



SUSTAINABLE URBAN
MOBILITY CONGRESS
SUM BILBAO 21

OCTOBER 6th - 7th
Euskalduna Centre, Bilbao

**CONGRESS
REPORT**





Sustainable Urban Mobility Congress

Congress Report SUM Bilbao 21

Organised by



Partners



PLATINUM



LEAD
PARTNERS

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Partners



1. SUM Bilbao 21

SUM BILBAO 21

“Connecting, people, institutions, business and goods”

“SUM Bilbao is a really essential event to pool ideas, experiences and commitments in favour of sustainable urban mobility”. With these words, His Majesty King Felipe VI opened the second edition of the Congress, which was held on 6th and 7th October last at the Euskalduna Conference Centre (Bilbao).

Organised within a context of uncertainty marked by the COVID-19 pandemic, SUM Bilbao once more became the nerve centre for all stakeholders interested in building more sustainable urban mobility models. Therefore, thanks to its hybrid format and complying with capacity restrictions established by the prevailing regulations, SUM brought together more than 400 attendees in person and 1,300 virtually, who were able to follow some of the 27 sessions and Side Events that were offered in person, and visit the virtual stand of 45 exhibitors in the Showcase Area. In total, more than 35 hours of content are now available on the website and on the platform.

Energy transition, governance and funding, and innovation and

digitalisation were the main topics that shaped the talks and round tables featuring more than 130 speakers. They shared their vision, experiences and mobility solutions implemented in different regions of the planet: from Palma de Mallorca to Santiago de Compostela, and from Switzerland to Chile, at different geographic levels (cities, metropolitan and regional areas) in many countries.

The second edition of SUM Bilbao also managed to extend its ecosystem of partners by more than 200%, with associations and clusters representing 29%; the public sector, 27%; the private sector, 26%; knowledge centres, 11%; and the media, 7%. In this way, SUM has consolidated itself as a real meeting space to foster collaboration between entities of a different nature. This essence was reflected in the event's closing ceremony, with the signing of the Declaration of Bilbao, whose commitments received the support of 52 entities and is still obtaining new adhesions.



In person



Online

Who is organising it?



Bilbao, a city that continues moving forward as a world reference

in urban transformation processes and public policies to foster a more sustainable mobility, improving life for its residents.



Petronor, a leading company in the Basque energy sector

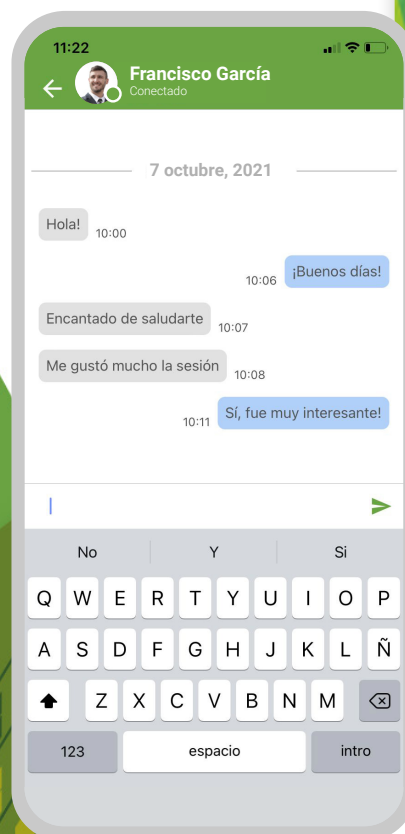
committed to generating a positive impact on society and the economy.

SUM BILBAO 21

Digital platform



What does the digital platform of the Congress offer?
Live sessions, innovative projects, networking... and much more!



KEY FIGURES: 2nd Edition SUM Bilbao

Hybrid format

2

Days

35

Hours of
content

7.717

m² of
surface

1.816

Total of
assistants

130

Total of
speakers

55

Partners



Sessions

27

Plenary
Sessions

6

Parallel
Sessions

13

Side
Events

8

Social media

1,5K

Followers



13M

Impressions



1,7K

Publications





2. Programme

Programme

Main Topics



ENERGY TRANSITION

- Sustainability
- Clean Energies
- Green Hydrogen
- Charging infrastructure
- Electric vehicles
- Decarbonisation
- Waste management
- Reduction of greenhouse gases
- Technological neutrality



GOVERNANCE AND FUNDING

- Funding
- Regulation
- Climate Change and Energy Transition Law
- Hydrogen Roadmap
- Public-Private alliances
- Markets and business models
- European Green Pact



MOBILITY, DIGITALISATION AND INNOVATION

- Technologies (5G, Big Data, IoT, etc.)
- Micro Mobility
- Smart Infrastructures
- Smart Cities
- Urban distribution of goods
- Universal Accessibility
- Urban Planning
- Public Transport

Programme

DAY 1 Wednesday, October 6th

9:00 - 9:15	<div></div> <div>Plenary session Welcome</div> <div>Room 0B</div>				
9:15 - 10:45	<div></div> <div>Plenary session Project Exhibition</div> <div>Room 0B</div>			<div></div> <div>Side Event Basque Mobility Cluster</div> <div>Room 0C 09:30-10:40</div>	<div></div> <div>Side Event Mobility City</div> <div>Room 3A 10:00-11:00</div>
10:45 - 11:15	<div></div> <div>Plenary session Alternative Fuels</div> <div>Room 0B</div>				
11:15 - 12:00	Coffee Break				
12:00 - 13:00	<div></div> <div>Plenary session Opening session</div> <div>Hall 2</div>				
13:00 - 14:30	<div></div> <div>Parallel session 0 Public-private alliances for mobility</div> <div>Hall 2</div>				<div></div> <div>Side Event Bilbao Metropoli 30</div> <div>Room 0C 13:30-14:30</div>
14:30 - 16:15	Lunch				<div></div> <div>Lunch with Experts</div> <div>Jauregia Restaurant</div>
16:15 - 17:15	<div></div> <div>Interview 2 Sustainable mobility strategy</div> <div>Room 0B</div>	<div></div> <div>Parallel session 2 New technologies for mobility</div> <div>Room 0D</div>	<div></div> <div>Parallel session 1 Electric Mobility</div> <div>Room 0A</div>	<div></div> <div>Side Event FLACMA</div> <div>Room 3A 16:15-17:45</div>	
17:15 - 18:15	<div></div> <div>Parallel session 3 Metropolitan Governance</div> <div>Room 0B</div>	<div></div> <div>Parallel session 4 Goods Mobility</div> <div>Room 0D</div>			
18:30					<div></div> <div>Side Event Mercociudades</div> <div>Room 0C 17:15-18:30</div>

Programme

DAY 2 Thursday, October 7th

9:00 – 10:30		Room 0B Interview 1 The role of cities in energy transition	Room 0D Parallel session 6 Efficient Mobility	Room 0A Parallel session 5 "Green hydrogen" Sustainable energy	Room 0C Side Event Connected Mobility Hub 09:00-10:15
10:30 – 11:45	Hall 2 Parallel session 9 Economic development opportunities in sustainable mobility	Room 0B Interview 3 Energy Transition on the European Agenda	Room 0D Parallel session 8 Sustainable and accessible mobility of people	Room 0A Parallel session 7 Regulatory frameworks for the energy transition	Room 0C Side Event Repsol 10:30-11:30
11:45 – 12:30	Coffee Break				
12:30 – 14:00	Hall 2 Closing session				
14:00 – 14:30	Hall 2 Declaration of Bilbao				

● Energy transition
 ● Governance and funding
 ● Mobility, digitalisation and innovation
 ● Special sessions
 ● Side events

Click [here](#) to watch the videos of all the congress sessions

Sessions

Participants



Welcome

Plenary Session

📍 Room 0B 📅 October 6th 🕒 09:00 - 09:15

The congress started off with this welcome session, in which the organising team greeted participants and briefly explained what they will find at the second edition of SUM Bilbao and all the new features this year..



