

UNIVERSITÀ
DEGLI STUDI
DI TRIESTE

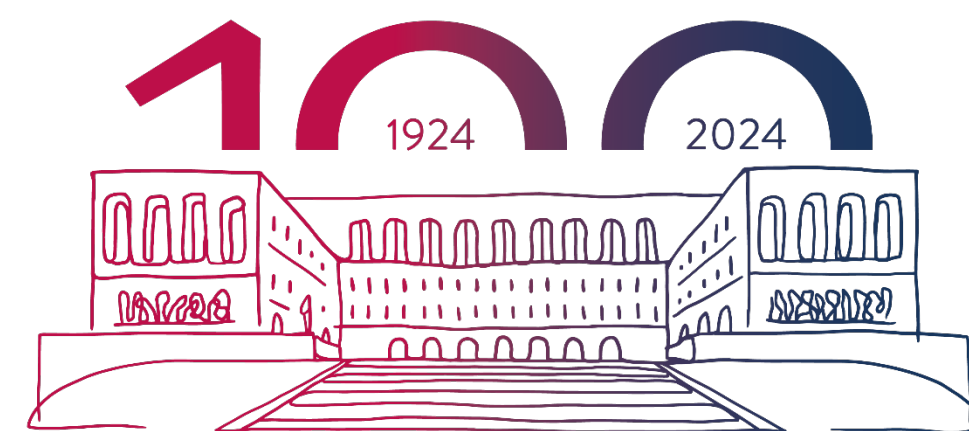
SOCIETÀ, TERRITORIO E TRANSIZIONE ENERGETICA
Dipartimento di Scienze Politiche e Sociali

