



EESAP15

INTERNATIONAL CONFERENCE 2024

22-23 OCTOBER

DONOSTIA / SAN SEBASTIÁN

International Conference on
Energy Efficiency and Sustainability
in Architecture and Urbanism

Arkitekturako eta Hirigintzako Energia
Eraginkortasunari eta Jasangarritasunari
buruzko Nazioarteko Kongresua

Congreso Internacional sobre
Eficiencia Energética y Sostenibilidad
en Arquitectura y Urbanismo

SCHEDULE

ORDUTEGIA

HORARIO

inscriptions



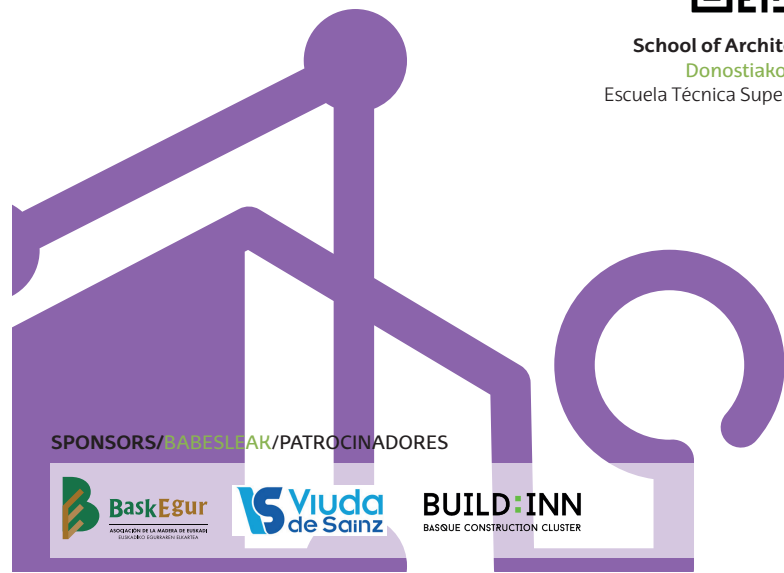
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Donostiako Arkitekturako Goi Eskola Teknikoa
Escuela Técnica Superior de Arquitectura de San Sebastián



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First day schedule - Building scale - Tuesday, October 22th, 2024

09:30 Opening of the conference

09:45 **INAUGURAL PRESENTATION**

10:30 URBAN STRATEGIES: FROM PLAN TO PROJECT THANKS TO CITIZEN INVOLVEMENT

María del Carmen Peña - *President of the CIEDES Foundation of Malaga*

----- 11:00 -11:30 Coffee break -----

11:30 **COMUNICATIONS** **Bany Issa, Mohammad A.** -

15' *The Impact of Grid-Connected Battery Storage Systems on Electrical Grid Variables.*

Anton Iglesias, Natividad -

15' *Structural application of wind turbine blades in buildings, a new advance in the circular economy.*

Martin Goñi, Paula -

15' *Energetic and functional rehabilitation of residential buildings in Europe.*

Lorenzo López, Antonia María -

15' *Water reuse for vertical ecosystems: a Circular Economy experience in the city of Malaga.*

12:30 **QUESTIONS AND ROUND TABLE**

----- 13:30 Lunch -----

15:00 THE LOST ENERGY, THE COLOR OF ENERGY

Francisco Javier Neila González - *Emeritus Professor of the Department of Construction and Architectural Technology at the ETS Arquitectura of the UPM*

15:45 **COMUNICATIONS** **Rey Martínez, Francisco Javier** -

15' *Circular Economy Practices in a Nearly Zero Energy Building (nZEB) on a University Campus.*

Braulio Gonzalo, Marta -

15' *How is circularity being implemented in the Public Procurement buildings?*

González Herrera, Irina - *Cultivating the future:*

15' *innovation and sustainability in indoor vertical farming for the cities of tomorrow.*

Santana Nuñez, Melary - *Citizen participation in Energy Communities: Legal forms in which*

15' *citizens are organized to promote the sustainable consumption and production of energy.*

Martínez de Iturrate Vicente, Javier -

15' *Building Sustainability: Innovation in Concrete Utilizing Agro-Industrial Waste*