José Ignacio Zudaire

Director of People, Organization, Institutional Relations and Economic-Financial Department of Petronor



Alfonso Gil

President of the Commission on Transport, Sustainable Mobility and Road Safety at FEMP. Deputy Mayor and Councillor for Mobility and Sustainability in Bilbao City Council



Vanesa Sánchez

PRESENTER



Click [here](#) to watch the video of the session

Sessions



Project exhibition

Plenary Session

📍 Room 0B 📅 October 6th 🕒 09:15 - 10:45

This session highlighted the technological capacities of the local and national productive network to consolidate and lead the transformation of mobility on a national and international level. To do so, innovative solutions were presented to address the challenges of urban mobility, developed within the framework of public-private alliances and with cutting edge technology. The main challenges facing the implementation of these solutions were analysed along with how they can contribute towards achieving a sustainable mobility system.

Click [here](#) to watch the video of the session

Participants



Miguel Ángel Alonso

Engineering manager
at National Express/
Alsa



Txema Otero

Commercial Director of
Spain & Portugal of Irizar
e-mobility



Cristina López Fernandez

Director of R+D+i, Quality
and Environment at ETS
and Coordinator fo Smart
Electric Bus (BEI)



Juan Marín Cruzado

Cities Director for Spain
and Portugal of Kapsch
TrafficCom



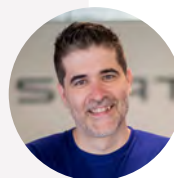
Javier Coletto

Manager of the
Sustainable and Smart
Mobility Strategy of
Tecnalia



Carlos Poveda

CEO at UMILES



Carlos Buenosvinos

CEO at Seat CODE



Vanesa Sánchez

PRESENTER

Sessions

Participants



Alternative fuels for sustainable mobility

Plenary Session

📍 Room 0B 📅 October 6th 🕒 10:45 - 11:15

This session was the place to present innovative renewable and clean energy solutions based on technological neutrality, which are key to move forward in the energy transition of cities and in the construction of sustainable mobility systems. These solutions show the commitment to the energy transition by the players involved and the technological capacity of the entire national productive sector to respond to today's challenges of mobility and clean energies.



Carlos Martín

Technical and Environmental Director of the AOP (Spanish Association of Petroleum Products Operators)



Arturo Fernández Goyenechea

Head of Hydrogen Projects at Petronor Innovation



Vanesa Sánchez

PRESENTER



Click [here](#) to watch the video of the session

Sessions



Opening session

Plenary Session



Hall 2



October 6th



12:00 - 13:00

SUM Bilbao's opening session included top-level officials and leaders of Spanish institutions, as well as representatives of the organising bodies and local organisations. These institutions and organisations expressed their commitment to the future of sustainable urban mobility, green and energy transition, sustainable cities, innovation for mobility and public-private partnership.



Click [here](#) to watch the video of the session

Participants



**His Majesty King
Felipe VI**



Íñigo Urkullu
Lehendakari of the
Basque Government



Raquel Sánchez
Minister of Transport,
Mobility and Urban
Agenda of the
Government of Spain



Juan Mari Aburto
Mayor of Bilbao



Antonio Brufau
President at Repsol

Sessions

Participants



Public-private funding and alliances

Plenary Session

Hall 2

October 6th

13:00 - 14:30

During this session, the speakers discussed the role of public-private investments and alliances as a driving force to boost innovative projects that address the challenges raised by sustainable mobility, whilst generating business opportunities and economic development. Furthermore, they put forward their points of view on highly relevant hot topics for the sector, such as project funding, green taxation and the Next Generation EU funds.

Click [here](#) to watch the video of the session



Borja Moreno Candau

Regional Director Iberica
at EVBox
MODERATOR



Pere Calvet

General Manager of
Ferrocarrils de la Generalitat
de Catalunya (FGC) and
Honorary President of the
International Union of Public
Transport (UITP)



Florinda Boschetti

Head of City Club at
EIT Urban Mobility



Judith Oginga Martins

Sustainable Mobility Expert &
Researcher at SolutionsPlus-
UN Habitat

Sessions



Lunch with Experts – Data Analysis for Sustainable Mobility

Plenary Session

📍 R. Jauregia 📅 October 6th 🕒 14:30- 16:15

This session took place during lunch. It was the perfect opportunity to interact with leading experts in the field of data analysis for sustainable mobility in a relaxed atmosphere, enabling problems and challenges to be discussed in greater depth.

Click [here](#) to watch the video of the session

Participants



Jordi Hereu

President of IdenCity and former mayor of Barcelona



Clara Sánchez

Head of index at IdenCity



Anthea Greco

Partnerships Lead Spain & Italy at Via



Ignacio Barrios

CEO at Kido Dynamics



Iosu Ramírez

Associate Director of LEBER



John Alexander

International Business Development Manager at Nextbike



Vanesa Sánchez

PRESENTER

Sessions

Participants



Electric Mobility

Parallel session 1

📍 Room 0A 📅 October 6th 🕒 16:15 - 17:30

In this session, the role of electric mobility to foster new models of sustainable urban mobility was explored. That is, the huge growth of electric mobility in recent years and its possibilities and limitations to face mobility challenges and opportunities in cities of the 21st century will be analysed.

Thanks to the knowledge and experience of the speakers, scenarios related to the future of electric mobility were considered, whilst identifying the most relevant technologies and applications that will make them possible. Furthermore, the influence of electric mobility on the urban development of cities was addressed, which have seen how new infrastructures are modified and created for the development of electric mobility, such as, for example, charging points or stations.



Click [here](#) to watch the video of the session



Miguel Ángel Gómez

Deputy of Transport and Sustainable Mobility.
Regional Council of Bizkaia
MODERATOR



José Hila Vargas

Mayor of Palma de Mallorca



Javier Hurtado

Adviser of Tourism, Commerce and Consumption of the Basque Government



Aitor Arzuaga Munsuri

CEO at IBIL



Antonio Álvarez Caamaño

Engineering manager at Alsa



Íñigo Azcona

Commercial Manager of Irizar e-mobility

Sessions

Participants



New technologies for mobility

Parallel session 2

📍 Room 0D 📅 October 6th 🕒 16:15 - 17:15

In this session, the strategic role of innovation and the new technologies that make new sustainable urban mobility systems possible were analysed. In other words, how the introduction of technology in the mobility sector has fostered the transformation of this sector, enabling the development of electric and autonomous mobility, services like MaaS or collaborative ecosystems were highlighted. All of this is the result of the application of new technologies, such as, for example, blockchain or big data.

Thanks to the knowledge and experience of the speakers, the result of the application of these new technologies in urban mobility systems were presented, analysing their limitations and their potential to modify and improve the current mobility guidelines in order to achieve more sustainable, smarter, more inclusive and safer mobility.

