

Jornada "Construcción Industrializada: Clave para una Edificación Sostenible y Certificada"

Presencial & Streaming

Fecha: 13 de junio

Horario: 10h a 13h

Lugar: C/ Wellington 19 - Barcelona (ITeC)

Inscripción gratuita: www.bioeconomic.es

Patrocinada por:

TRESPA®

Participantes:



Generalitat de Catalunya
Institut Català d'Energia

011h

ACCELERATING
LOW-CARBON
CONSTRUCTION



HISPALYT
CERÁMICA PARA CONSTRUIR



wieland



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ITEC presentation

Q3 2025



¿POR QUÉ?

Misión

Industrialización / Digitalización / Bajo Carbono

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“NO ES MÁS CARO”

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“NO ES MÁS CARO”

¡Sí se puede!

meeting objectives

1⁺

share where we are
as a company

2⁺

how⁺ we work

3⁺

projects

1

Why 011h



value proposal



Cost: competitive and reliable through Design & Build

Guaranteeing costs and construction times at the source of the investment



30% reduction in D&B time

Improving the IRR
(Dsgn: -50% mts;
Cntr: 30%)



50-60% reductions in CO2 emissions in our buildings

Complying with strict regulatory measures on sustainability



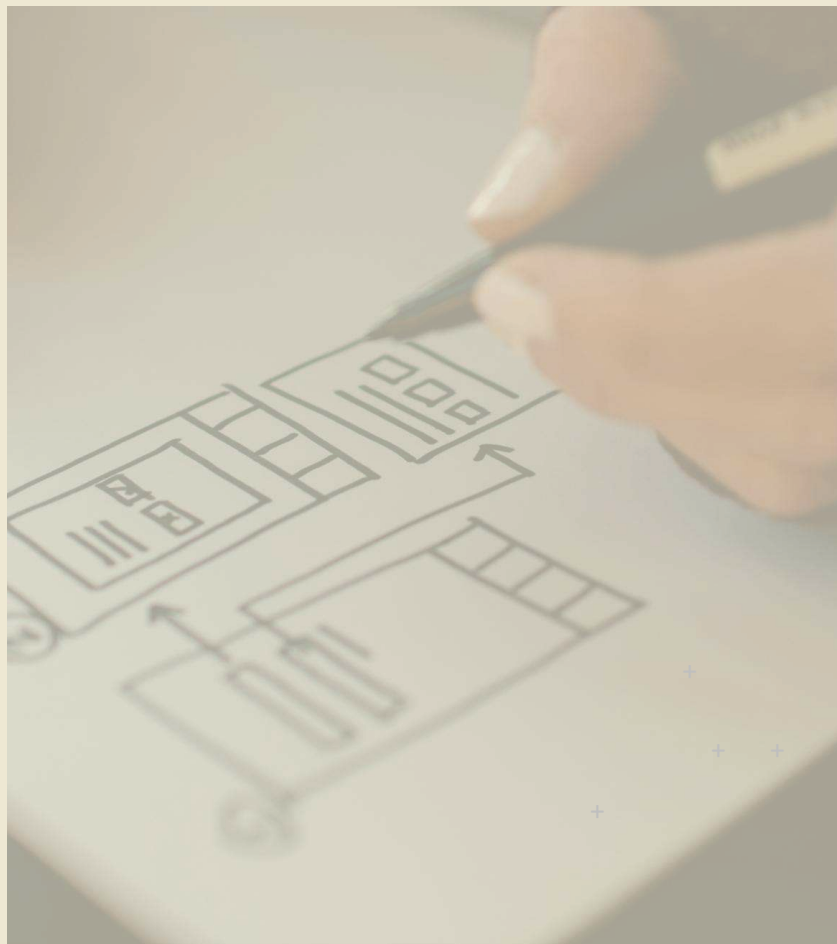
Digitalization

Reliability through our digital tools focus on optimization



2

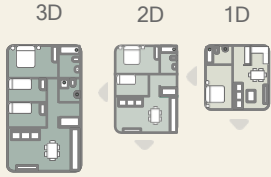
How we work



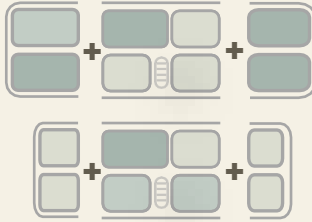
design & built

DESIGN

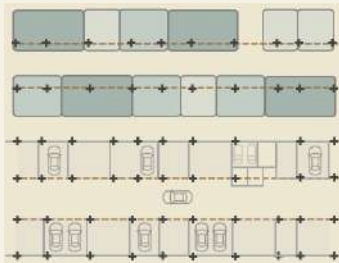
1 Typology



2 Mix



3 Adapted structure



PRODUCT

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BUILT: suplychain & execution