17:00 **QUESTIONS AND ROUND TABLE**

Conclusions and day closing

----- 18:00 Session end -----

Second day schedule - Urban scale - Wednesday, October 23th, 2024

Opening of the day 09:00

INCLUSION AND GENDER IN PARTICIPATORY AND DELIBERATIVE PROCESSES IN BOLOGNA 09:30

Noemí Julián Villar - *Architect and Project Manager of the Area Policy Design, Ricerca e Rapport with the Università de Fondazione Innovazione Urbana*

Garrachón Gómez, Elena - *Study of thermal comfort through the Sky View Factor and the Mean Radiant Temperature in the city of Burgos, Spain.* 15' **COMUNICATIONS**

Ros Garcia, Juan Manuel - *Multisensory Urban Art Parks (MUAP)* 15'

Ochoa Sosa, Luis Manuel - *Chamba para todos* 15'

Bellota Noguera, Bruno - *Prospective and artificial intelligence as tools for designing sustainable utopian scenarios for the Barrio Santa Julia in Mexico City.* 15'

----- 11:15 - 11:45 Coffee break -----

THE ROLE OF LIVING LABS IN THE ENERGY TRANSITION 11:45

Ellen van Bueren - *Prof. Dr. Technische Universiteit Delft*
CLOSING PRESENTATION

QUESTIONS AND ROUND TABLE 12:45

----- 13:30 Lunch -----

15:30 **WORKSHOP**

WORKSHOP

----- 18:00 Session end -----



09:30	Jardunaldiaren irekiera
09:45	INAUGURAZIO AURKEZPENA
10:30	HIRI ESTRATEGIAK: PLANETIK PROIEKTURA HERRITARREN INPLIKAZIOARI ESKER María del Carmen Peña - Malagako CIEDES Fundazioko presidentea

----- 11:00 -11:30 Atsedenaaldia -----

KOMUNIKAZIOAK	11:30	Bany Issa, Mohammad A. - 15' <i>The Impact of Grid-Connected Battery Storage Systems on Electrical Grid Variables.</i>
	15'	Anton Iglesias, Natividad - 15' <i>Structural application of wind turbine blades in buildings, a new advance in the circular economy.</i>
	15'	Martin Goñi, Paula - 15' <i>Energetic and functional rehabilitation of residential buildings in Europe.</i>
	15'	Lorenzo López, Antonia María - 15' <i>Water reuse for vertical ecosystems: a Circular Economy experience in the city of Malaga.</i>
	12:30	GALDERAK ETA MAHAI INGURUA

----- 13:30 Bazkari atsedenaaldia -----

15:00	GALDUTAKO ENERGIA, ENERGIAREN KOLOREA Francisco Javier Neila González- Eraikuntza eta Teknologia Arkitektonikoen Saileko irakasle emeritua UPMko Arkitektura Goi Eskola Teknikoan
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KOMUNIKAZIOAK	15:45	Rey Martínez, Francisco Javier - 15' <i>Circular Economy Practices in a Nearly Zero Energy Building (nZEB) on a University Campus.</i>
	15'	Braulio Gonzalo, Marta - 15' <i>How is circularity being implemented in the Public Procurement buildings?</i>
	15'	González Herrera, Irina - Cultivating the future: innovation and sustainability in indoor vertical farming for the cities of tomorrow.
	15'	Santana Nuñez, Melary - Citizen participation in Energy Communities: Legal forms in which citizens are organized to promote the sustainable consumption and production of energy.
	15'	Martínez de Iturrate Vicente, Javier - 15' <i>Building Sustainability: Innovation in Concrete Utilizing Agro-Industrial Waste</i>

17:00	GALDERAK ETA MAHAI INGURUA <i>Ondorio nagusiak eta egunaren itxiera</i>
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----- 18:00 Saio amaiera -----

Egunaren irekiera	09:00
INKLUSIOA ETA GENEROA BOLONIAKO PARTE-HARTZE ETA DELIBERAZIO PROZESUETAN	09:30
Noemí Julián Villar - Policy Design, Ricerca e Rapport arloko arkitekta eta Project Managera, Fondazione Innovazione Urbana Unitatea	