Click [here](#) to watch the video of the session



Marcela Petrantonio
Executive Secretary at
Mercociudades
MODERATOR



Milagros Tolón
Mayor of Toledo



Natalia Chueca Muñoz
Zaragoza Regional
Minister for Public
Services and Mobility



Jon Lekue Martinez
General Managing Partner
at AUTONERVIÓN and
President of the Vizcaya Car
Dealers Association



Javier Aguirre
CEO at Kpasch
TrafficCom Spain and
Portugal

Sessions

Participants



Metropolitan and multi-level governance

Parallel session 3

📍 Room 0B 📅 October 6th ⌚ 17:15 - 18:30

During this session, the way in which metropolitan and multi-level governance is adapted for the implementation and consolidation of sustainable mobility systems will be analysed. More flexible governance in which numerous actors come into play and which allows for cooperation and alliances between different administrations and also between then and the private sector and civil society.

In this respect, this session was focused on the presentation of good practices and success stories which have enabled local authorities in different Latin American and European metropolitan regions to move forward in the construction of more sustainable urban mobility systems with the development of different programmes and projects, for example, increased public transport, intermodality, low emission areas or park and ride.

Click [here](#) to watch the video of the session



Jaime Belmar

Member of the technical secretariat of FLACMA and Executive Secretary of the ACHM
MODERATOR



Luisa Elena Burga

Manager in the Urban Mobility Management Office at the Metropolitan Municipality of Lima



Carlos Cadena

Former Secretary of Mobility of Medellín and Professor at the EAFIT University



Sergio Baños Rubio

Mayor of Pachuca de Soto, México

Sessions

Participants



Goods mobility

Parallel session 4

📍 Room 0D 📅 October 6th 🕒 17:15 - 18:30

In recent years, the urban distribution of goods has increased significantly, with goods transport vehicles extending throughout all cities. In such a context, achieving sustainable mobility systems to face the environmental challenges of the 21st century also requires the transport of goods to be more sustainable.

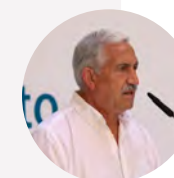
In this respect, this session was focused on how the mobility of goods is moving towards sustainability and how to combine this with the increase in distribution. Thanks to the knowledge and experience of the speakers in this session, the changes that are taking place in the urban distribution of goods were analysed, particularly in terms of intermodal logistics chains and last mile distribution.



Click [here](#) to watch the video of the session



Fernando Zubillaga
Manager of the Basque
Mobility and Logistics
Cluster
MODERATOR



José Del Río Escobar
Deputy Mayor Delegate
for Mobility of the
Honorable Malaga City
Council



Sergio Paredes
Director of the
Distribution Network at
Correos



**Griselda Hernández
Fábregas**
CMO at Estafeta
Mexicana



Olivier Corvez
Executive Director at
Smart Freight Centre



Jose Carlos Espeso
Manager of the Smart
Distribution area of
AECOC

Sessions

Participants



Green hydrogen. Sustainable energy

Parallel session 5

📍 Room 0A 📅 October 7th 🕒 9:00 - 10:30

The need to reduce greenhouse gases, the challenges of the energy transition towards alternative fuels and technological advances have increased the popularity of hydrogen in recent years and regional and national hydrogenation plans are being developed. In this context, green hydrogen has emerged recently as a source of ecological and sustainable energy with which climate neutrality may be reached by 2050, hence achieving an energy transition in which nobody is left behind.

During this session, green hydrogen, its advantages and potential for mobility were specifically discussed and explored. The speakers told us how hydrogenation plans are being developed in their respective countries and what they consider will be the future of this source of energy.



Click [here](#) to watch the video of the session



Guillermo Figueruelo

Head of Business Development, Foundation for the Development of New Hydrogen Technologies in Aragon
MODERATOR



Janice Lin

Founder and President, Green Hydrogen Coalition; Founder and CEO, Strategen



Tomás Malango

Director of Hydrogen at Repsol



Joanna Richart

Head of Hydrogen Business at Ricardo Automotive & Industrial



Javier Telmo Chávarri

Hydrogen Investment Manager. SENER Renewable Investments. S.L.

Sessions

Participants



Connected mobility and smart management

Parallel session 6

📍 Room 0D 📅 October 6th 🕒 09:00 - 10:30

In this session, characteristics of connected mobility were addressed, as a result of the application of technological solutions, such as Internet of Things, Artificial Intelligence solutions or 5G. These technological innovations have led to a transformation in mobility and in how it is managed inside and outside cities.

The speakers were focused on not only raising the visibility of these technological solutions, but also on showing their practical application in different fields. For example, Smartcities can improve traffic management, hence increasing the quality of life of their citizens; improve intermodal logistics chains or the smart management of infrastructures by taking advantage of technological innovation



Click [here](#) to watch the video of the session



Judit Batayé

Director in Catalonia of
Techfriendly
MODERATOR



Pere Navarro

Director General of
Traffic, Ministry of the
Interior (Spain)



Julián Ferraz

Deputy Director of the
General Directorate at
ETS



Sandra Witzel

Co-Founder Women in
Mobility London; CMO
and Board Member at
Skedgo



Luis Moreno

General Director
of the Galician
Automotive
Technology Center

Participantes

Regulatory frameworks for the energy transition

Parallel session 7

Room 0A | October 7th | 10:30 - 11:45

In this debate session, the speakers delved into the energy transition that is taking place in Spain, promoted by the new Climate Change and Energy Transition Law. Within this context, they discussed the need to establish clear and fair regulatory frameworks, as well as funding mechanisms that enable the sustainability goals to be reached.

Therefore, each of the speakers, from their field of action, identified the key issues that will mark the future of the energy transition and they explained some projects that are being carried out in their organisations related to low emission areas, reduction of greenhouse gases or distributed generation.

Click [here](#) to watch the video of the session



David Robinson

Senior Research Fellow at
Oxford Institute for Energy
Studies
MODERATOR



Juan Diego

CEO at Edinor



José López-Tafall

General Director of
ANFAC



Mónica Díaz

Technique in the area of
energy efficiency in industry
and transport of the Basque
Energy Agency



Fernando Calancha

Partner of the
Department Regulatory-
Administrative Law of
PwC Tax & Legal

Sessions

Participants



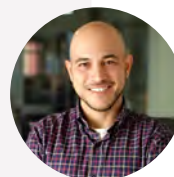
Sustainable and accessible mobility of people

Parallel session 8

Room 0D October 7th 10:30 - 11:45

During this session, issues that enable the mobility of people to be more sustainable and accessible from diverse perspectives were addressed, bearing in mind regulations, micro-mobility projects, universal accessibility, mobility and multi-modal services or the new Sustainable Mobility and Funding of Urban Transport Law.

The speakers put forward the mobility policies, programmes and projects that have been carried out in their fields of action. Projects that foster the use of alternative and sustainable means of transport, such as the bicycle, will be analysed.