CODA

PROSPETTIVA DI RICERCA I

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LEZIONE 18
21 MAGGIO 2024



**UNIVERSITÀ
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CITTÀ, TERRITORI,
DISEGUAGLIANZE, COMUNITÀ

✓ Società, territori, transizioni

✓ Sguardi critici e complessità



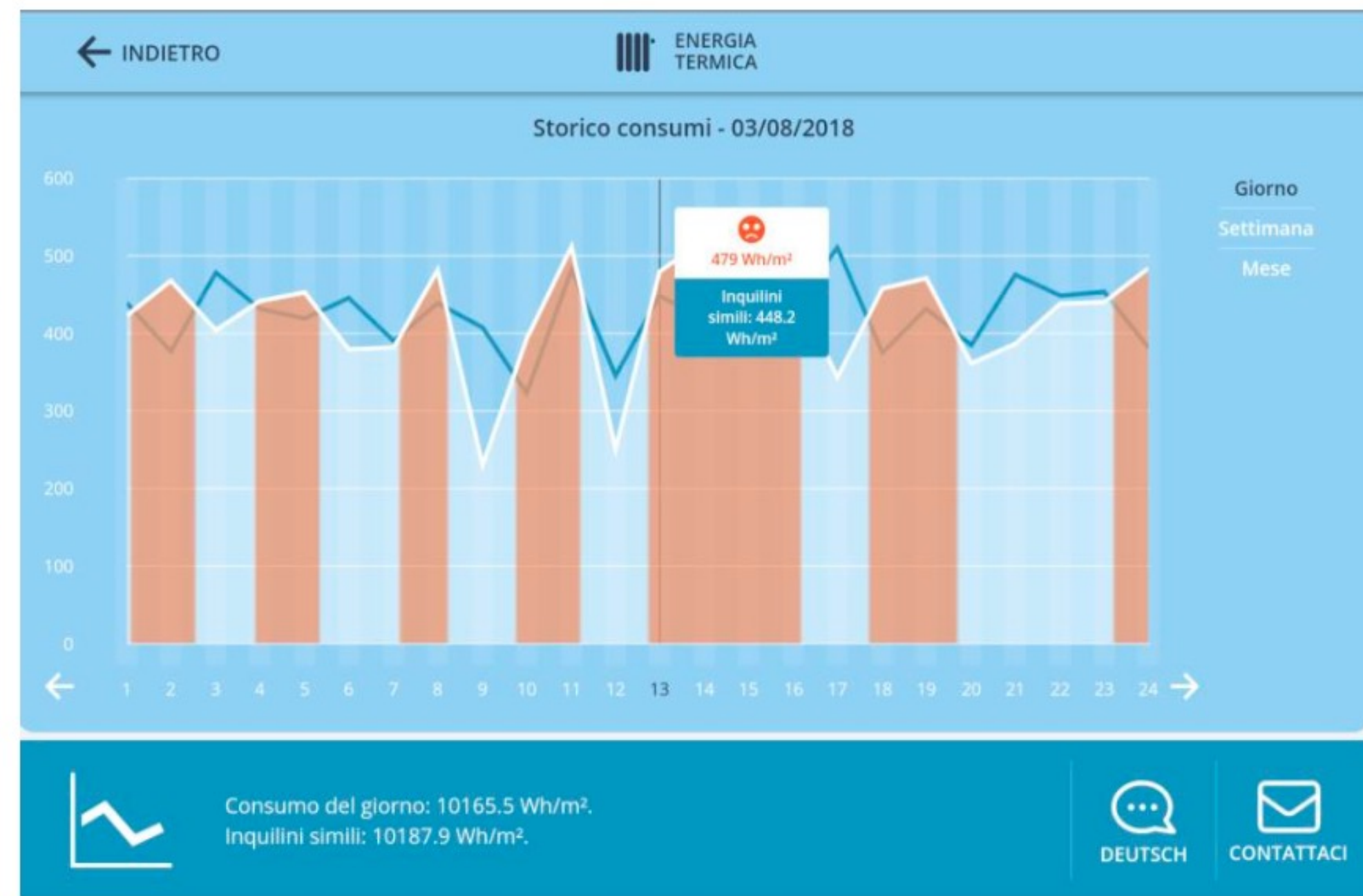
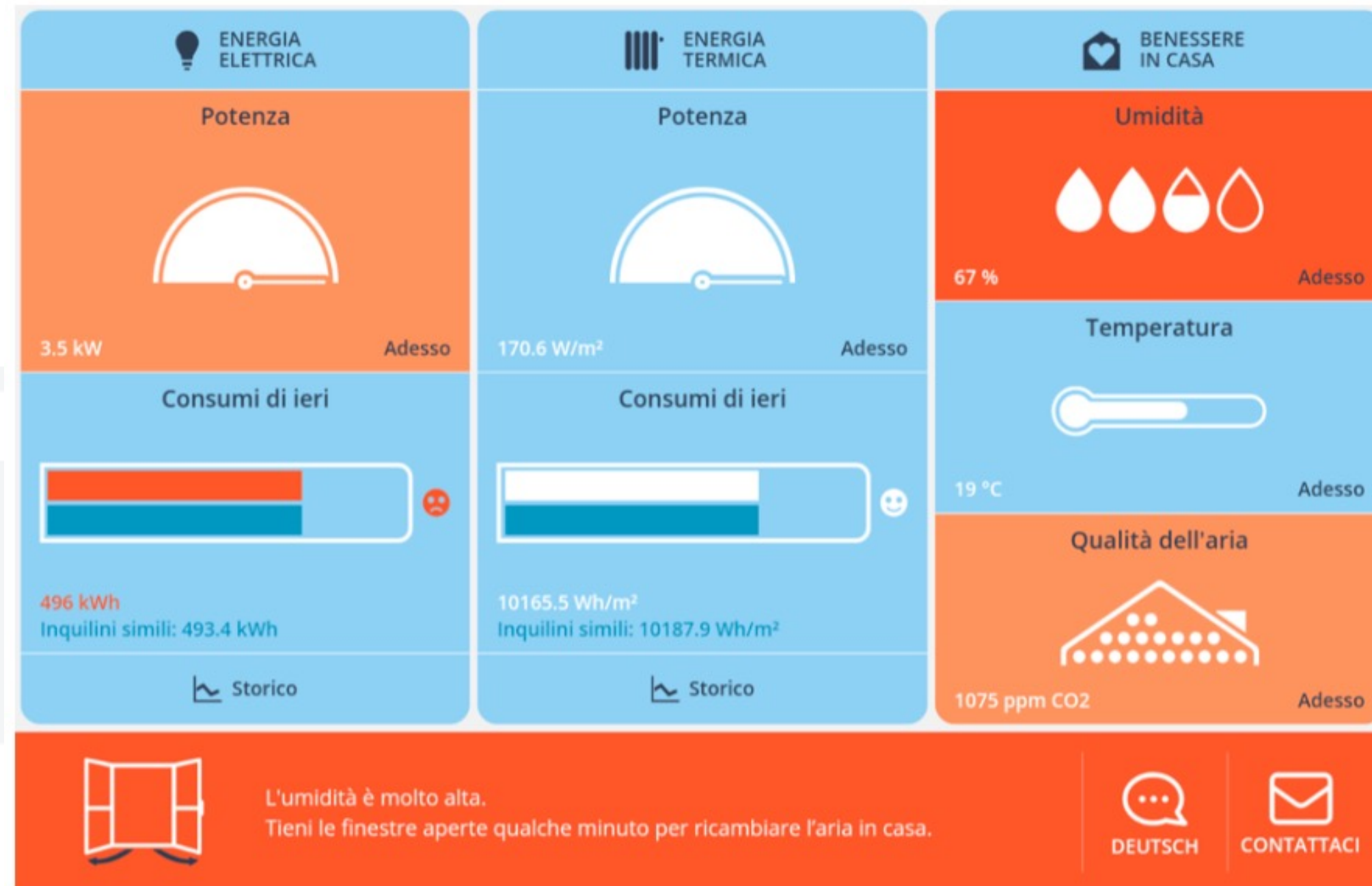
VERSO UN *RECAP*

