Jornada EIT-UM Call for BP2022

UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH

Campus d'Excel·lència Internacional

eit Urban Mobility

EIT Urban Mobility is supported by the EIT,
a body of the European Union

Notes de la jornada

La sessió serà **enregistrada** per després poder-la posar en la web del Servei de Suport a la Recerca i la Innovació (SSRI).

Si algú **no vol ser enregistrat**, preguem **apagui** la càmera.

Preguem tingueu tots el **micròfon apagat**

En el torn de preguntes, un cop acabades les tres ponències, caldrà posar la **pregunta en el xat** i , si la persona ho considera oportú, complementar la pregunta amb el micròfon activat.

1. Benvinguda i participació de la UPC en els EIT i en el EIT-UM, a càrrec del **Sr. Juan Jesús Pérez, Vicerector de Relacions Internacionals**

2. Què és el EIT-UM i en què consisteix la Call for BP2022, a càrrec del **Sr. Daniel Serra, Director del Innovation Hub South del EIT-UM**

3. Recolzament de la UPC en la presentació de propostes, a càrrec de la **Sra. Elisa Sayrol, delegada del rector en el EIT-UM**

4. Torn obert de preguntes

1. Benvinguda i participació de la UPC en els EIT i en el EIT-UM

a càrrec del Sr. Juan Jesús Pérez, Vicerector de Relacions Internacionals

HORIZON EUROPE

EURATOM

SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND

Exclusive focus on defence research & development

Research actions

Development actions

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*

Exclusive focus on civil applications

Pillar I
EXCELLENT SCIENCE

European Research Council

Marie Skłodowska-Curie

Research Infrastructures

Pillar II
GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters
- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre

Pillar III
INNOVATIVE EUROPE

European Innovation Council

European innovation ecosystems

European Institute of Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system
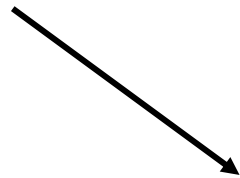
Fusion

Fission

Joint Research Center

* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

Politica Internacional i Horizon Europe

1990

2019

Participation in the eit

Core partners

Assoc. partners

EIT Climate-KIC
Working to accelerate the transition to a zero-carbon economy

EIT Digital
Driving Europe's digital transformation

EIT Food
Leading a global revolution in food innovation and production

EIT RawMaterials
Developing raw materials into a major strength for Europe

EIT InnoEnergy
Achieving a sustainable energy future for Europe

EIT Health
Giving EU citizens greater opportunities to enjoy a healthy life

The EIT is growing!