Luis Morales

Public Projects Relations
at Connected Mobility
Hub
MODERATOR



Eneko Goia

Mayor of Donostia/
San Sebastián (Spain)



Rafaela Romero

Provincial Deputy
of Gipuzkoa of the
Department of Mobility
and Spatial Planning
(Spain)



Luis Vélez Santiago

Councilor for the Mobility
and Urban Space Area of
the Valladolid City Council
(Spain)



Julio Antuñano

President of Voy en Bici,
Argentina



Lucas Casanovas

Managing Director of
Seat Mó & Casa SEAT



Click [here](#) to watch the video of the session

Sessions

Participants



Economic development opportunities in sustainable mobility

Parallel session 9

📍 Hall 2 📅 October 7th ⌚ 10:30 - 11:45

Sustainable mobility not only represents better quality of life for citizens and the environment, but it is also a social and economic development opportunity. This session was focused on analysing and identifying these development opportunities within the framework of the transformation of mobility towards more sustainable models, whilst highlighting the industrial and technological capacity of the Iberian peninsula to take advantage of these opportunities. Furthermore, the Next Generation funds were analysed as a driving force for these economic development opportunities, but also to boost Spain's fulfilment of its industrial and technological autonomy objectives, which will enable it to establish itself as a leading economy in sustainable mobility and energy transition.

Finally, the case of Portugal and its commitment to the development of renewable energy, particularly green hydrogen, and the importance of fostering public-private associations to reach climate neutrality by 2050 were presented.

Click [here](#) to watch the video of the session



Pedro Mier
President of AMETIC
MODERATOR



João Galamba
Deputy Minister and
Secretary of State for Energy
(Portugal)



Ana María Marín
General Secretary of
the CDTI



Íñigo De La Serna
Former Minister of
Development I Spain

Sessions

Participants



CLOSING SESSION

📍 Hall 2 📅 October 7th ⌚ 12:30 - 14:00

The discussion panel that closed this year's edition of SUM Bilbao included top-level speakers representing important local and national private and public organisations in the fields of mobility and energy transition. These stakeholders discussed the future of mobility and energy transition in the framework of the Agenda 2030, stressing the importance of technological neutrality, funding, regulation and local governments when working to achieve sustainable mobility goals. They also talked about the importance of alliances between local public administrations and the private sector as a driving force for innovative sustainable mobility projects, and how these alliance can boost local economic development.

Click [here](#) to watch the video of the session



May López

Development Director
of Companies for
Sustainable Mobility
MODERATOR



Alfonso Gil

President of the
Commission on Transport,
Sustainable Mobility and
Road Safety at FEMP



Emiliano López Atxurra

President at Petronor



Gorka Urtaran

Mayor of Vitoria-
Gasteiz and President
of EUDEL



Ramon Valdivia

Managing Director at
Astic

Interviews

Participants



The Role of Cities in Energy Transition

Interview 1

📍 Room 0B 📅 October 7th ⌚ 09:00 - 10:00

This session delved into how cities and local governments are facing the fight against climate change and more specifically, the energy transition. The Mayoress of Makati (Philippines), Abigail Binay, who is a member of the Board of Mayors and Leaders of THE GLOBAL COVENANT OF MAYORS FOR CLIMATE & ENERGY will participate in the discussion on this topic. The Mayoress explained not only how cities are moving forward in their sustainability and energy transition commitments, but also how such organisations foster public-private alliances to accelerate ambitious climate and energy initiatives that pave the way for low emission and climate resilient cities in the future.



Joan Clos

IBEI Fellow Professor,
former Executive Director
of UN-Habitat and former
Mayor of Barcelona
INTERVIEWER



Abigail Binay

City Mayor of Makati
(Philippines)

Click [here](#) to watch the video of the interview

Interviews

Participants



Sustainable and Smart mobility strategy
Interview 2

📍 Room 0B 📅 October 6th ⌚ 16:15 - 17:15

During this session, the European Commission's new sustainable and smart mobility strategy was addressed in detail. It is a strategy that presents an ambitious and necessary vision that includes major advances in terms of alternative, renewable and low-emission fuels, clean vehicles, smart transport systems and connected and automated mobility. A representative of the European Commission's Sustainable and Intelligent Transport Unit addressed this topic.

Click [here](#) to watch the video of the interview



Gareth Macnaughton

Director of Innovation at EIT
Urban Mobility

INTERVIEWER



Saki Gerassis

Policy and Data Officer –
Sustainable and Intelligent
Transport Unit – DG Mobility
and Transport at the European
Commission

Interviews

Participants

Energy transition in the European Agenda Interview 3

📍 Room 0B 📅 October 7th ⌚ 10:30 - 11:30

During this session, the European Commission's new sustainable and smart mobility strategy was addressed in detail. It is a strategy that presents an ambitious and necessary vision that includes major advances in terms of alternative, renewable and low-emission fuels, clean vehicles, smart transport systems and connected and automated mobility. A representative of the European Commission's Sustainable and Intelligent Transport Unit addressed this topic.



Iñigo Del Guayo

Chair, Academic Advisory Group (AAG), de la Section on Energy, Environment, Natural Resources & Infrastructure Law (SEERIL) of the International Bar Association (IBA)
INTERVIEWER



Cristina Lobillo

Head of Energy Policy – Directorate-General for Energy, European Union

Click [here](#) to watch the video of the interview

3. Side Events



"Pechakucha" Session: Innovative Solutions in the Mobility Sector



📍 Room 0C 📅 October 6th 🕒 09:30 - 10:40

The Basque Mobility and Logistics Cluster organised this express presentation session where people working in the sector gave dynamic presentations on eight innovative solutions for mobility, smart transport technologies, sustainability and energy efficiency. The aim was to highlight the level of innovation in the sector and how it helps to improve quality of life in cities.

Organised by:



🕒 Click [here](#) to watch the video of the side event

Round-table discussion: "Mobility, a Sector of Sectors".



📍 Room 3A 📅 October 6th 🕒 10:00 - 11:00

The commitment to achieve sustainable, connected, inclusive mobility that offers solutions to be used as services requires a joint effort from all the different stakeholders. The round-table discussion organised by Mobility City discussed the need for alliances and dialogue between various social and economic groups and stakeholders, bearing in mind the changes that have been taking place in mobility. Based on the principles of collaboration, coopetition and coordination, new solutions and services must guarantee joint, efficient and effective responses, aimed at the configuration of a new sector: the mobility sector.

Organised by:



🕒 Click [here](#) to watch the video of the side event

Possible Mobility Scenarios for Bilbao Metropolitan Area by 2035



Room 0C October 6th 13:30 - 14:30

During this session that has been organised and promoted by Bilbao Metropoli-30, the future scenarios of urban mobility were presented, taken from the Strategic Reflection and Analysis of Scenarios, known as "Metropolitan Bilbao 2035. Looking to the future". To conclude, different local experts analysed and reflected on the main challenges cities will have to face in the coming years in relation to urban mobility.

Organised by:



Click [here](#) to watch the video of the side event

The transition of low-emission urban mobility in Latin America; innovative solutions and digital resources



Room 3A October 6th 16:15 - 17:45

This session, organised by FLACMA, in cooperation with the Sustainable Urban Mobility Platform in Latin America MYC / EUROCLIMA+, aims to share the experiences of local governments in Latin America that have implemented or are implementing public policies in favour of sustainable mobility and which represent an innovative solution for their contexts, supported by digital tools were presented. It was also reviewed the functionality of the digital world and its impact on the promotion of accessible, universal and sustainability mobility.

Organised by:



Click [here](#) to watch the video of the side event

Mercociudades and the challenges of the transition towards a new energy model in Latin America



Room 0C October 6th 17:15 - 18:30

During this session organised by Mercociudades, the Mercociudades Network and its strategic partners were presented, setting out the experiences of the new energy models in the Latin American region. Sustainable mobility was discussed in the field of the Network, presenting the experiences of different Latin American cities.