Coda

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ANCORA SULLA POVERTÀ ENERGETICA

L'APPROCCIO COMPORTAMENTALE



Caballero and Della Valle (2021)

Fonte:
© DellaValle, webinar del 27 aprile 2022
<https://youtu.be/SuzV1Nd2kII>

ANCORA SULLA POVERTÀ ENERGETICA

L'APPROCCIO COMPORTAMENTALE

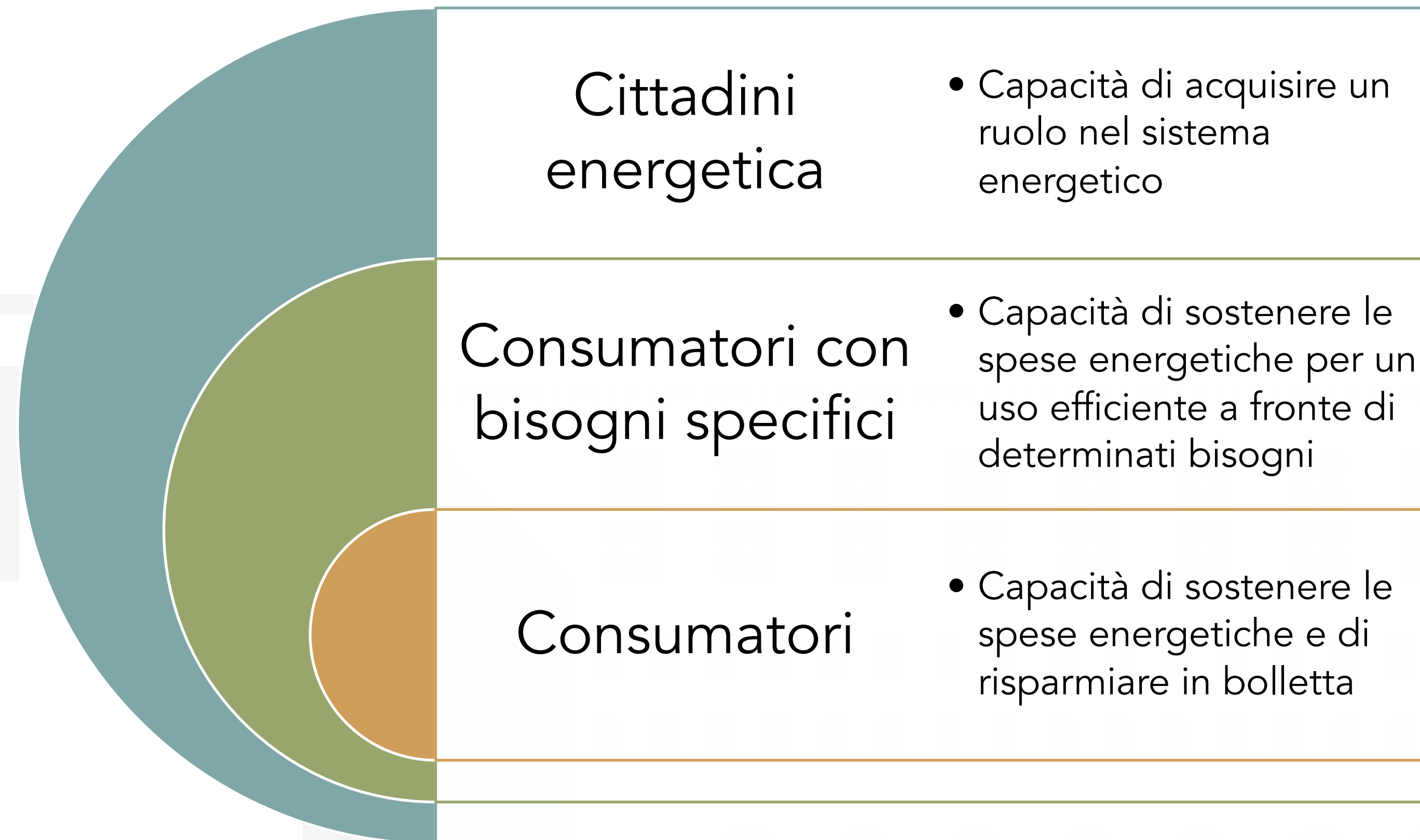
Nudge (pungolo)