EIT Manufacturing
Leading manufacturing innovations is made by Europe

EIT Urban Mobility
Mobility for more liveable urban spaces

Community composed of Universities, Reserach Centers, Cities and Industrial partners
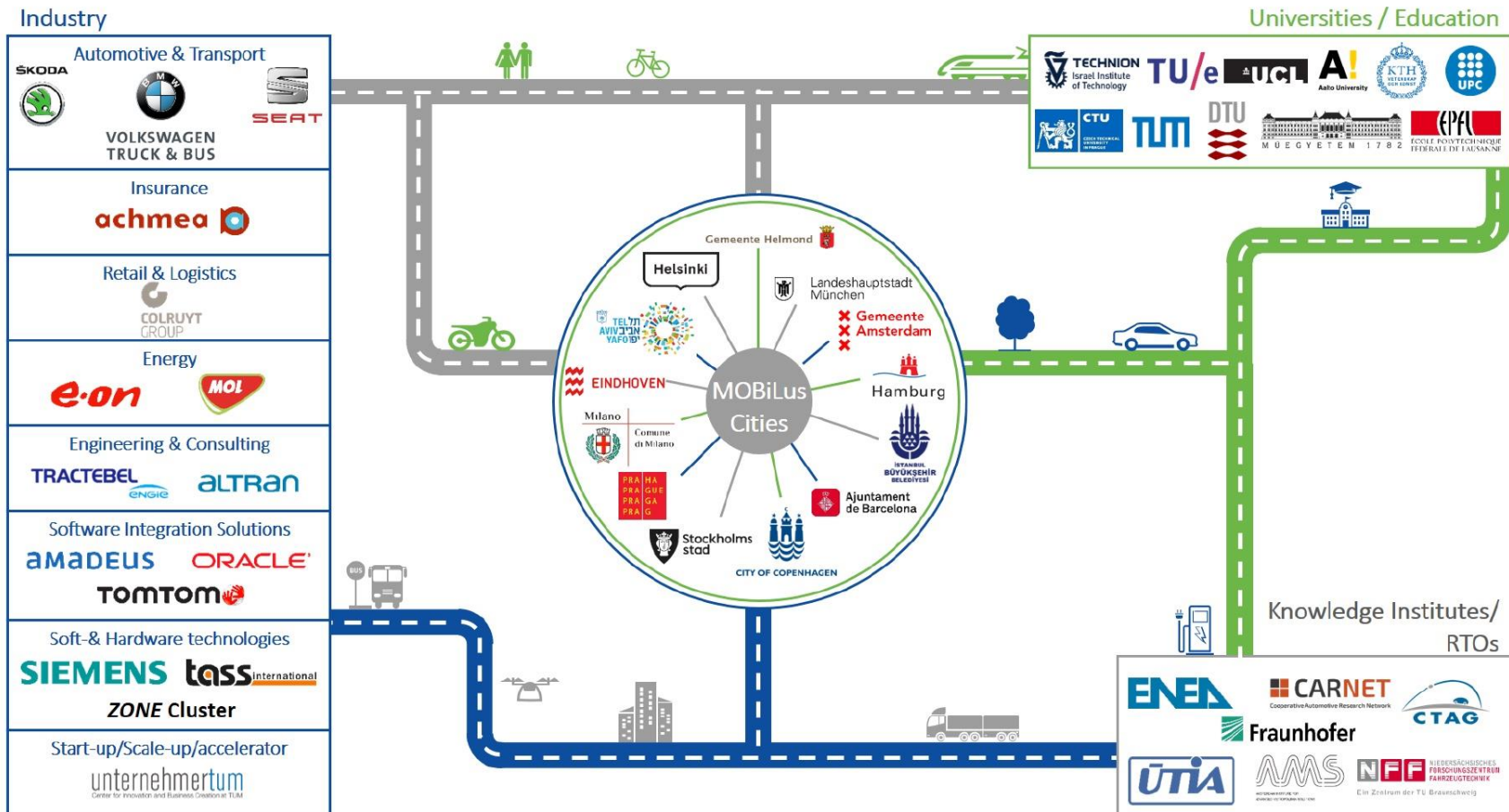