Organised by:



Click [here](#) to watch the video of the side event

Low-Emission Zones: How we transform mobility to improve habitability in our cities



Room 0C October 7th 09:00 - 10:15

The session organised by Connected Mobility Hub discussed about how cities are currently undergoing a time of transformation and paradigm shift, as they inevitably need to define low-emission zones that improve air quality, protect citizens' health and ensure habitability in a context of energy crisis and climate emergency. Leading large companies and startups offered solutions and discussed the main levers and lines of action.

Organised by:



Click [here](#) to watch the video of the side event

Side Events

Zero Net Emissions Fuels: An Alternative for Transportation Decarbonisation



Room 0C

October 7th



10:30 - 11:30

During this session, organised by Repsol, net-zero fuels were presented as a real alternative in order to decarbonise transport. Critical aspects of this option were discussed, such as the origin of these fuels, their potential to cut CO2 emissions, their quality and application. In this regard, the experiences of the first tests carried out in Spain with HVO, a net-zero fuel, were presented. In this pilot project, twelve buses will use this type of fuel for four months and their emissions will be compared to those of electric vehicles. The project aims to show the value of alternative and sustainable fuels, which are able to offer mobility services to large cities.

Organised by:



Click [here](#) to watch the video of the side event



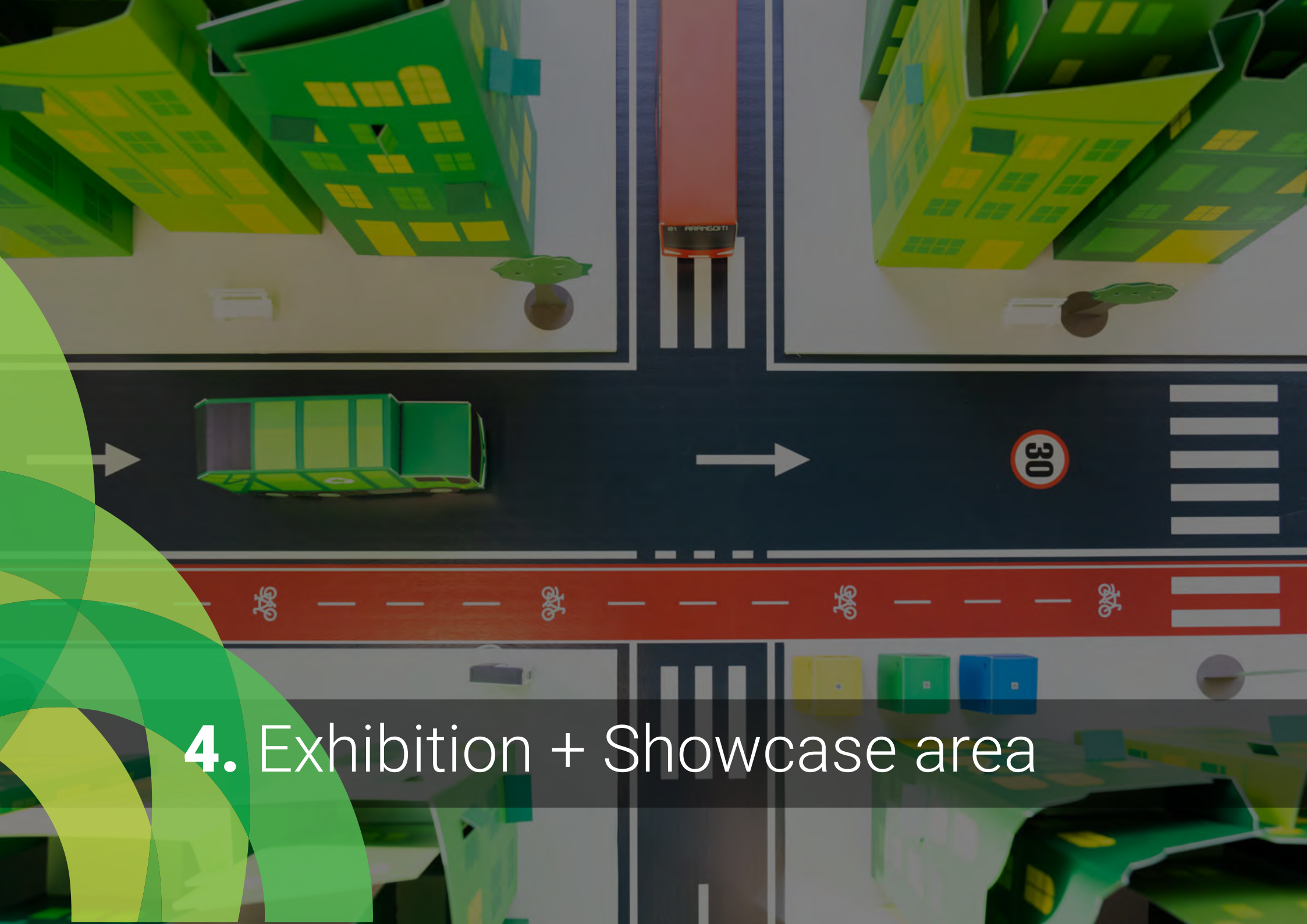
¿Qué son para ti los ecocombustibles?

Cuando en Repsol hablamos de **ecocombustibles**, nos referimos a producir **biocombustibles avanzados** y **combustibles sintéticos** cero emisiones netas



**Repsol Compromiso
Cero Emisiones Netas
2050**

Si quieres saber más
sobre los **ecocombustibles**
entra en repsol.com

A top-down view of a miniature city model. In the center, a dark grey road with white lane markings runs horizontally. A white arrow points to the right in the center lane. To the left of the road, a green and white bus is positioned. To the right, a red circular speed limit sign with the number '30' is visible. Below the road is a red-paved area with white dashed lines and small white bicycle icons, indicating a bike lane. Further down, there are several small, colorful rectangular blocks (yellow, green, blue) and a small grey structure. The background features stylized green and yellow buildings with flat roofs and small windows. A large, semi-transparent green circular graphic is overlaid on the left side of the image.

4. Exhibition + Showcase area

Exhibition

Sponsored neighborhoods



**EUSKO JAURLARITZA
GOBIERNO VASCO**

LURRALDE PLANGINTZA,
ETXEBIZITZA
ETA GARRAIO SAILA
DEPARTAMENTO DE PLANIFICACIÓN
TERRITORIAL, VIVIENDA
Y TRANSPORTES



9

Sponsored neighborhoods

Exhibition digital

Showcase Area

SUM Bilbao 21 | 38

615

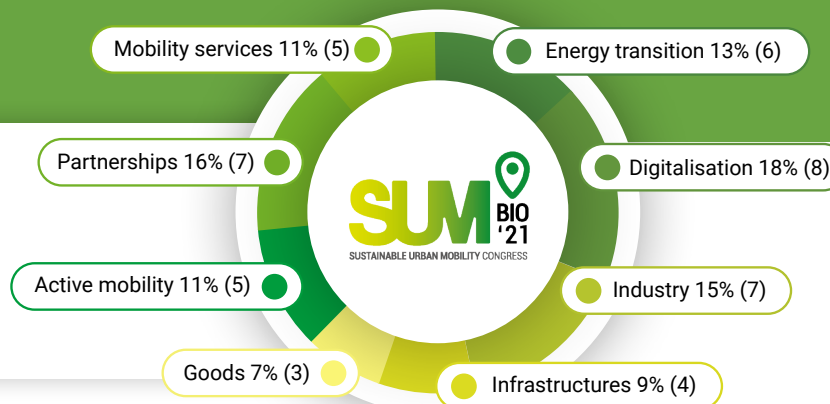
Visits

45

Participants

8

Categories



alsa

Bizkaia
bizkaibus

ELUSKO JAURLARITZA
GOBIERNO VASCO
LURRALDE PLANINGITZA,
E-TRANSITUA
ETA GARRAIO SAILA
DEPARTAMENTO DE PLANIFICACION
Y TRANSITO, URBANISMO
Y TRANSPORTES

