



U-CERT

User-Centred Energy Performance
Assessment and Certification

Supported by U-CERT's Deliverable D3.2

Proposed set of user-centred and effective indicators integrated in a dynamic EPC



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User-Centred Energy Performance
Assessment and Certification



U-CERT roadshow

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Pablo Carnero

pcarnero@five.es



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Proposed set of

user-centred and effective indicators



integrated in a **dynamic EPC**



Pablo Carnero

Energy Engineer.

Researcher and Project Manager at
R&D&i Department

pcarnero@five.es



What?

U-CERT proposes a set of **added value holistic indicators** contributing to the rebirth of next generation EPB Assessments.

Also, it designs a **new, dynamic, and user-centred EPC report**.



More information

Deliverable 3.2



How?

Learning from the **ethnographic research** performed at each partner country.

More information

Deliverable 2.3

- **Needs and expectations** of expert and non-expert users.

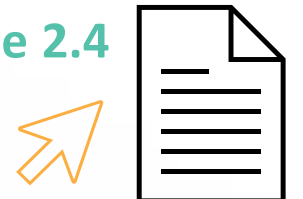


Leveraging the **indicator mapping** performed at market level.

- Identification of paths towards **holistic indicators**.

More information

Deliverable 2.4



Briefing findings

- Make energy more intuitive and influence behaviour of users.

Indicators covering **health, safety, convenience, well-being,** and **comfort** are valued by final users.

- Accommodate a wide scope of use.

Offer **several levels of complexity of user interface**.

Develop **a modular design** in combination with **digitalisation**.

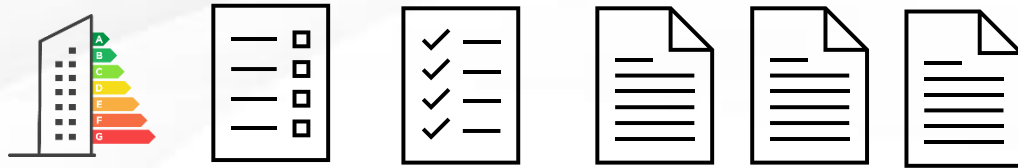
Consider variable **building situation**.

U-CERT's EPC structure

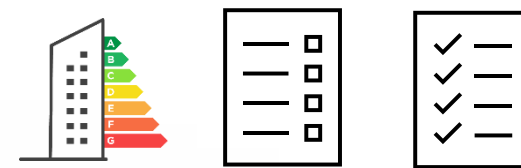
U-CERT's EPC is built to behave as a **repository of indicators** and **complementary data**.

Depending on the type of user, some or all the information is disclosed.

Expert user



Non-expert user



Indicators

U-CERT Certification Scheme considers **four dimensions** of indicators:

- **Energy performance.**
- **Indoor Environmental Quality.**
- **Smart Readiness.**
- **Cost.**

Their inclusion in U-CERT's EPC report is sensitive to the assessment type:

Category	Indicators	Included in U-CERT's EPC	
		Calculated	Measured
Energy Performance	Overall EP indicators	X	X
	Partial EP indicators	X	-
Smart Readiness	SRI	X	-
IEQ	ALDREN Thermal score	X	-
Cost	Cost	-	X

Issue Date: [insert text here]
Building Reference: [insert text here]
Software used: [insert text here]



EPB Assessor name: [insert text here]
EPC Reference: [insert text here]
[\[link to EPC database\]](#)

Calculated EPB Assessment

Building Information

Name: [insert text here]
Address: [insert text here]
Municipality: [insert text here]
Postal Code: [insert text here]
Region: [insert text here]
Country: [insert text here]
Cadastral Ref.: [insert text here]

Building Situation: [insert text here]
Year of Construction: [insert text here]
Previous Interventions: [insert text here]
Object Type: [insert text here]
Building Category: [insert text here]
Building Ref. Area: [insert text here]



User's report



Thermal Score

Season	Occupied (h)	Score
Winter	[Value]	1.9
Summer	[Value]	2.8
Aut./Spring	[Value]	2.7
Total:	[Value]	2.5



Assessor Information

Name: [insert text here]
ID: [insert text here]
Company name: [insert text here]
Company ID: [insert text here]
Email: [insert text here]
Phone: [insert text here]

Address: [insert text here]
Municipality: [insert text here]
Postal Code: [insert text here]
Region: [insert text here]
Country: [insert text here]

U-CERT's EPC Report



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Building Reference: [insert text here]
Software used: [insert text here]



EPB Assessor name: [insert text here]
EPC Reference: [insert text here]

[\[link to EPC database\]](#)

Calculated EPB Assessment

Building Information

Name: [insert text here]
Address: [insert text here]
Municipality: [insert text here]
Postal Code: [insert text here]
Region: [insert text here]
Country: [insert text here]
Cadastral Ref.: [insert text here]



Professional's report

Building Situation: [insert text here]
Year of Construction: [insert text here]
Previous Interventions: [insert text here]
Object Type: [insert text here]
Building Category: [insert text here]
Building Ref. Area: [insert text here]



Thermal Score

Season	Occupied (h)	Score
Winter	[Value]	1.9
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Atecyr

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consulting**



EnEffect



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DE INVESTIGACIÓ



U-CERT
User-Centred Energy Performance
Assessment and Certification

REHVA
Federation of
European Heating,
Ventilation and
Air Conditioning
Associations

**TAL
TECH**

tipee

AICARR
Cultura e Tècnica per Energia Usada e Ambiente