1 Industrialized elements



2 Travelling solutions

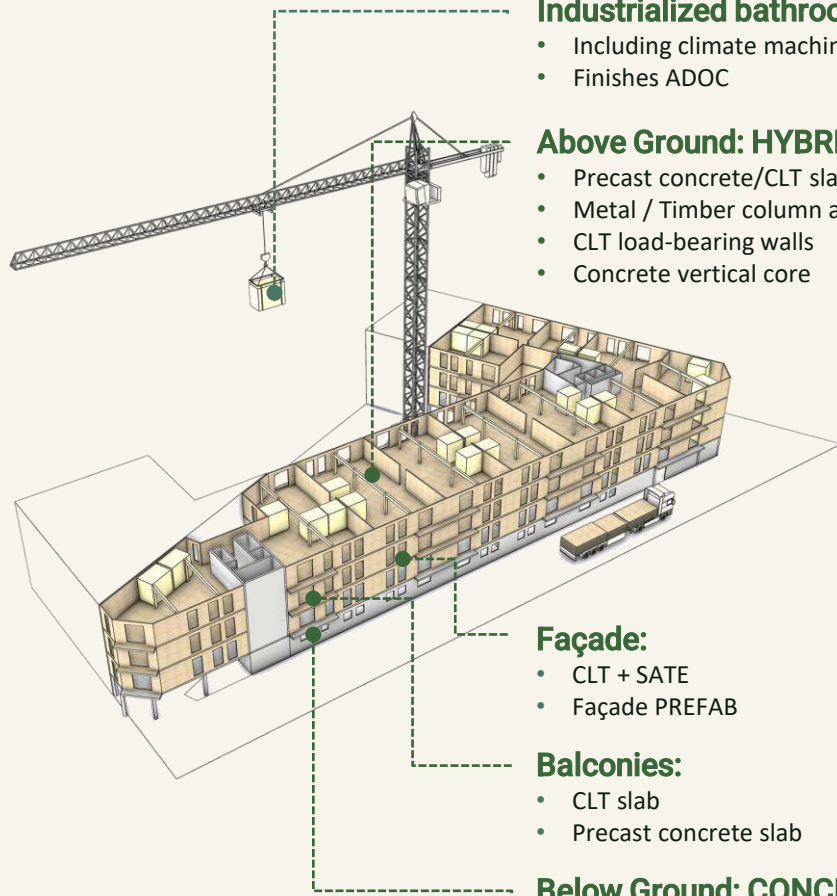


3 Efficient & reliable assembly



+

4 Post-assembly & finishes



Industrialized bathrooms

- Including climate machine
- Finishes ADOC

Above Ground: HYBRID STR.

- Precast concrete/CLT slab
- Metal / Timber column and beam
- CLT load-bearing walls
- Concrete vertical core

Façade:

- CLT + SATE
- Façade PREFAB

Balconies:

- CLT slab
- Precast concrete slab

Below Ground: CONCRETE

- Prefabricated
- Insitu

integration of prefabricated solutions

Affordable housing

1,26 cons./útil.

1090 €/m²

17 meses

430 KgCO₂e/m²

Build to sell living

1,28 cons./útil.

1190 €/m²

17 meses

400 KgCO₂e/m²

Alternative – living / Hotel

1,28 cons./útil.

1380 €/m²

15 meses

390 KgCO₂e/m²

30-70%

Industrialized

Saved 2-4 months

Bathpods



STR. Abobe gr.



Façade



Vertical core



working with top providers

Estructura HP



Estructura CLT



Fachada prefab.