Irizar e-mobility
for a better life

kapsch
challenging limits

REPSOL

SEAT S.A.

via

AEDIVE

alterity
ENERGY FOR YOUR FUTURE

NFAC
La Movilidad del Futuro

ASIMOB
advanced services in mobility

AUVE
Asociación de Usuarios de Vehículos Eléctricos

Ayuntamiento
de Las Palmas
de Gran Canaria

AYUNTAMIENTO DE
ROQUETAS DE MAR

bam-bu
BICYCLES

Bilbao Urban
& Cities Design

Castrosua

Ciclogreen

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energy storage

COMPARK MOBILITY

DEPUTACIÓN
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Click [here](#) to watch all the videos of the Showcase Area

5. Declaration of Bilbao



Declaration of Bilbao

Overview



The Declaration of Bilbao is a **document that contains a list of sustainable urban mobility commitments**, bringing together stakeholders which are able and willing to drive the transformation towards a shared vision of what mobility should be like by 2030.

The initiative was launched in 2019 at the first edition of SUM Bilbao. The second version of the Declaration was signed during the 2021 edition, and was **drafted taking into account feedback from sponsors and collaborators of the Congress**. The aim of this was to show that the Declaration wants to bring together different stakeholders to work towards a common vision of mobility, which more and more organisations are now upholding. The result is more than satisfactory: more than 50 organisations joined the Declaration, including companies from various sectors, different government levels, startups, partnerships, technology centres, universities, etc.

Click [here](#) to read the Declaration of Bilbao



Declaration of Bilbao

Commitments

1 Decarbonisation and Sustainable Transport

Foster the supply of renewable energies, improving the supply systems (charging efficiency, storage, etc.) and reducing the carbon footprint in both manufacturing and the use of land, sea and air transport. The goal of these undertakings is to move forward in the mitigation of climate change and improve the air quality of our cities, reducing its impact on the population's health, inequalities and the environment.

2 Technological neutrality and alternatives to fossil fuels

Foster the energy transition in urban mobility from the technological neutrality and carbon neutrality perspective, integrating the electrification of transport, as well as the use of new, sustainable fuels and increasing the supply of charging infrastructures for the new zero-emissions fuels.

3 Regulation

Contribute towards the establishment of simplified regulatory frameworks aligned with global agendas towards sustainable development that are just and realistic, bearing in mind the role of

local and regional governments and the industrial sector as a driving force for territorial socio-economic development while, at the same time, facilitate the deployment of innovative green taxation solutions, low emissions areas, etc. These solutions should address the new tendencies in the sustainable mobility of people and goods, social inclusion and climate change in an efficient and cost-effective way, particularly following the turning point as a result of the impact of COVID-19 on mobility and urban planning.

4 Funding

Support the deployment of public and private funding instruments that stimulate the creation and development of projects aimed at

increasing sustainable urban mobility. This will lead to new opportunities for entrepreneurs, companies and local and regional governments which prioritize the inclusion of social and environmental criteria in their projects, along with the gender perspective, universal accessibility and urban-rural continuation.

5 Just Transition

Foster a just energy transition, or in other words, including equity and solidarity criteria in production methods and energy consumption, supporting the gradual adaptation of those regions, productive sectors and groups most affected by the transformation due to their dependence on fossil fuels and carbon-intensive processes.



Declaration of Bilbao

Commitments

6 Public-Private Alliances

Enter into agreements and collaborate with entities of a diverse nature (public and private) with the aim of improving sustainable urban mobility, from a holistic perspective and throughout the entire value chain. This will be achieved by fostering the co-production and associated management of public policies, joint development of innovative projects, support for the provision of public services at a local level, participation in actions to raise society's awareness, international cooperation and collaboration between different levels of government and within the metropolitan sphere, always respecting

the underlying principle of common and differentiated responsibilities.

7 Energy Efficiency

Foster the efficient use of energy, avoiding excessive consumption and taking advantage of the new technologies that favour its optimisation, both in terms of infrastructures and in different means of transport, from one-person vehicles to mass transport, whilst promoting local energy generation, bearing in mind the safety and well-being of individuals.

8 Inclusive and healthy mobility with a gender perspective

Put people at the heart of urban mobility

systems, particularly vulnerable groups and constantly take into account the gender perspective, thus favouring accessibility, affordability, safety, territorial reach by means of public transport, active mobility (on foot or by bicycle) as a healthy way of getting around and the backbone in adjoining neighbourhoods, as well as health. This latter is fostered through the mitigation of harmful factors, such as noise and air pollution, among others.

9 Smart Mobility

Foster more efficient, sustainable, equitable and safer mobility (zero fatalities) through the new technologies and digitalisation. This will require incorporating travel optimisation criteria in urban planning and favouring connected, multi-modal, autonomous and shared mobility, micro-mobility, smart infrastructures and the connection between the MaaS mobility

services, transport (through intermodal infrastructures) and territories (rural areas, intermediate towns and metropolitan cities). To do so, the use of helpful information in the proactive management of mobility should be encouraged, efficiently adapting demand to supply.

10 Goods Mobility

Optimise the distribution of goods throughout the logistics chain, consolidating a paradigm that responds to citizens' new consumption tendencies and provisioning of commerce. This paradigm shall rely on digitalisation and decision-making based on data in order to foster the balance between goods transport, the new models of mobility for people based on shared, connected, accessible and affordable mobility, and the different uses of public spaces, constantly seeking minimum environmental impact.



Declaration of Bilbao

Signatories



Juan Mari Aburto
Mayor of Bilbao



Antonio Brufau
**President,
Repsol**



Iñaki Arriola
**Minister for Territorial Planning,
Housing and Transport,
Basque Government**



Javier Hurtado
**Minister for Tourism,
Commerce and Consumption,
Basque Government**



Miguel A. Gómez
**Provincial Councillor for Transport
and Sustainable Mobility,
Bizkaia Provincial Council**



Rafaela Romero
**Provincial Councillor for Mobility
and Regional Planning,
Gipuzkoa Provincial Council**



Blanca de la Peña
**Provincial Councillor for Road
Infrastructure and Mobility,
Araba Provincial Council**



Gorka Urtaran
**President of EUEDEL and
Mayor of Vitoria-Gasteiz**

Declaration of Bilbao

Signatories



Nora Sarasola
**Director of Social Welfare Fund,
BBK**



Lucas Casashovas
**Managing Director,
SEAT MO & Casa SEAT**



Iñigo Ansola
**General Manager,
EVE (Basque Energy Agency)**



Emiliano López Atxurra
**President,
Petronor**



Alfonso Gil
**President of the Commission on
Transport, Sustainable Mobility
and Road Safety at FEMP**



Massimo S. Perrino
**Policy Officer, United Cities and
Local Governments (UCLG)**



Gareth MacNaughton
**Director of Innovation,
EIT Urban Mobility**



Jaime Belmar
**Executive Director of the Chilean
Association of Municipalities and
Commissioner for International
Cooperation at FLACMA**