Figure 11: MOBiLus complementary and pan-Europe

2. Què és el EIT-UM i en què consisteix la Call for BP2022

a càrrec del Sr. Daniel Serra, Director del Innovation Hub South del EIT-UM
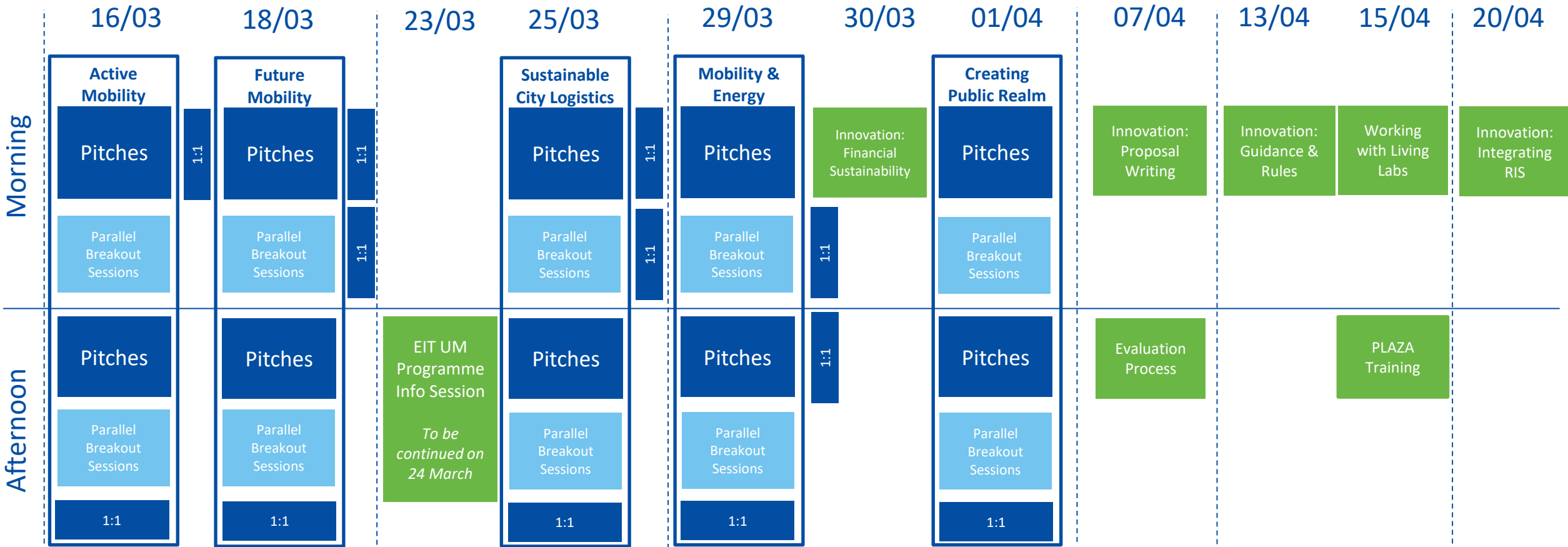
Agenda

	Tuesday, 23 March 2021	

14:00-14:30	**General information on the Calls for Proposals 2022**
	• Aim of the calls, strategic focus and objectives
	• General requirements
	    • Call Calendar
	    • Evaluation process and appeal procedure
	    • Partner registration process
	    • Financial aspects and cost eligibility
	    • Project implementation: 0monitoring and reporting
		Alessandra Pala, Head of PMO
		Marc Martinez, Programme Officer
		Silvia Simonelli, Head of Finance
		Polina Toropova, Programme Assistant
		Miguel Ángel Martínez-Botí, Programme Officer

14:30-15:00	Call specific requirements and Q&A: **Innovation**	**Gareth Macnaughton,** Innovation Director
15:00-15:30	Call specific requirements and Q&A: **Citizen Engagement**	**Bernadette Bergsma,** Head of Communications and Stakeholder Relations
15:30-16:00	Call specific requirements and Q&A: **Academy**	**Martin Vendel,** Academy Director

	Wednesday, 24 March 2021	
10:00-10:30	Call specific requirements and Q&A: **Business Creation**	**Fredrik Hanell,** Business Creation Director
10:30-11:00	Call specific requirements and Q&A: **Regional Innovation Scheme (RIS)**	**Bence Huba,** RIS Director
11:00-11:30	Call specific requirements and Q&A: **Public Realm**	**Florinda Boschetti,** City Club Director

