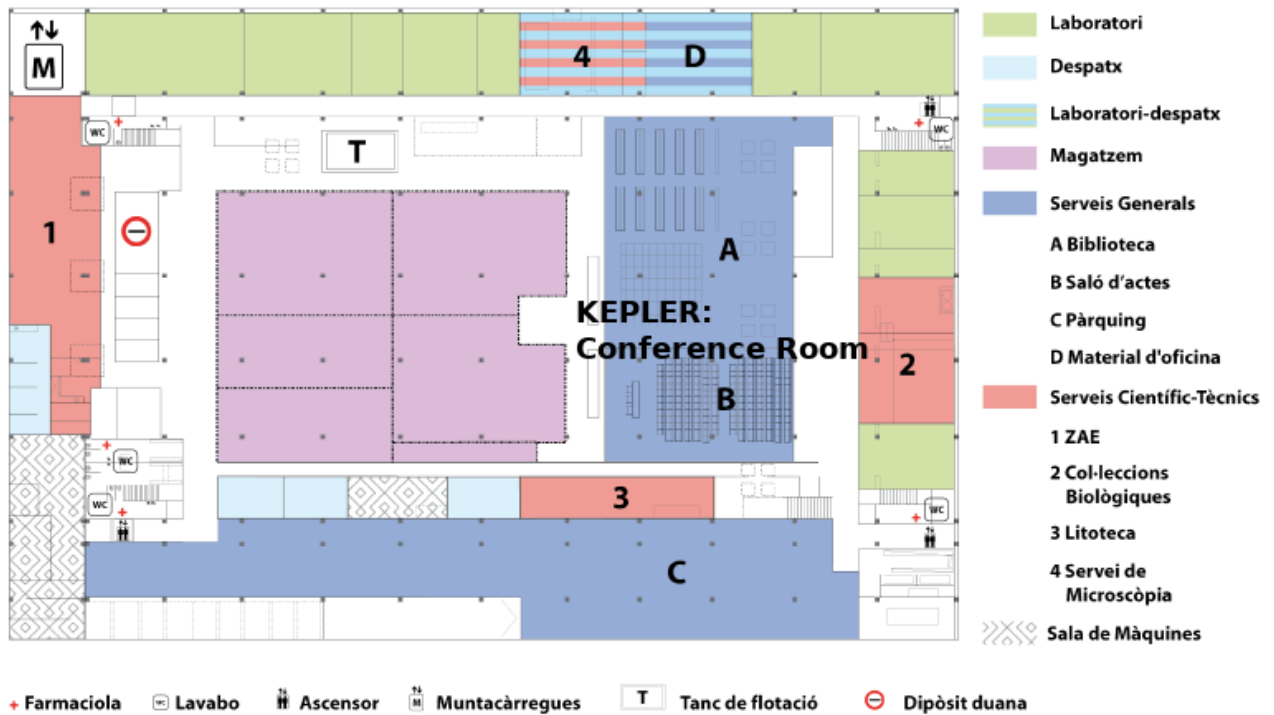
Dinner on Tuesday 26th at 19:00 at La Fonda-
Moll de Gregal, 7, 8, 9, 08005 Barcelona, Spain