Declaration of Bilbao

Signatories



Marcela Petrantonio
**Secretary of Productive Development
and International Relations in the
Municipality of Tandil, and Executive
Secretary of Mercociudades**



Sergio Baños
**Mayor of Pachuca de Soto
(Mexico)**



Víctor López
**Managing Director,
ALSA**



Txema Otero
**Commercial Director for Spain
& Portugal,
Irizar e-mobility**



Juan Marín
**Urban Mobility Director for Spain &
Portugal,
Kapsch TrafficCom**



Emilio García
**Chief Innovation Officer,
TALGO**



Aitor Arzuaga
**Managing Director, IBIL Charging
Technology and Services**



Mariano Maján Castroviejo
**General Manager for Southern
Europe & Nordics, Via**

Declaration of Bilbao

Signatories



May López
**Director of Development,
Empresas por la Movilidad
Sostenible**



José López-Tafall
**Managing Director,
ANFAC**



Idoia Postigo
**Managing Director,
Bilbao Metropoli-30**



Pedro Mier
**President,
AMETIC**



Jaime Armengol / José Luis Rodrigo
**Managing Director,
Fundación Ibercaja**



Iosu Ramírez
**Managing Partner
LEBER**



Luis Moreno
**Managing Director, CTAG
(Automotive Technology Centre of
Galicia)**



Eduardo Lasa
**Vice President, Basque Mobility
and Logistics Cluster**

Declaration of Bilbao

Signatories



David Sánchez
Industry & Transport Director,
TECNALIA



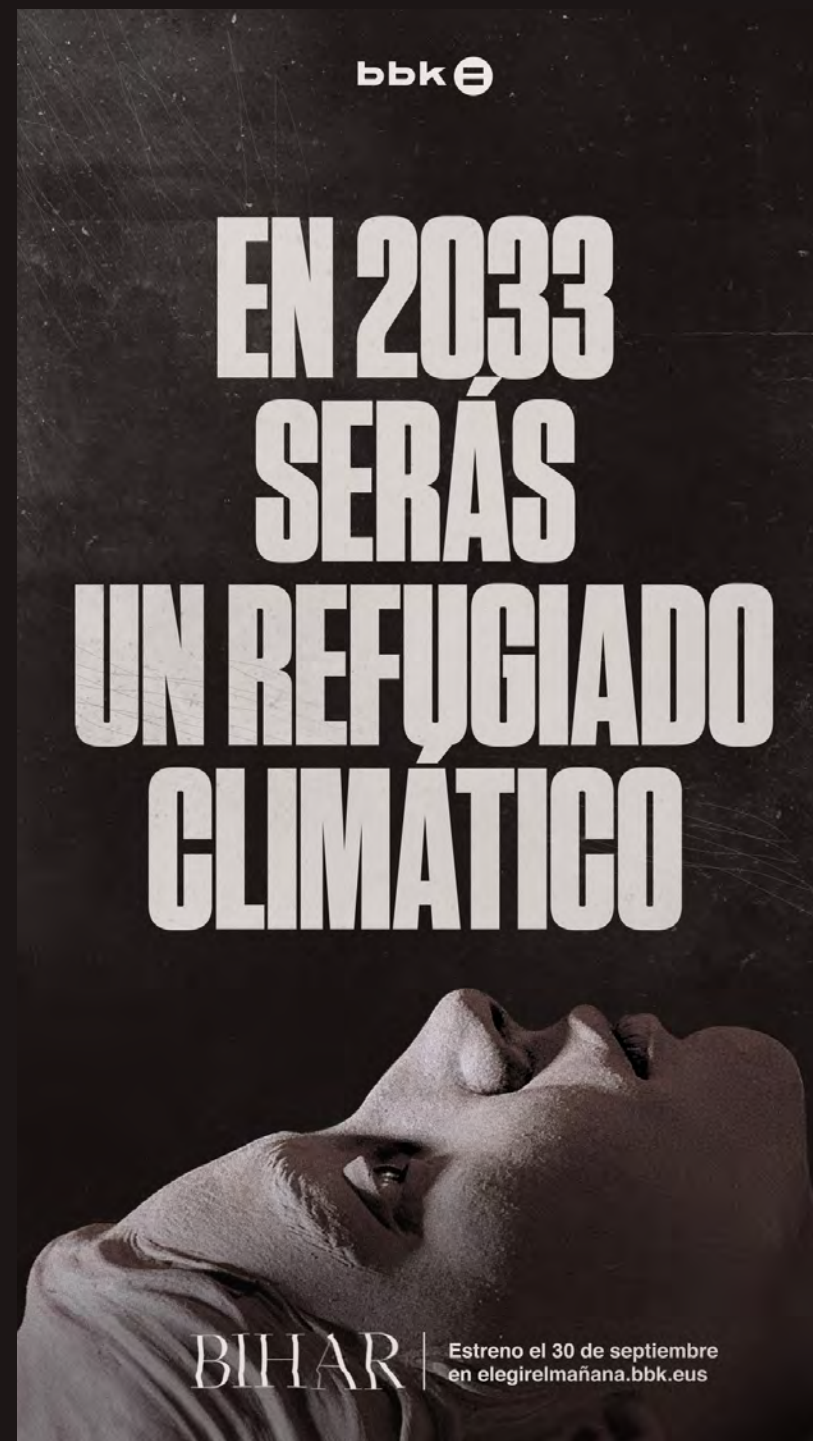
José Carlos Espeso
Mobility Manager,
AECOC



Luis Morales
Head of Public Projects and
External Relations,
Connected Mobility Hub



Click [here](#) to watch the video of the signing of the Declaration of Bilbao





6. Partners

Sponsors

PLATINUM



Repsol is a global multi-energy company that is leading the energy transition with its ambition of achieving zero net emissions by 2050. Present throughout the energy value chain, the company employs 24,000 people worldwide and distributes its products in nearly 100 countries to around 24 million customers.

To achieve zero net emissions by 2050, Repsol is deploying an integrated model of decarbonization technologies based on enhanced efficiency, increased low-emissions power generation capacity, production of low-carbon fuels, development of new customer solutions, the circular economy, and by driving breakthrough projects to reduce the industry's carbon footprint.



BBK, as a banking foundation committed to the development and progress of Bizkaia, has been working in favour of the environment and the region's sustainable development for some time. Among other projects, it has supported the creation of start-ups in Bizkaia that offer refreshing stimuli, funding projects that develop renewable energy generation or foster energy transition.

In this new edition, BBK will participate again as one of the main sponsors in the Platinum category. Its participation is highly significant, as it strengthens the link between sustainable mobility and the financial sector, as well as showing an interest in the fulfilment of the Sustainable Development Goals (SDGs).

Sponsors

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DEPARTAMENTO DE PLANIFICACIÓN
TERRITORIAL, VIVIENDA
Y TRANSPORTES

*Department of Transport
of the Basque
Government*

The Department of Transport of the Basque Government is currently working on the draft bill of the Sustainable Mobility Act. The draft bill establishes a model that is committed to active mobility (on foot or by bicycle), promoting public transport over private vehicles, the interoperability of public transport tickets in an integrated intermodal system, promoting a sustainable mobility approach based on urban planning, and promoting rail transport. At the SUM BIO21, we shall bring together representatives from the public, private, business and academic sectors to share and contribute ideas and knowledge. Only then will we be able to build the mobility of the future from a sustainable perspective



ALSA

As a multi-modal, sustainable and connected company, Alsa shares a common objective with the society, the administrations and the operators to move forward towards a more sustainable mobility, contributing to a better-quality environment in our cities and regions, as established by the ODS and the Green Deal launched by the EU to reach neutrality of emissions by 2050. With this challenge ahead, Alsa is committed to lead and be a benchmarking company in the transition period to zero-emission fleets.