Big Picture – Matchmaking and Info Sessions on b2match

Matchmaking | **Call Info**

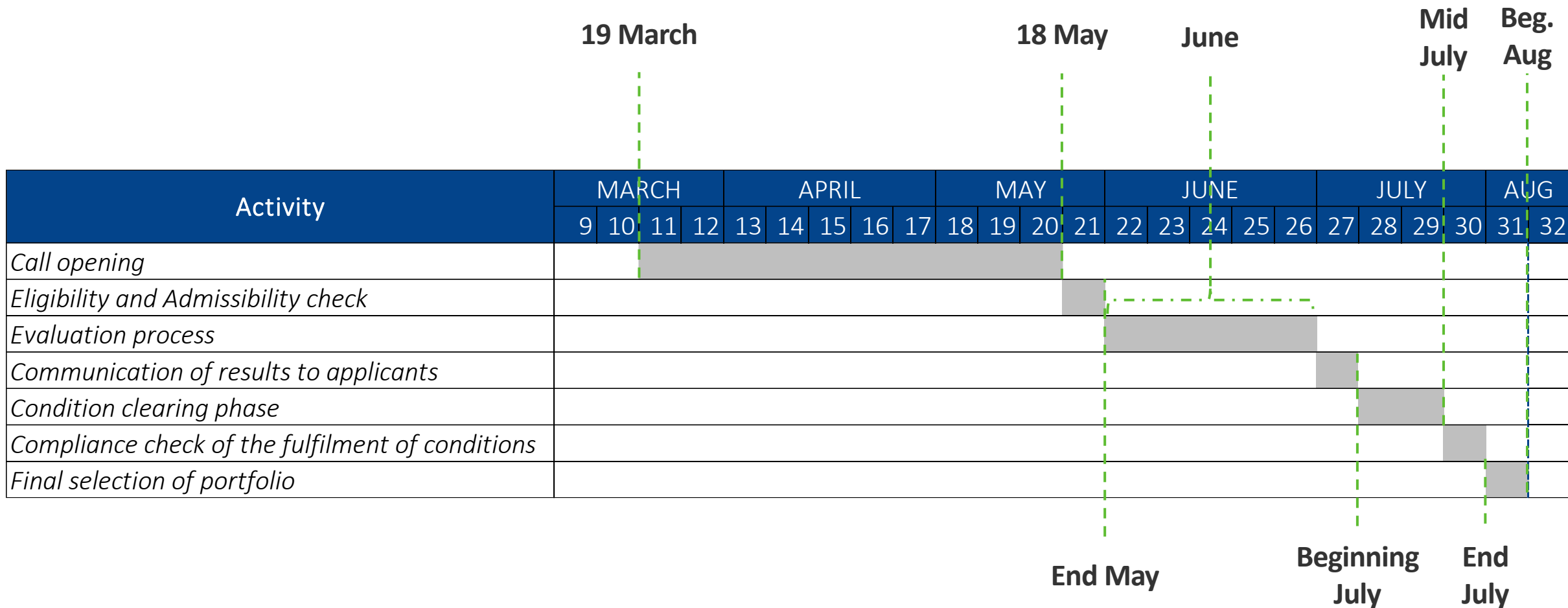|	16/03	18/03	23/03	25/03	29/03	30/03	01/04	07/04	13/04	15/04	20/04
Morning	**Active Mobility** — Pitches / Parallel Breakout Sessions	1:1 / **Future Mobility** — Pitches / Parallel Breakout Sessions	1:1 / 1:1	**Sustainable City Logistics** — Pitches / Parallel Breakout Sessions	1:1 / 1:1 / **Mobility & Energy** — Pitches / Parallel Breakout Sessions	Innovation: Financial Sustainability / 1:1	**Creating Public Realm** — Pitches / Parallel Breakout Sessions	Innovation: Proposal Writing	Innovation: Guidance & Rules	Working with Living Labs	Innovation: Integrating RIS
Afternoon	Pitches / Parallel Breakout Sessions / 1:1	Pitches / Parallel Breakout Sessions / 1:1	EIT UM Programme Info Session — *To be continued on 24 March*	Pitches / Parallel Breakout Sessions / 1:1	Pitches / Parallel Breakout Sessions / 1:1	1:1	Pitches / Parallel Breakout Sessions / 1:1	Evaluation Process		PLAZA Training	

