
# Quartiere sostenibile e comunità energetica

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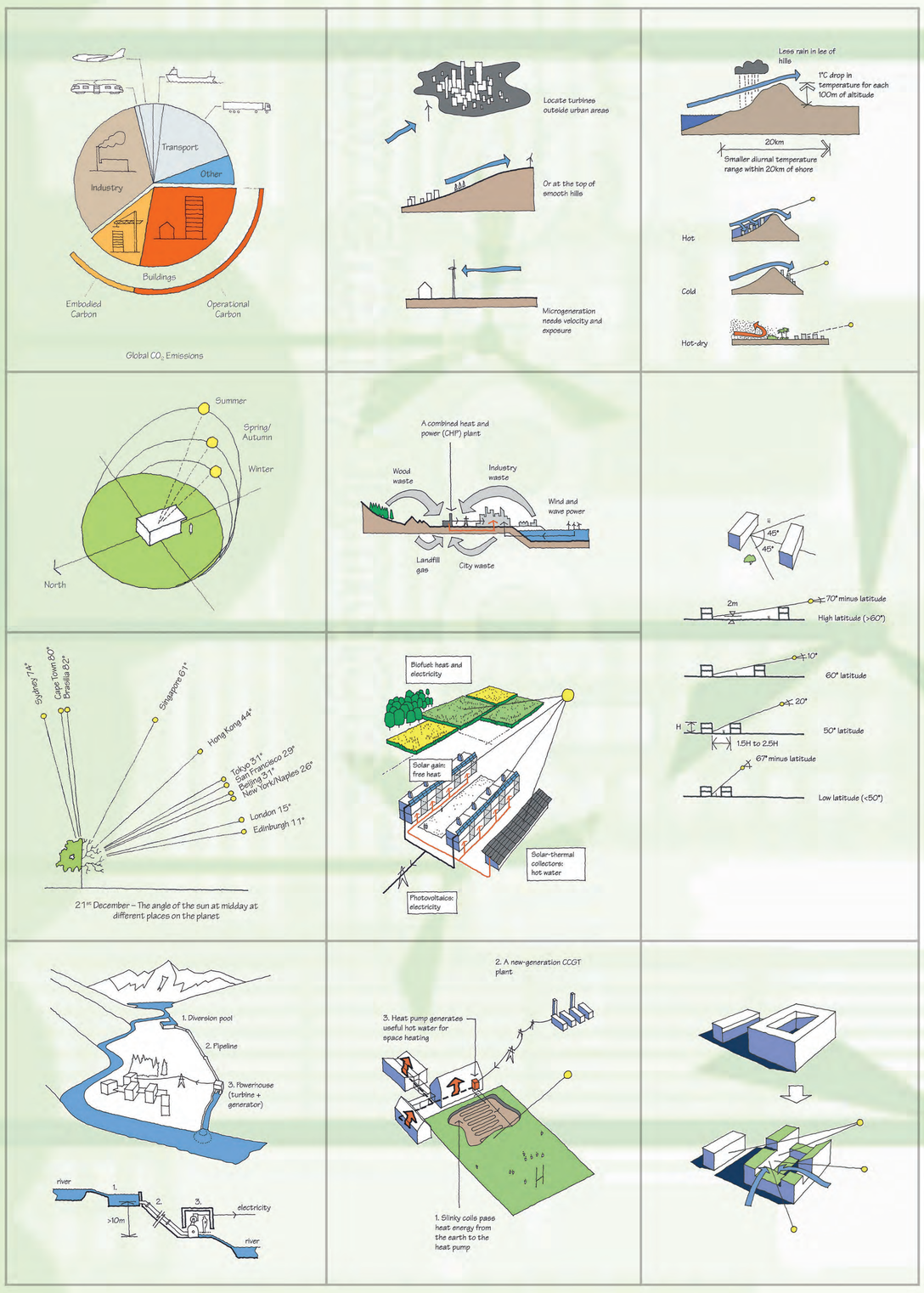
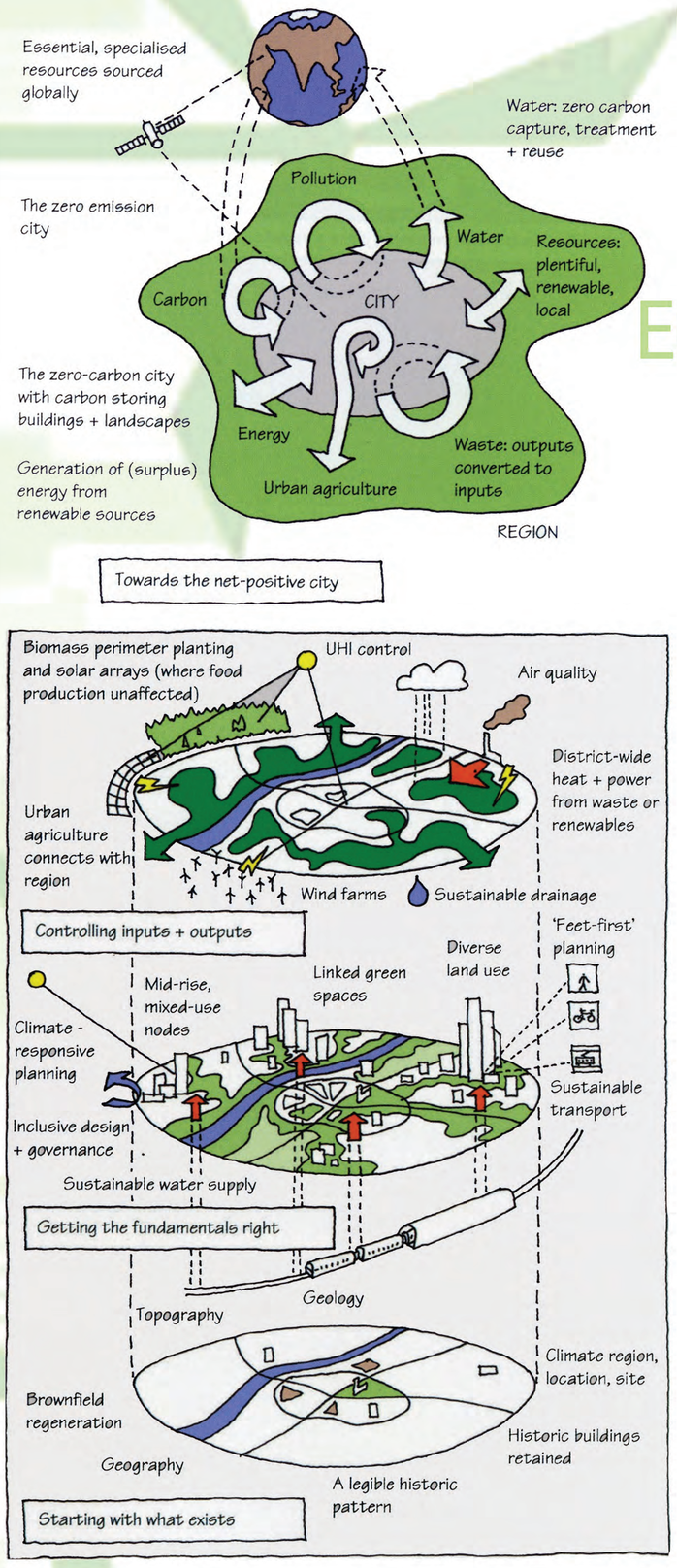
**COMUNITA' ENERGETICA**
1. Comunità energetica Pinerolese
2. Comunità energetica di Primiero-Vanoi
3. Comunità energetica di Roseto Valfortore
4. Comunità energetica Alpina di Tirano
5. Comunità energetica della Valle Susa (CEVS)
6. Energia agricola a Km0: la comunità energetica agricola del Veneto
7. GECO-Green Energy Community
8. PAN-Puglia Active Network
9. Smartgrid di Berchidda
10. Progetto BloRin
11. Comunità energetica di Prato allo Stelvio
12. Società Elettrica Cooperativa dell'Alto But - S.E.C.A.B.