As a Bilbobus and Bizkaibus operator, Alsa must have a presence in this new edition of SUM Bilbao to present its successful experiences in the electric mobility area, as in the case of Bilbao, and its projects in hydrogen buses, a technology that will be playing a key role in the green transition and the mobility of the future.

Sponsors
GOLD

Bilbobus

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Irizar e-mobility

Sustainable mobility is an essential factor in the energy transition and in the fulfilment of the SDGs and the 2030 Agenda. Therefore, Irizar e-mobility continues designing and manufacturing turnkey electromobility solutions for sustainable, efficient, smart, accessible, safe and connected public transport.

Firmly committed to sustainability and the environment, its goal is to reduce noise emissions, pollutants and CO2 emissions to create clean cities and improve people's quality of life. Irizar e-mobility is proud to be present again in this second edition of SUM Bilbao; a congress whose main topics are fully aligned with its strategy.



Bizkaibus

Bizkaibus is the public road transport service managed by Bizkaia Provincial Council. It connects the province of Bizkaia thanks to an effective network of inter-urban routes, with a constant increase in recent years of the number of passengers and kilometres travelled.

Bizkaibus has one of the most sustainable, efficient and modern fleets in Spain, comprised of 338 buses with an average age of 5.6 years, and 12% of which are hybrid. Bizkaibus has also launched the tender for 5 electric vehicles for 2022 after the tests carried out this year. All this as part of the commitment by the provincial department of Transport and Sustainable Mobility to cleaner and more environmentally-friendly mobility in Bizkaia.

Sponsors

SILVER



IBIL was set up in 2009 as a result of an agreement between Repsol and the Basque Energy Agency (EVE) in order to develop electric vehicle charging technology, services and capacities and to shape sustainability initiatives. Today, IBIL is the leading company in electric vehicle charging technology in Spain and Portugal. Through its industrial technological vocation, IBIL heads an ecosystem made up of technology providers, manufacturers of charging points, service suppliers and key players in electric mobility to guarantee the best service for its customers and hence contribute towards organised and efficient energy transition.



Kapsch TrafficCom is a globally renowned provider of transportation solutions for sustainable mobility. Innovative solutions in the application fields of tolling, tolling services, traffic management and demand management contribute to a healthy world without congestion. International organizations, cities, states, road operators, and automobile manufacturers have set themselves the goal of reducing emissions caused by vehicles. Kapsch TrafficCom is proud of contributing to this goal by developing and implementing advanced traffic technologies and mobility solutions.

We have a clear goal in mind; by offering cutting-edge mobility solutions in the field of traffic, Kapsch TrafficCom is pursuing a clear vision: to help people get from A to B – comfortably, safely, efficiently, and on time. Throughout the entire value chain, we focus on sustainability and ways to protect the environment.



SEAT is committed to the environmental objectives set out in the Paris Agreement. To this end, the company has launched the global corporate mission Move to ZERØ, which entails a global strategy to decarbonise all mobility products and solutions throughout their lifecycle – from design, procurement of raw materials and production to the end of their life. It also includes the objective of contributing to the improvement of air quality driven by the electrification of the range and an efficient management of the waste.

SEAT consolidated its commitment to urban mobility and its contribution to designing the most sustainable cities of the future with the creation of SEAT MÓ in 2020. With this new business unit, the brand aims to respond to the new mobility needs of cities, with 100% electric, noise-free, accessible and

Sponsors SILVER



Gipuzkoako
Foru Aldundia
Mugikortasuneko eta Lurralde
Antolaketako Departamentua



ETORKIZUNA
ORAIN



Building a connected and sustainable Gipuzkoa, with citizens at the center of decisions is the premise under which the day-to-day operations of the General Directorate of Mobility are managed. Sustainable mobility, the use of public transport and intermodality are the main objectives of this department to guarantee greater effectiveness and efficiency in the exercise of the fundamental right of mobility and advance in the parameters of democratic, inclusive, egalitarian and safety, sustainability and ecological.

MUGI is the tool that guarantees equity and equality to move around and access public services regardless of where you live and the resources you have.

Via reimagines how people move. We're the first TransitTech company to offer a flexible, end-to-end platform that serves the needs of modern communities across the public and private sectors.

Via works with 500+ partners worldwide to plan, operate, and optimize their transportation networks. Whether your needs fall under planning, operations, fleet management, services, rider experience, or infrastructure – Via has the solutions to help you achieve your vision and build better transportation for your community.

Main Partners



Lead partner

The participation of UCLG (United Cities and Local Governments) at SUM Bilbao 21 falls into the need for cities to lead public-private dialogue on mobility in order to create synergies between the different stakeholders so as to move from commitment to action.

UCLG is the largest organisation of local and regional governments responsible for defending and amplifying their voices. Its participation is extremely important, not only because it represents more than half of the global population, but also because it is an organisation that is committed to dialogue, cooperation, and knowledge exchange in spaces like SUM Bilbao 21, to advance in the fulfilment of the Sustainable Development Goals (SDGs) and ensure that all citizens can access basic services, such as mobility and energy.



Lead partner

The Spanish Federation of Municipalities and Provinces (FEMP) is an organisation committed to environmental, economic and social sustainability.

Aware of the fact that society is calling for a healthier life in a more sustainable world, it is important for FEMP that local governments participate in the design of more sustainable and cleaner mobility that incorporates the state-of-the-art technology to respond to new ways of movement.

FEMP will participate in SUM Bilbao again as a Lead Partner. Thanks to its support, SUM will be the meeting point for local leaders of Spanish municipalities to reaffirm their commitment to sustainable urban mobility.

Main Partners



Lead partner

EUDEL is the benchmark of Basque municipalism. Since it was founded in 1982, it has been a valid and effective liaison for Local Councils and other institutions in the coordination and consensus of public policies.

Its main mission is to facilitate a common meeting space that represents the general interests of Local Governments.

EUDEL works to facilitate the connection with Europe, raising awareness of the actions and good practices of Basque municipalities, and participating in the definition of European policies that address the Basque Country's interests. At European level, EUDEL represents Basque local authorities on the Council of European Municipalities and Regions (CEMR) and on the Council of Europe's Congress of Local and Regional Authorities (CLRAE).



Co-funded by the
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Institutional partner

EIT Urban Mobility, an initiative of the European Institute of Innovation and Technology (EIT), a body of the European Union, aims to accelerate solutions and the transition towards a user-centric, integrated and truly multimodal transport system. As the leading European innovation community for urban mobility, EIT Urban Mobility works to avoid fragmentation by facilitating collaboration between cities, industry, academia, research and innovation to solve the most pressing mobility challenges of cities.

Using cities as living labs, its industry, research and university partners will demonstrate how new technologies can work to solve real problems in real cities by transporting people, goods and waste in smarter ways.

Strategic partners



+ Partners

Event partners



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Media partners

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31 DÍAS PARA PROMOVER UN MEJOR FUTURO URBANO



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SUSTAINABLE
URBAN MOBILITY
CONGRESS

*connecting, people, institutions,
business and goods*



REPORT

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