Garrachón Gómez, Elena - Study of thermal comfort through the Sky View Factor and the Mean Radiant Temperature in the city of Burgos, Spain.	10:15	KOMUNIKAZIOAK
15'		
Ros Garcia, Juan Manuel - Multisensory Urban Art Parks (MUAP)	15'	
15'		
Ochoa Sosa, Luis Manuel - Chamba para todos	15'	
Bellota Noguera, Bruno - Prospective and artificial intelligence as tools for designing sustainable utopian scenarios for the Barrio Santa Julia in Mexico City.	15'	

----- 11:15 - 11:45 Atsedenaaldia -----

LIVING LAB-EN ROLA TRANTSIZIO ENERGETIKOAN	11:45
Ellen van Bueren - Technische Universiteit Delft irakasle doktorea AMAIERAKO AURKEZPENA	

GALDERAK ETA MAHAI INGURUA	12:45
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----- 13:30 Bazkari atsedenaaldia -----

	15:30
TAILERRA	

----- 18:00 Saio amaiera -----

Horario del primer día - Escala edificatoria - Martes, 22 de octubre, 2024

09:30 Apertura del congreso

09:45 **PRESENTACIÓN INAUGURAL**

10:30 ESTRATEGIAS URBANAS: DEL PLAN AL PROYECTO GRACIAS A LA IMPLICACIÓN CIUDADANA

María del Carmen Peña - *Presidenta de la Fundación CIEDES de Málaga*

----- 11:00 -11:30 Pausa -----

11:30 **COMUNICACIONES** **Bany Issa, Mohammad A. -**

15' *The Impact of Grid-Connected Battery Storage Systems on Electrical Grid Variables.*

Anton Iglesias, Natividad -

15' *Structural application of wind turbine blades in buildings, a new advance in the circular economy.*

Martin Goñi, Paula -

15' *Energetic and functional rehabilitation of residential buildings in Europe.*

Lorenzo López, Antonia María -

15' *Water reuse for vertical ecosystems: a Circular Economy experience in the city of Malaga.*

12:30 **PREGUNTAS Y MESA REDONDA**

----- 13:30 Pausa comida -----

15:00 LA ENERGÍA PERDIDA, EL COLOR DE LA ENERGÍA

Francisco Javier Neila González - *Profesor Emérito del Departamento de Construcción y Tecnología Arquitectónicas en la ETS Arquitectura de la UPM*

15:45 **COMUNICACIONES** **Rey Martínez, Francisco Javier -**

15' *Circular Economy Practices in a Nearly Zero Energy Building (nZEB) on a University Campus.*

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Santana Nuñez, Melary - *Citizen participation in Energy Communities: Legal forms in which*

15' *citizens are organized to promote the sustainable consumption and production of energy.*

Martínez de Iturrate Vicente, Javier -

15' *Building Sustainability: Innovation in Concrete Utilizing Agro-Industrial Waste*

17:00 **PREGUNTAS Y MESA REDONDA**

Conclusiones y cierre del día

----- 18:00 Fin de la sesión -----

Horario del segundo día - Escala urbana - Miércoles, 23 de octubre, 2024

Apertura del día 09:00

INCLUSIÓN Y GÉNERO EN LOS PROCESOS PARTICIPATIVOS Y DELIBERATIVOS EN BOLONIA 09:30

Noemí Julián Villar- *Arquitecta y Project Manager del Area Policy Design, Ricerca e Rapport con l'Università de Fondazione Innovazione Urbana*

Garrachón Gómez, Elena - *Study of thermal comfort through the Sky View Factor and the Mean Radiant Temperature in the city of Burgos, Spain.* 15' **COMUNICACIONES**

Ros Garcia, Juan Manuel - *Multisensory Urban Art Parks (MUAP)* 15'

Ochoa Sosa, Luis Manuel - *Chamba para todos* 15'

Bellota Noguera, Bruno - *Prospective and artificial intelligence as tools for designing sustainable utopian scenarios for the Barrio Santa Julia in Mexico City.* 15'

----- 11:15 - 11:45 Pausa -----

EL ROL DE LOS LIVING-LAB EN LA TRANSICIÓN ENERGÉTICA 11:45

Ellen van Bueren - *Prof. Dr. Technische Universiteit Delft*
PONENCIA CLAUSURA

PREGUNTAS Y MESA REDONDA 12:45

----- 13:30 Pausa comida -----

15:30 **TALLER**

TALLER

----- 18:00 Fin de la sesión -----