Platform

Open Marketplace (a public forum for offers & needs)* — Open until Call closure

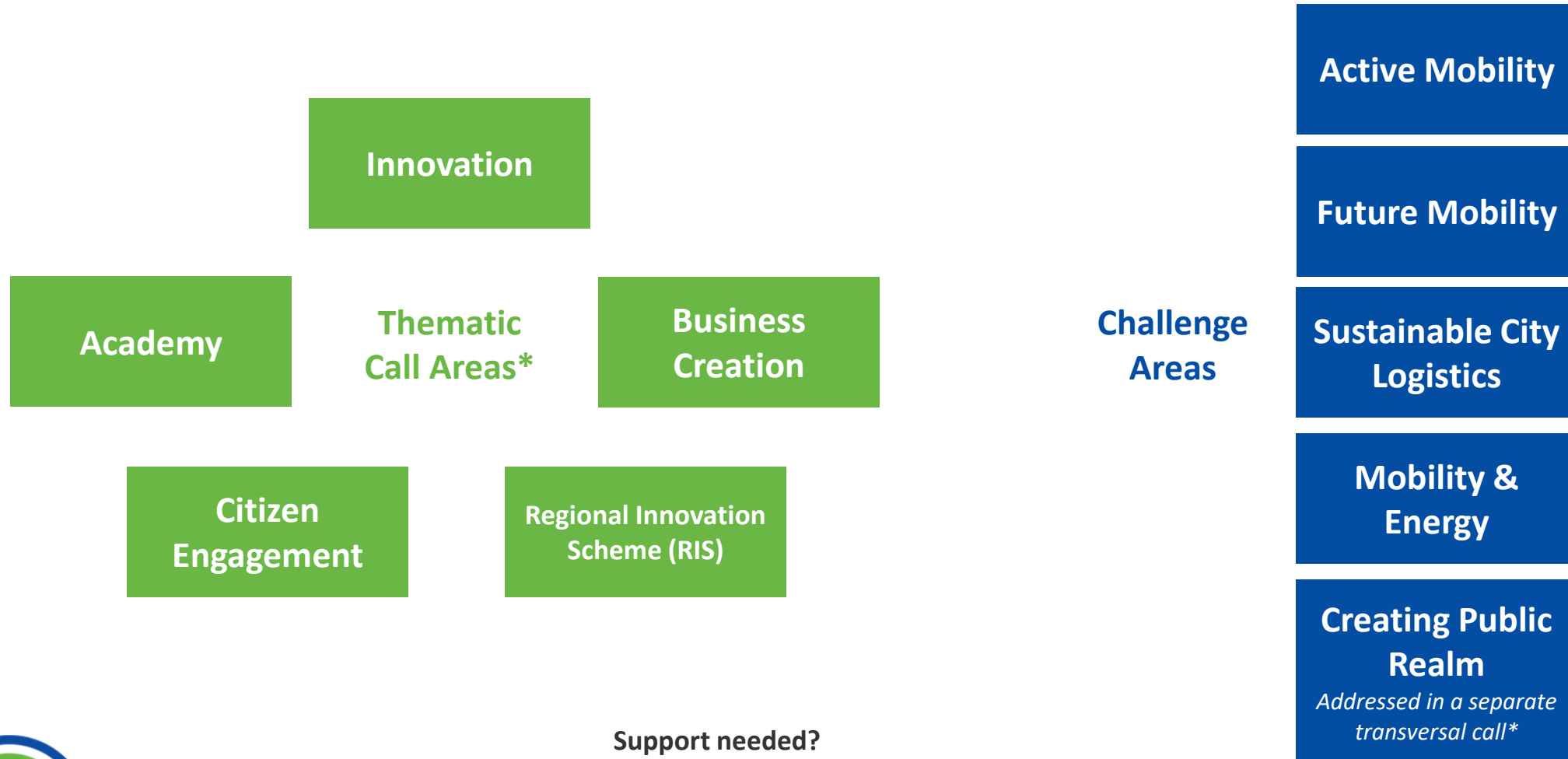Long-term matchmaking: individually scheduled 1:1 meetings — Open until Call closure

*This is a public forum to promote ideas, services, products and needs. For idea consolidation and exchange within the EIT Urban Mobility Partnership the ideation and matchmaking platform (WeDaVinci) will stay available for Partners exclusively. Contact your Innovation Hub for invitation requests.