ICM maps

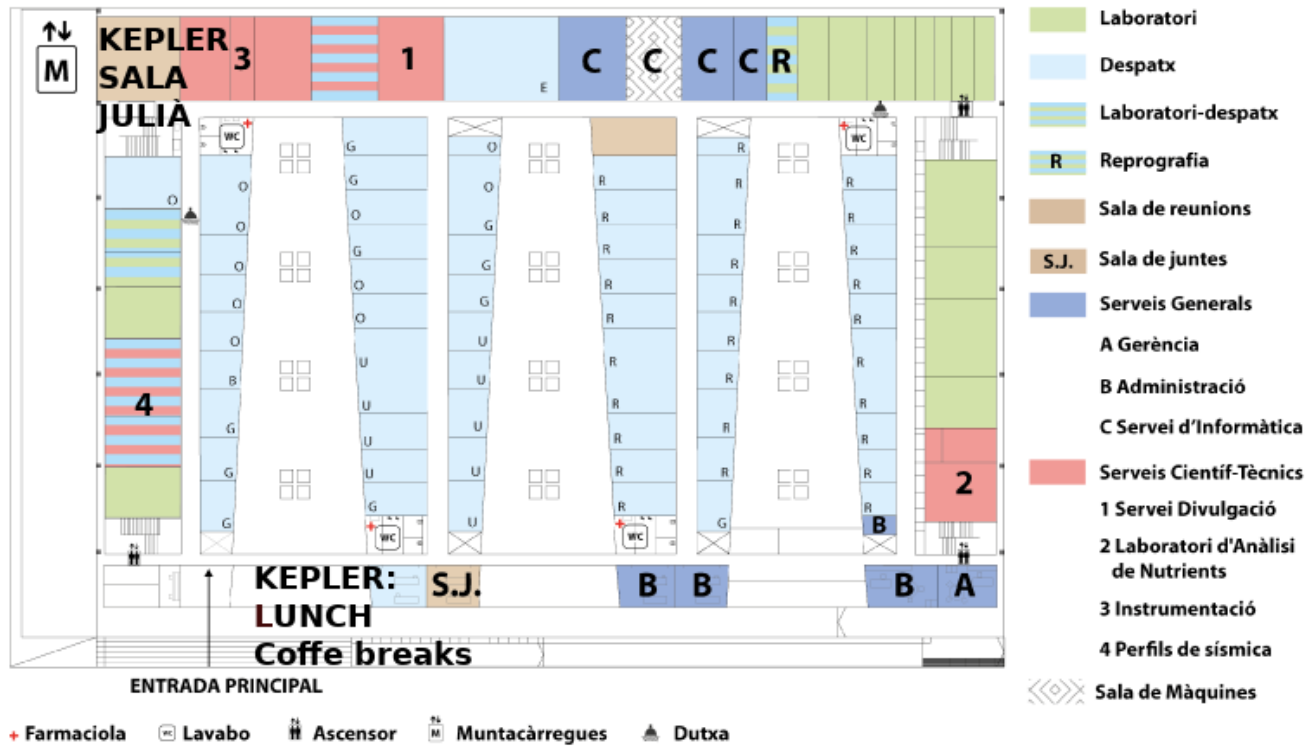
Basement

SOTERRANI



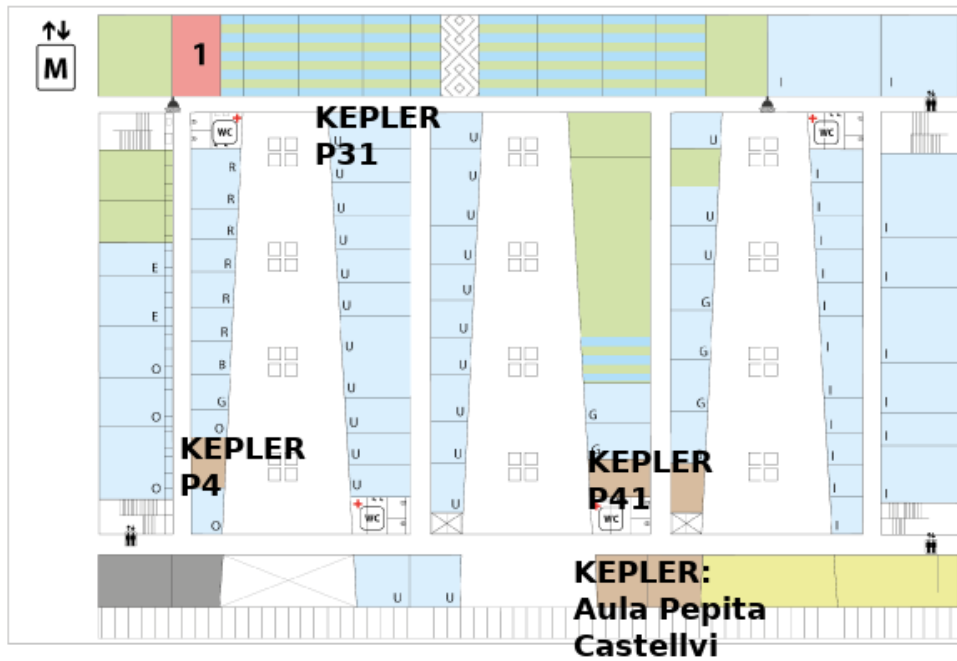
Ground Floor

PLANTA 1



First Floor

PLANTA 2



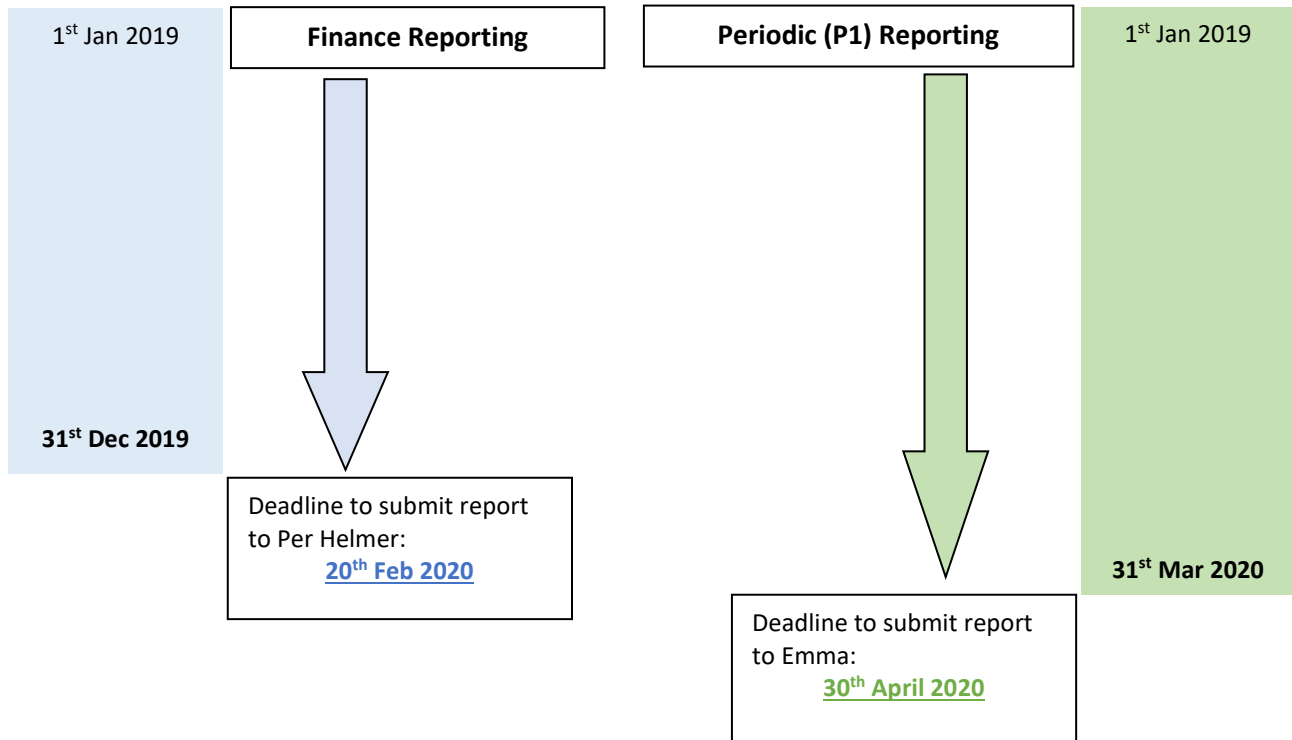
- Laboratoris
- Despatx
- Laboratori-despatx
- Direcció
- Sala de reunions
- Cafeteria
- Serveis Científic-Tècnics
- 1 Coastal Ocean Observatory
- Sala de Màquines

- + Farmaciola
- Lavabo
- Ascensor
- Muntacàrregues
- Dutxa

B-Biologia Marina i Oceanografia G-Geologia Marina O-Oceanografia Física R-Recursos Renovables E-Estudiants i becaris U-UTM I-IBE