Qualsiasi aspetto dell'architettura delle scelte che altera il comportamento delle persone in modo prevedibile senza proibire alcuna opzione o cambiare significativamente i loro incentivi economici.

Per essere associato ad un *nudge*, un intervento dev'essere facile e conveniente da evitare
(Thaler e Sustein, 2008)

ANCORA SULLA POVERTÀ ENERGETICA

LA CITTADINANZA ENERGETICA



Wahlund, M., & Palm, J. (2022). The role of energy democracy and energy citizenship for participatory energy transitions: A comprehensive review. *Energy Research & Social Science*, 87, 102482. <https://doi.org/10.1016/j.erss.2021.102482>

Fonte:
© DellaValle e Czako, 2022

RIEPILOGO: DA TRE APPROFONDIMENTI ALLA CODA FINALE

ELEMENTI INTRODUTTIVI

- Energia come mezzo per ottenere lavoro
- Suddivisione tra forme e fonti di energia
- Il Legge della termodinamica:
ogni volta che forniamo energia ad un sistema, trasformiamo irreversibilmente energia libera che non potremo più utilizzare. C'è un limite al suo utilizzo
- Limiti alla crescita e «finitezza» delle fonti fossili
- Cronistoria: l'energia nelle scienze sociali
- Energia e società:
transizione energetica, consumi, pratiche energetiche, ed eco-welfare

POVERTÀ ENERGETICA

- Energia e vulnerabilità, un legame sotto osservazione
- Un oggetto di studio tra welfare ambiente
- Approcci per misurare il fenomeno
- Welfare energetico locale

CODA RIEPILOGO E DISCUSSIONE FINALE

SGUARDI CRITICI E COMPLESSITÀ

- *Urban energy landscape in practices*
- Le terre rare nella transizione energetica
- Dall'ambientalismo operaio al «capitalismo green»

SOCIETÀ, TERRITORI, TRANSIZIONI

- Consumi energetici ed urbanizzazione nel sistema socio-tecnico
 - Le pratiche energetiche come elemento chiave
 - Un cambio di paradigma: energia di comunità
 - Welfare energetico locale

PROSPETTIVE DI RICERCA: ENERGIA E MUTAMENTI URBANI

Urban Studies

51(7) 1353–1377, May 2014

Special issue editorial: Urban energy transitions: Places, processes and politics of socio-technical change

Urban Energy Transitions: Places, Processes and Politics of Socio-technical Change

Jonathan Rutherford and Olivier Coutard

TEMA DI RICERCA

Energy transition processes (and changes to energy systems more generally) constitute (or might constitute) a largely urban set of processes