Call Calendar 2021

19 March   **18 May**   **June**   **Mid July**   **Beg. Aug**

Activity	MARCH				APRIL					MAY			JUNE					JULY				AUG	
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Call opening		▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓												
Eligibility and Admissibility check													▓											
Evaluation process														▓	▓	▓	▓	▓						
Communication of results to applicants																			▓					
Condition clearing phase																				▓	▓			
Compliance check of the fulfilment of conditions																						▓		
Final selection of portfolio																							▓	

                    End May   **Beginning July**   **End July**

eit Urban Mobility

Funded by the European Union

Matchmaking – across 5 Thematic Areas & Challenge Areas

Innovation

Academy

Thematic Call Areas*

Business Creation

Citizen Engagement

Regional Innovation Scheme (RIS)

Challenge Areas

Active Mobility

Future Mobility

Sustainable City Logistics

Mobility & Energy

Creating Public Realm
*Addressed in a separate transversal call**

Support needed?
For Matchmaking: factory@eiturbanmobility.eu
For Call 2022: call2022@eiturbanmobility.eu

indicative max. funding amount: 17 mEUR

eit Urban Mobility

Funded by the European Union

Call overview

Thematic Area	Budget	Proposal Duration	Cofunding	FSM	Lead
Innovation	7,7M€	12, 18 or 24 months	MIN 30%	Strong	Core partners and experience Project Partners
Business Creation	2,1M€	Annual programs & Multiannual (1-3 years)	Not required	High	Core partners and experience Project Partners
Academy	2,4M€	Multiyear (2022, 2023, 2024	MS-Not required CH-Min 10%	High	All
Public Realm	800k	12 months	MIN 50%	Not mandatory	Core partners
Citizen Engagement	800k	12 months	MIN 20%	Not mandatory	All (recommended NGOs)
RIS	1,9M€	12 months	5-20%	Not mandatory	All (RIS Countries) Not Spain

Innovation: Proposal scope and duration

- The Innovation Programme aims to drive **market-oriented business solutions.**

- Proposals should develop solutions/service/products at Technology Readiness Level **(TRL) 6 and above**.

- NB: Early-stage innovation and detailed policy/regulation work can be support by EIT UM via other programmes

- Proposals of **12-, 18- or 24-month duration** will be accepted.

  - State the proposed duration

  - Provide a detailed Work Plan for 2022

  - Provide a high level 2023 Work Plan

  - Outline a provisional 2023 budget

- **Support beyond 24-months** will be available via Factory and Business Creation, to ensure fluid handover and scaling of completed projects.

Funded by the
European Union

Call 2022 Main Features – Innovation

Budget Allocation (indicative): up to 7.7 million Euro

Four Challenge Areas in the focus	Budget (indicative)	Number of proposals to be granted	Max. EIT funding per proposal
Active Mobility	**1.4 mEUR**	**3 proposals**	**2 x 500k EUR within the year** **1 x 400k EUR within the year**
Sustainable City Logistics	1.9 mEUR	2 proposals	2 x 950k EUR within the year
Future Mobility	2.7 mEUR	4 proposals	2 proposals – 900k EUR 2 proposals – 450k EUR
Mobility and Energy	1.9 mEUR	2 proposals	2 x 950k EUR within the year

(+2,5 €M continuation projects)

Call 2022 Main Features – Innovation

Co-Funding Rate

All proposals must have a **minimum co-funding of 30%.** Any co-funding above 30% will be considered as evidence of integration and coordination across other industry and public activities. This will be positively assessed in the portfolio selection.

Participation of RIS Countries

RIS Partners may have access to additional funding **suggested but not limited to 60k EUR** per partner per activity (KAVA).

Funded by the
European Union

Innovation: Key Performance Indicators

- Either a Marketed Innovation (EITHE02.1) **or** Start-up created (EITHE04.1)
- All proposals must have at least 3 City Engagements in projects (KONHE03.2)

Mandatory KPIs

EITHE02.1	Marketed Innovations
EITHE04.1	Start-up created of/for Innovation
KONHE03.2	City engagements in proposal

Additional KPIs

KSN02	Demonstration/pilots/living labs within a proposal that actively involve citizens and/or local associations
KSN03	Public realm improvements
KONHE11	Number of external and internal events
EITHE12.1	Co-funding rate
KONHE20	Designed/Tested Innovations

eit Urban Mobility

Innovation: City Demonstrations

- Proposals should demonstrate the **pan-European solutions** within the proposal lifecycle in a **minimum of three cities** in two **Member States or Associate States**.