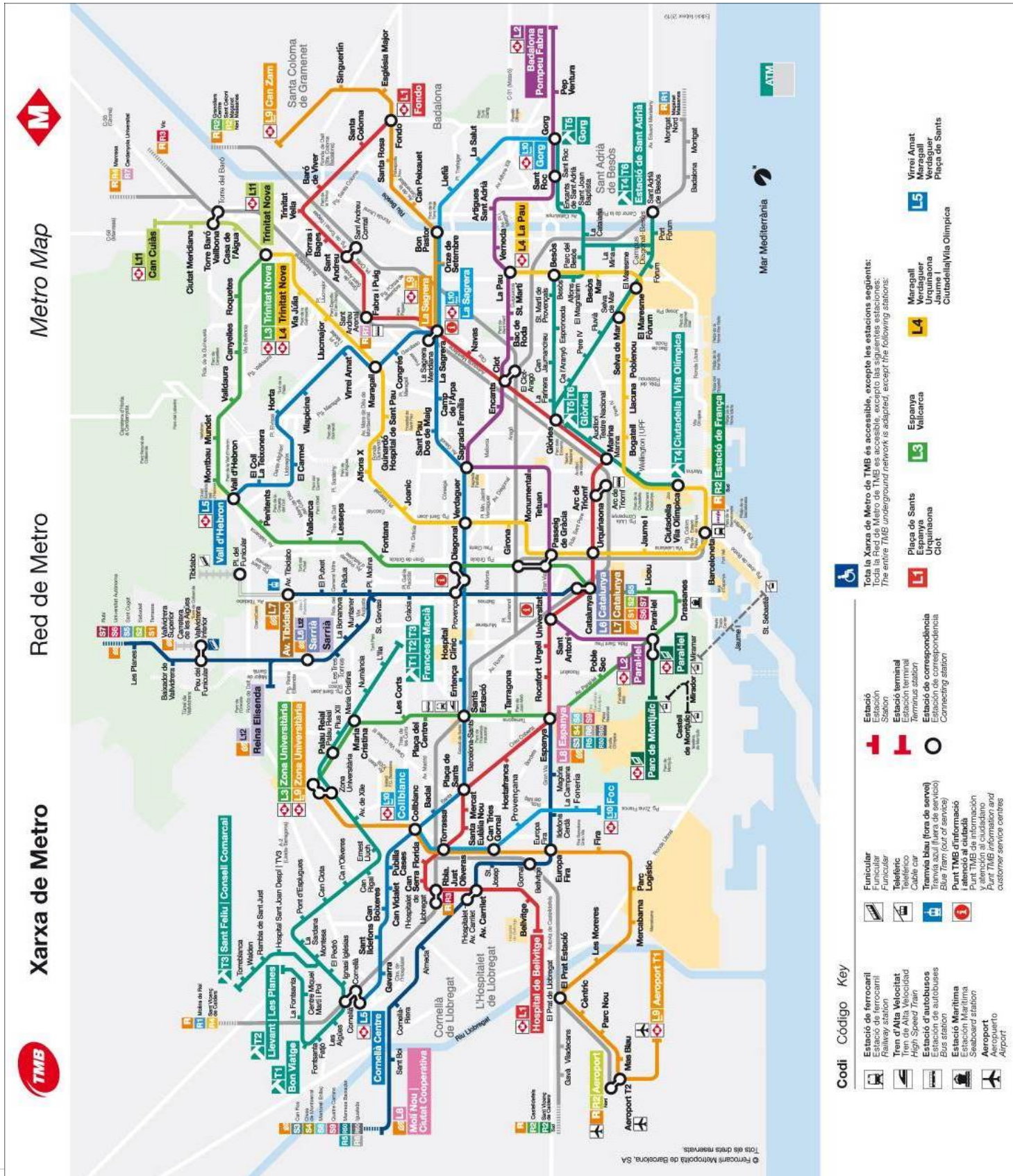
Reporting Periods

Reporting periods and deadlines for submitting report for both Finance and RP1 are shown below.



Travel information

Barcelona travel network: <https://www.tmb.cat/en/barcelona-transport>



www.kepler-polar.eu

Directions

The Institute of Marine Sciences is located in Barcelona's Villa Olimpica District between the Hospital del Mar and the Olympic Towers. To reach ICM, you can use:

- **Bus:** The end of the lines 59, 45, 92, 71 and V21 are a few meters from the ICM.
- **Metro:** The L4 line (yellow line) has a station (Ciudadella-Vila Olímpica) 300 metres from ICM.