**AUTOCONSUMO COLLETTIVO**
13. Progetto condomini Torino
14. Condominio Donatello di Alessandria
15. Il campus H-Farm di Roncade
16. La Casa dell'Energia di Serrenti
17. NzeB: Nearly Zero Energy Building Social Housing (Prato)
18. Progetto Self-User
19. RE(Y), Retail Efficiency Venezia
20. Social Housing QUI ABITO
21. Università degli Studi di Genova - Campus Savona

**AUTOCONSUMO**
22. Agriturismo Costantino, Borgo Rurale tra aurosufficienza energetica e circolarità
23. Agriturismo Village Paradise
24. Azienda MEgabox, nuovi uffici a impatto zero
25. CSF Energy Società Agricola
26. Cantina Le Cimate
27. Conservificio MoliseGoloso
28. LecOstello di Magliano Sabina
29. Solis GreenLog
30. La Green Station di Potenza
31. WE(Y)-Welfare Efficiency Piemonte
32. Lazienda Agricola Val Paradiso


The studies of the Modern Movement in Architecture and Urbanism assign a decisive role to the neighbourhood; it represents the minimum conforming unit best suited to the implementation of the macro-categories that characterise sustainable neighbourhoods. Macro-categories that most frequently recur in the scientific literature distinguishing highly sustainable settlements are four: morphological and functional layout, emission control, waste cycle and energy consumption. Within the last one the reflections of this contribution are placed. The transition to a fossil-free energy scenario assigns to Variable Renewable Energy like solar (PV panels) and wind (Wind Turbines), a fundamental role, however, for this transition to be successfully completed, enormous efforts must be made in terms of storage, while production is optimal during certain peak periods, these often do not coincide with demand, which makes exclusive reliance on these options a rather risky choice. The contribution intends to reflect on the possibilities and critical issues offered by renewable energy storage for the implementation of a neighbourhood energy community.




GREEN
ENVIRONMENT
ECO-FRIENDLY
RECYCLE
RENEWABLE
ECOLOGY
BIODIVERSITY
MOBILITY
ENERGY
POWER
MANAGEMENT
POSITIVITY
WATER
SUSTAINABLE

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