- Demonstration impact: **evidenced city engagement and resources** such as Living Labs and additional funding.

- EVIDENCE

- Submission System is PLAZA and 3 specific sections. – one per city.

- *Tab 3: Activity Specific Information*

- City Demonstrator 1 *Please identify the city or living lab, whether full partner with costs, or demonstrator with no direct costs. What has the City committed to provide, during what period? The written engagement will need to be evidenced in Negotiation. Are additional financial resources used i.e.. Structural Funds, Social Funds, Covid Recovery Plan etc. Who is the city liaison partner for the proposal? What is the scale of the testing area? Who are the (private/public) stakeholders involved in the demo?*

Challenge Area: Active Mobility

Active mobility is **regular physical activity** undertaken as a means of transport. It includes **walking**, **cycling**, **pedal-assisted e-bikes**, **kick-scooter**, **skateboards** but not mopeds. Given **electric scooters** have similar characteristics, they may be part of an overall proposal, but **cannot** be the primary focus.

EXPECTED OUTCOMES AND IMPACTS

- Higher levels of use of active mobility in target demo cities

- Notable modal shift from private motorised vehicles to active mobility

- Opportunities for direct and indirect business growth, skills acquisition, and job creation

- Healthier, cleaner transport with lower incidence of accidents and higher safety levels when using active mobility

- Reduced greenhouse gas emissions, better use of public spaces and more liveable urban areas

eit Urban Mobility

Funded by the European Union

Challenge Area: Future Mobility

New services and disruptive technologies reshape the ways in which we live, work, and move. **digitalisation**: technologies such as **artificial intelligence**, **blockchain**, **5G**, and **Internet of Things (IOT)** are and will shape all sectors and fields. In the field of mobility, these innovative technologies enable the creation and adoption of new services such **as mobility as a service (MaaS)**, **shared micro-mobility services**, **autonomous driving**, and **urban air mobility**.

EXPECTED OUTCOMES AND IMPACTS

- Contribute to city policy objectives through the use of innovative measures in one or more European city.

- Business model for the new service is tested and implemented.

- Potential for replication and scaling in other European contexts.

- Better mobility services for citizens, higher levels of accessibility, reduction in greenhouse gas emissions, and better use of urban space.

eit Urban Mobility

Funded by the
European Union

Challenge Area: Sustainable City Logistics

Freight transport includes the **transport of goods**, from parcel delivery, delivery of building materials to construction sites, to domestic and commercial waste disposal. Cooperation between a wide range of partners and new vehicles, business models and technologies is needed.

Solutions include **new vehicles, procurement / purchasing models, consolidation solutions, hub services, production models, software solutions** for optimising freight, **solutions for managing loading/unloadin**g etc.

EXPECTED OUTCOMES AND IMPACTS

- Improvement of urban logistic operations through logistical, future vehicle design, urban air logistics, behavioural and technological innovations.

- Solution should be low-carbon, accessible, safe, efficient, and clean.

- Healthier, safer environments, reduction of greenhouse gas emission and local air and noise pollution, enhancing the overall quality of life of citizens.

![EIT Urban Mobility logo]

Challenge Area: Mobility and Energy

Replacing ICE with **cleaner fuel-propulsion solutions** requires **new vehicle technologies**, **charging/refueling supply** as well as **demand for the fuels**. To enable this requires new partnerships, business models and new infrastructure.

The widescale adoption of electric vehicles in urban areas poses challenges relating to **appropriate charging infrastructure** for transport such as taxi, truck, small delivery vehicles, bus, boat, moped, e-bike as well as private car.

Refueling stations also need to be in place **for other cleaner fuels**, e.g., hydrogen for fuel-cell electric vehicles, CBG, LBG, and for P2X.

EXPECTED OUTCOMES AND IMPACTS

- Increased use of cleaner fuelled vehicles in one or more European city.

- Potential for replication and scaling in other European contexts.

- Alignment with national and European policy on cleaner fuels.

- Reduction in greenhouse gas emissions, increased quality of life in urban areas and better use of urban space.