See back page for map.

- Single €2 (not valid from airport)
- T10 for 10 journeys (can be shared) – cost depends on zone.
- Hola BCN 2-5 days unlimited use (eg 3 days €21.20, 4 days €27.50) – includes airport

If you come from outside Barcelona arriving by:

- **Plane:** – get the RENFE train as below, or bus. The train goes from T2B. There is a free shuttle bus from Terminal 1. Metro or train to city centre
- **Train (RENFE):** C2 RENFE train to city centre from airport.
Tickets €4.50 (excludes metro), or get a T10 ticket for 10 journeys, or Hola BCN card.
Get off at Passeig de Gràcia (2nd stop from the airport) – journey 26 mins.
Then take the underground L4 line (yellow line) to Ciudadella-Vila **Olímpica** station.
- **Train (Ferrocarrils de la Generalitat Catalana FGCC):** Get **off** at Plaça Catalunya station, and take the 59 bus or the underground.

Restaurants

- - Monchos - <https://monchos.com/es/restaurante/marina-bay-10.html>
 - La Fonda - <https://lafondadelport.com>
 - Salamanca <https://restaurantesalamanca.es/>
 - Can ramonet <https://canramonet.es/>
 - Ca la Nuri <https://platja.calanuri.com>
- - Els 4Gats <https://4gats.com/en/>

Accommodation

Hotels in walking distance of ICM

Hotel H10	Barcelona Av. Bogatell 64-68 Sant Martí	https://www.h10hotels.com/en/barcelona-hotels/h10-marina-barcelona	**** Walking distance
Hotel Icaria	Av. Icària, 195 Sant Martí	https://www.hotelicariabarcelona.com/	**** Walking distance
Hotel 54 Barceloneta	P. Joan de Borb 54 Ciutat Vella	http://www.hotel54barceloneta.es/	*** Walking distance
Hotel Park Hotel	Av. Marquès de l'Argentera 11 Ciutat Vella	https://parkhotelbarcelona.com/es/	*** Walking distance
Hotel del Mar	Pla de Palau, 19 Ciutat Vella	http://www.hoteldelmarbarcelona.com/	*** Walking distance
Hotel Santa Marta	C/ General Castaños, 14 Ciutat Vella	http://www.hotelsantamartabcn.com/EN/hotel.html	** Walking distance
Hotel Marina Folch	C/ Mar, 16 Ciutat Vella	https://marina-folch.hotelbcn-barcelona.com/en/	* Walking distance
Hotel Oasis II	Pla de Palau 17	http://www.oasishotel-barcelona.com/index.htm	* Walking distance
Hotel Lyon	C/ General Castaños, 6, Ciutat Vella	http://www.hotellyonbarcelona.com/EN/hotel.html	* Walking distance

4 star Hotels reachable by metro or bus in 15-20mins of ICM

Gran Hotel Barcino, C/ Jaume I, 6 Ciutat Vella L4 Jaume I <http://www.hotelbarcino.com/> ****

Hotel Duquesa de Cardona, Pg Colom, 0012 Ciutat Vella <https://www.hduquesadecardona.com/> ****

Hotel Gótico, C/ Jaume I, 14 Ciutat Vella <http://www.hotelgotico.com/> ****

3 star Hotels reachable by metro or bus in 15-20mins of ICM

Hotel Duc de la Victòria, C/ Duc de la Victòria, 15 Ciutat Vella Hotel H10 Racó del Pi, C/ Pi, 7 Ciutat Vella ***

Hotel Montblanc C/ Via Laietana, 61 Ciutat Vella ***

Hotel Montecarlo, C/ la Rambla, 124 Ciutat Vella ***

Hotel Regencia Colón, C/ Sagristans, 13 Ciutat Vella ***

Hotel Rialto, C/ Ferran, 40-42 Ciutat Vella ***

2 star Hotels reachable by metro or bus in 15-20mins of ICM

Hotel Cuatro Naciones C/ la Rambla, 40 Ciutat Vella **

Hotel Fornos, C/ la Rambla, 44 Ciutat Vella **

Hotel California, C/ Rauric, 14 Ciutat Vella **

Adagio Hotel, C/ Ferran, 21 Ciutat Vella **