<https://journals.sagepub.com/toc/usja/51/7>

PROSPETTIVE DI RICERCA: ENERGIA E MUTAMENTI URBANI

Table 1. A synthesis of major strands of work on energy and urban change

	<i>Strand</i>	<i>Focus</i>	<i>Representative works</i>	<i>Conceptualisation of energy</i>	<i>Conceptualisation of the urban</i>	<i>Approach to transition</i>
1	Mobility and urban form	Sectoral: transport–location–energy nexus	Owens (1986), Newman and Kenworthy (1989), Breheny (1995)	Quantities consumed by mobility and residential decisions and choices	Spatial analysis of centre–periphery relations and locational characteristics	Policy-oriented focus on urban compactness, polycentricity, increasing use of public transport, etc.
2	Technology and low energy buildings and neighbourhoods	Sectoral: potential of new technologies for delivering urban sustainability	Capello <i>et al.</i> (1999), various issues of <i>Building Research & Information</i>	Technologies, low consumption buildings	Parts of urban fabric	Technology-driven
3	Tracing urban energy flows and metabolisms (material flow analysis, territorial ecology)	Methodological: material resource inputs and waste outputs of territories	Barles (2010)	Quantitative flows and materials	Bounded territorial administrative unit interacting with ‘external’ sites	Metabolic change (inputs and outputs) over time
4	Energy, society, practices	Demand-side: individual, household and social behaviours and practices associated with energy consumption	Rosa <i>et al.</i> (1988), Chappells and Shove (2005)	Mutual constitution of forms and levels of energy use and wider everyday practices	Context for forms/ levels of energy consumption and social practices	Changes in society and/or in everyday practices (over time) through engagement with energy
5	Cities in large technical systems (LTS)	Supply-side: large centralised infrastructure systems	Hughes (1983), Summerton (1994), Coutard (1999)	Infrastructure deployment and management	Territories and administrative units within national infrastructure systems	Change to socio-technical components of systems over time

(continued)

PROSPETTIVE DI RICERCA: ENERGIA E MUTAMENTI URBANI

Table 1. (Continued)

Strand	Focus	Representative works	Conceptualisation of energy	Conceptualisation of the urban	Approach to transition
The urban consequences of policy reforms	Political economies: ‘splintering’ outcomes of neoliberal reforms	Guy <i>et al.</i> (1997), Graham and Marvin (2001)	Sector subject to reforms of privatisation, liberalisation, etc.	‘Multiplex’, multi-actor urbanism, socio-spatial differentiation within and between cities	Shifts from public to private management, monopoly to market, sectoral unbundling, resulting urban change (fragmentation)
Low carbon transitions in cities	Urban governing/politics of carbon	Bulkeley <i>et al.</i> (2011), Hodson and Marvin (2009b), Jonas <i>et al.</i> (2011)	Energy infrastructure as an instrument of low carbon policy	Cities as urban policy actors within multilevel climate governance	Socio-technical change through which low carbon is rolled out
Community energy, post-oil communities	Local energy systems, local communities constructed around low energy development and lifestyles	Walker <i>et al.</i> (2007), North (2010), Bailey <i>et al.</i> (2010)	Energy as a tool for local autonomy, development of alternative approaches	Bottom–up collective organisations	Local, inclusive, democratic socio-technical change

UN ARTICOLO DALLA STESSA *SPECIAL ISSUE*

ANALISI

UrbanStudies

51(7) 1471–1486, May 2014

Special issue article: Urban energy transitions: Places, processes and politics of socio-technical change

Low-carbon Transitions and the Reconfiguration of Urban Infrastructure

Harriet Bulkeley, Vanesa Castán Broto and Anne Maassen

[Paper first received, September 2010; in final form, March 2012]

Abstract

Over the past decade, a growing body of research has examined the role of cities in addressing climate change and the institutional and political challenges which they encounter. For the most part, in these accounts, the infrastructure networks, their material fabric, everyday practices and political economies, have remained unexamined. In this paper, it is argued that this is a critical omission and an approach is developed for understanding how urban responses to climate change both configure and are configured by infrastructure networks. Central to any such analysis is the conception of how and why (urban) infrastructure networks undergo change. Focusing on urban energy networks and on the case of London, the paper argues for an analysis of the 'urban infrastructure regimes' and 'experiments' through which climate change is governed. It is found that climate change experiments serve as a means through which dominant actors articulate and test new 'low-carbon' logics for urban infrastructure development. It is argued that experiments work by establishing new circuits, configuring actors in new sets of relations and through these means realising the potential for addressing climate change in the city. At the same time, experiments become sites of conflict, a means through which new forms of urban circulation can be confined and marginalised, leaving dominant energy regimes (relatively) intact.