Funded by the European Union

More info on B2match info sessions:

- **"Making Financial Sustainability work for your proposal"** on 30 March - Gareth & Manuel
- "**Tips & Pointers for Proposal Writing**" on 7 April - Gareth + Sigrid
- **"The Evaluation Process Explained" on 7 April** - PMO and Innovation
- **"Guidance and Rules on Innovation" on 13 April** - Gareth
- **"Integrating RIS into Innovation" on 20 April -** Bence and Gareth

Funded by the
European Union

EIT Urban Mobility Academy – *closing the knowledge gap*

eit Urban Mobility
MASTER SCHOOL

- 7 leading European universities
- 4 programmes
- Target to graduate 500 students annually

eit Urban Mobility
DOCTORAL TRAINING NETWORK

- 14 leading European universities
- Innovation and entrepreneurship programme
- Target to graduate 50 PhD annually

eit Urban Mobility
COMPETENCE HUB

- A variety of lifelong learning formats
- A network of suppliers
- Target to educate 50.000 annually

Target segments and expected call result

Master School

- Proposals from 6 specified call areas
- Budget about 30% of call
- Some but limited contribution to financial sustainability
- Some but limited co-funding
- Potential multi-year candidates
- 6 to 10 activities

Doctoral Training Network

- Not included in this call

Competence Hub

- Proposals from 7 specified call areas
- Budget about 70% of call
- Significant financial sustainability contribution
- Co-funding rate significantly above 10%
- Potential multi-year candidates
- 7 to 14 activities

eit Urban Mobility

Funded by the European Union

Master School – specific 2022 call focus areas

- **MAS1 Summer Schools (2 to 3)**
  - 2 week, 2 city summer schools for EIT Urban Mobility students, external students and young professionals
- **MAS2 Challenge Student Competition (1)**
  - Large pan-European urban mobility student competition to raise interest for urban mobility and the Master School
- **MSA3 Pre-MS raising awareness activities/courses (1 to 2)**
  - Raising awareness and "drafting" of potential Master School students, such as courses and other activities generating "student leads"

Master School – specific 2022 call focus areas

- MSA4 Regional Innovation Scheme, RIS, integration (1 to 2)

  - Activities to integrate RIS region teachers and students in Master School activities

- MSA5 New urban mobility programme/curriculum (1 to 2)

  - Development and pilot of a Innovation & Entrepreneurship or Industrial Engineering Master with a urban mobility specialization

- MSA6 Teaching methodology with a KT perspective (1 to 2)

  - Development and piloting new teaching concepts to better integrate industries and cities in the Master School teaching and activities

Funded by the European Union

Competence Hub – specific 2022 call focus areas

- CHA1 Online urban mobility courses with a significant financial and impact potential (1 to 4)
  - Online urban mobility courses with a strong financial and volume potential
- CHA2 Face-to-face urban mobility courses with a significant financial and impact potential (1 to 4)
  - F2F urban mobility courses with a strong financial and volume potential
- CHA3 Meeting city staff education needs (1 to 2)
  - Urban mobility courses meeting city staff needs and conditions
- CHA4 Regional Innovation Scheme, RIS (1 to 2)
  - Urban mobility courses meeting the need and conditions in RIS regions

Competence Hub – specific 2022 call focus areas

- CHA5 Hackathons (1 to 2)
  - Hackathons with significant impact and financial sustainability potential
- CHA6 Multi-stakeholder collaboration courses (1 to 2)
  - Courses focusing on "breaking the silos" and multi-stakeholder collaboration
- CHA7 Challenge groups (1 to 2)
  - Facilitated executive level cross-organization groups focusing on a specific common issue.

Funded by the European Union

3. Recolzament de la UPC en la presentació de propostes

a càrrec de la Sra. Elisa Sayrol, delegada del rector en el EIT-UM

4. Torn obert de preguntes

Cal posar la **pregunta en el xat** i , si la persona ho considera oportú, complementar la pregunta amb el micròfon activat.

Gràcies per la vostra atenció i participació

Més informació:

Jaume Julibert

Correu de contacte: Jaume.julibert@upc.edu

Telèfon de contacte: 620.970.553 (44.587)