Bathpod



MEP



Patinillos

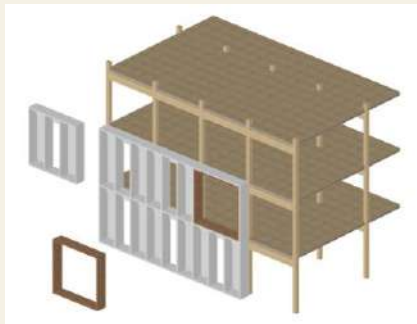


developing new products

Estructura HP



Fachada P



Columnas MEP

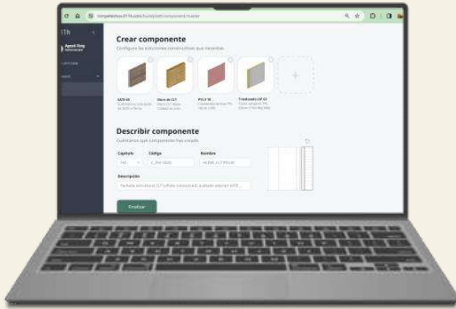


Patinillos Modulares



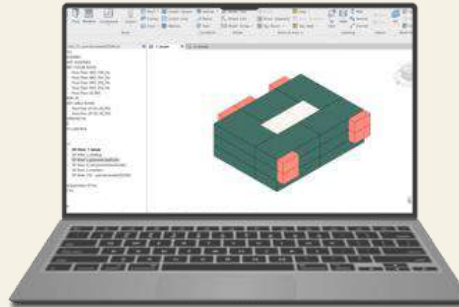
software. enabling cost, time and CO2

Supplier portal



Wizard to **convert building solutions into digital entities**

Designer toolkit



Revit® plugin ⁽¹⁾ to enhance design through a **library of building solutions and tools**

Builder



Post-it-like **dashboard** and **AI-enabled chatbot**, transitioning **lean construction** to the digital realm

3

projects



working with top players

Ongoing Project /
Completed Project



CULMIA



WIP



Olivé &
Partners



France



Architects



Project Budget Started / Year

2024: 20 MN

2025: 40-50Mn€

2026: +70Mn€



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CREATING
CONNECTION

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THE SUSTAINABLE
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Gracias

Business Dev. Team

Guillermo Prudenciano

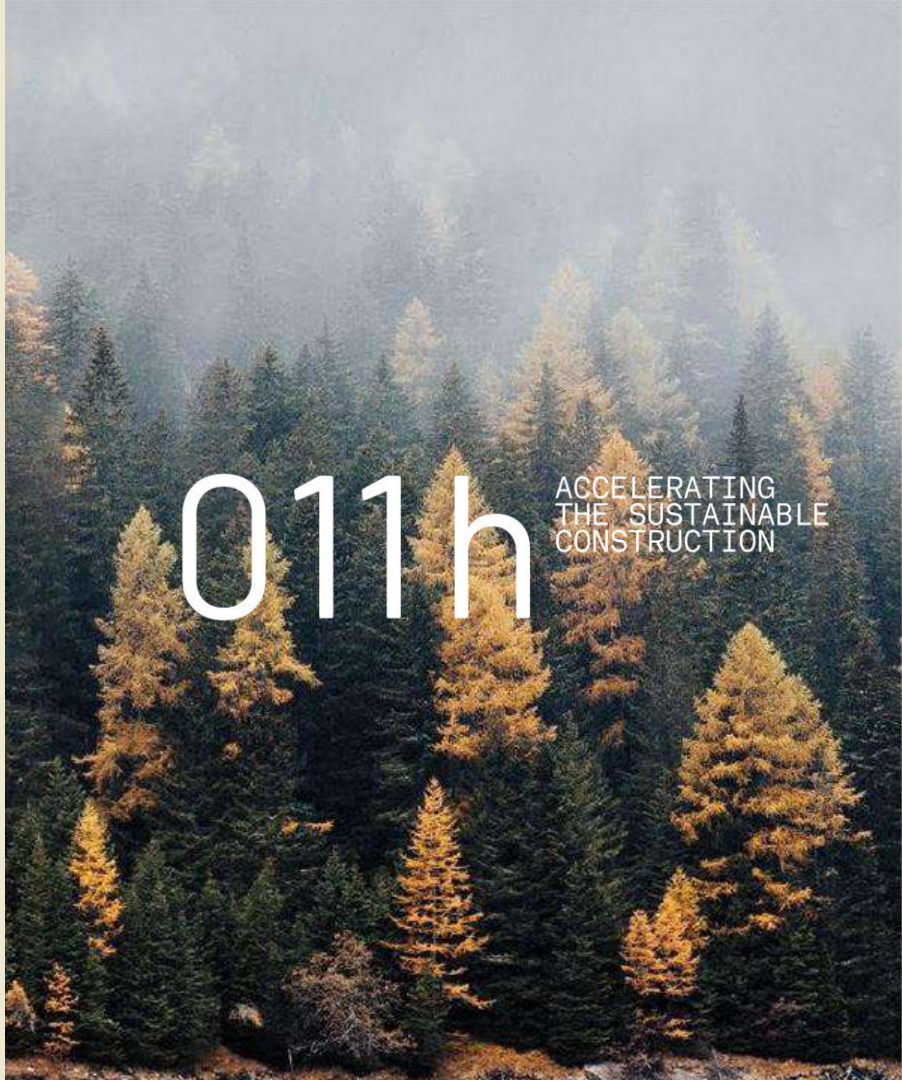
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