Keywords: climate change, energy, experiment, infrastructure, socio-technical system, urban governance

Incipit:

la letteratura esistente

Tema chiave dell'articolo

Temi di discussione

L'oggetto mancante

Contesto d'analisi e contenuti di quanto sostenuto nell'articolo

UN ARTICOLO SULLE PRATICHE ENERGETICHE

BALEST E MAGNANI (2021)

Sociologia urbana e rurale n. 124, 2021: 83-99

Contesto socio-culturale ed efficienza energetica nell'abitazione

*Jessica Balest, Natalia Magnani **

Socio-cultural context and building energy efficiency

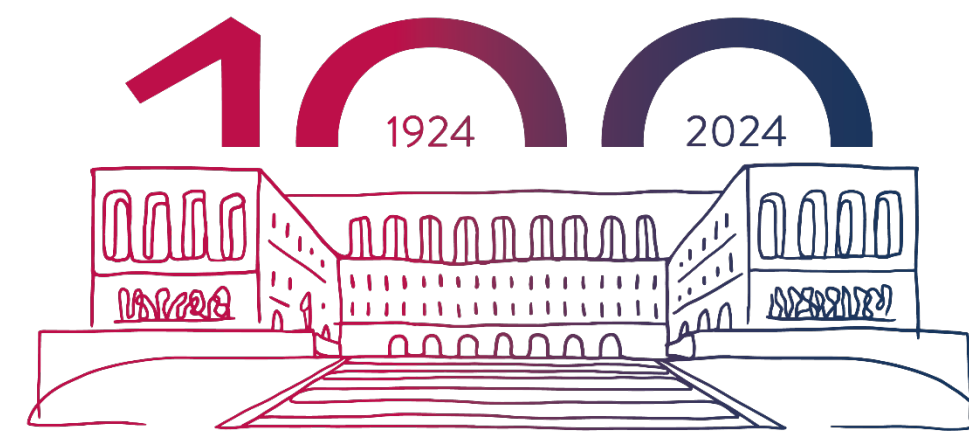
Social practices of energy savings and efficiency are favoured by some socio-cultural contexts. This paper synthesizes the results deriving from 10 interviews out of 23 households living in a high energy efficient and new building (Bolzano – IT). The results define the so-cio-cultural context and the main elements that affect the change of social practices and en-ergy behaviours for ensuring a reduction of energy consumptions.

Keywords: energy efficiency, energy, gender, living, social practice, socio-cultural context

UN ARTICOLO SULLE PRATICHE ENERGETICHE

COSA CI DICE L'ARTICOLO DI BALEST E MAGNANI?

Tramite la **relazione tra nuove competenze e dimensioni socio-culturali** avviene un processo di **cambiamento delle pratiche sociali e degli usi dell'energia** (p. 98)

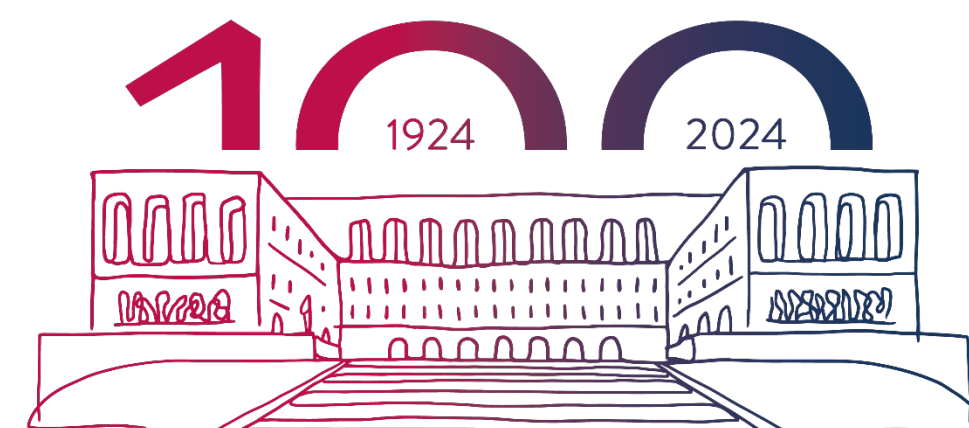


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CONFRONTO IN AULA DA QUESTO MOMENTO POTETE:

- Chiedere **delucidazioni** su alcuni temi del corso, a partire dagli approfondimenti visti più di recente (contributi degli ospiti, CER, povertà energetica)
- Sottoporre **una prima idea o una serie di argomenti** che intendete affrontare nella tesina
- Chiedere **letture extra** su un tema che intendete approfondire per la tesina
- Chiedere **orientamento** sulla domanda di ricerca a partire dalla selezione dei temi d'interesse

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Per confronti sul tema scelto per l'esame, per sottoporre un indice di lavoro, o concordare un ricevimento:

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