



ENERGIA DALLA TERRA



Vito Felice Uricchio

Consiglio Nazionale delle Ricerche
Istituto di Ricerca Sulle Acque

2 novembre 2011

Usi Diretti









Evitare il trasporto di energia consente di ridurre le dispersioni ed ottimizzare i consumi



**limitare la dipendenza dalle
fonti energetiche importate**

**contrastare il
progressivo
aumento dei prezzi**



Evitare picchi di assorbimento estivi



A high-angle photograph of a large group of children in a schoolyard. The children are arranged in a large number '1' shape on the asphalt. The number is formed by a long vertical line of children, with a horizontal bar across the middle. The children are of various ages and are wearing colorful clothing. The background shows the asphalt court with white and yellow lines.

Il Paradigma dell'Autoproduzione





Climatizzazione ambienti

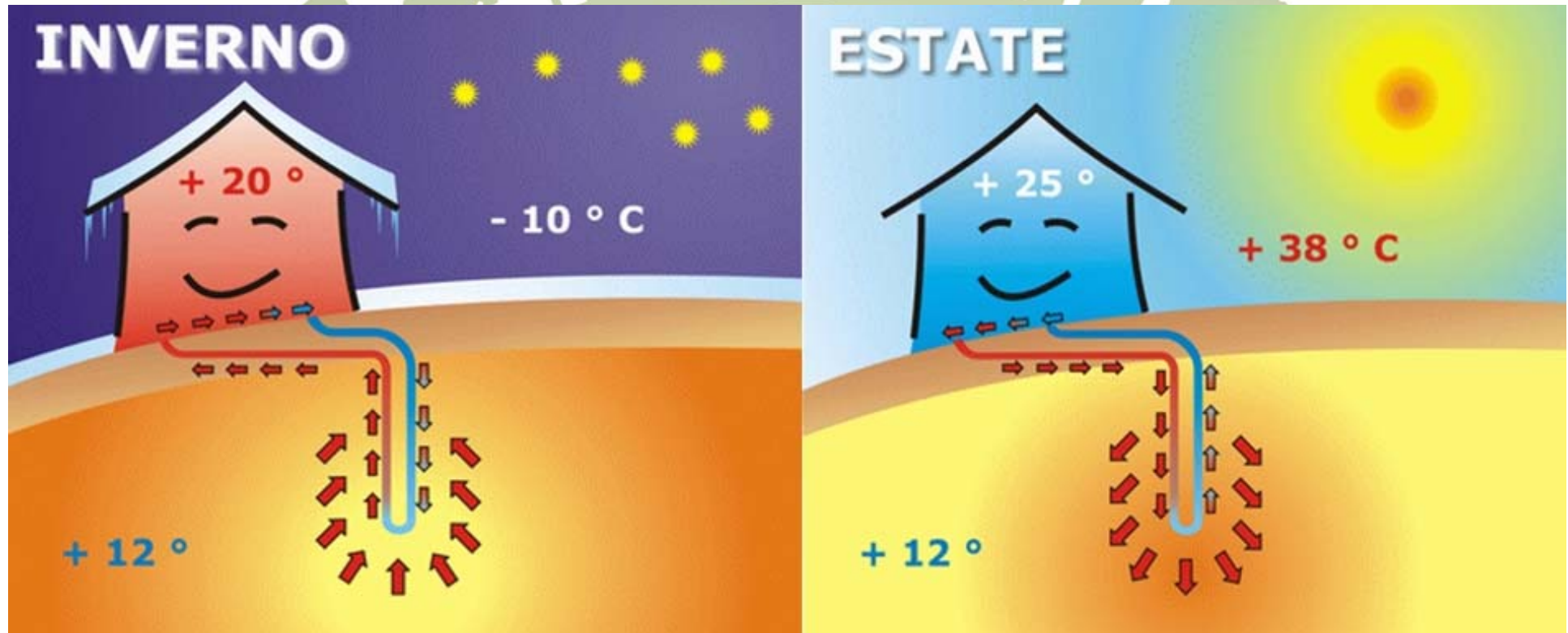


ad acqua



ad aria

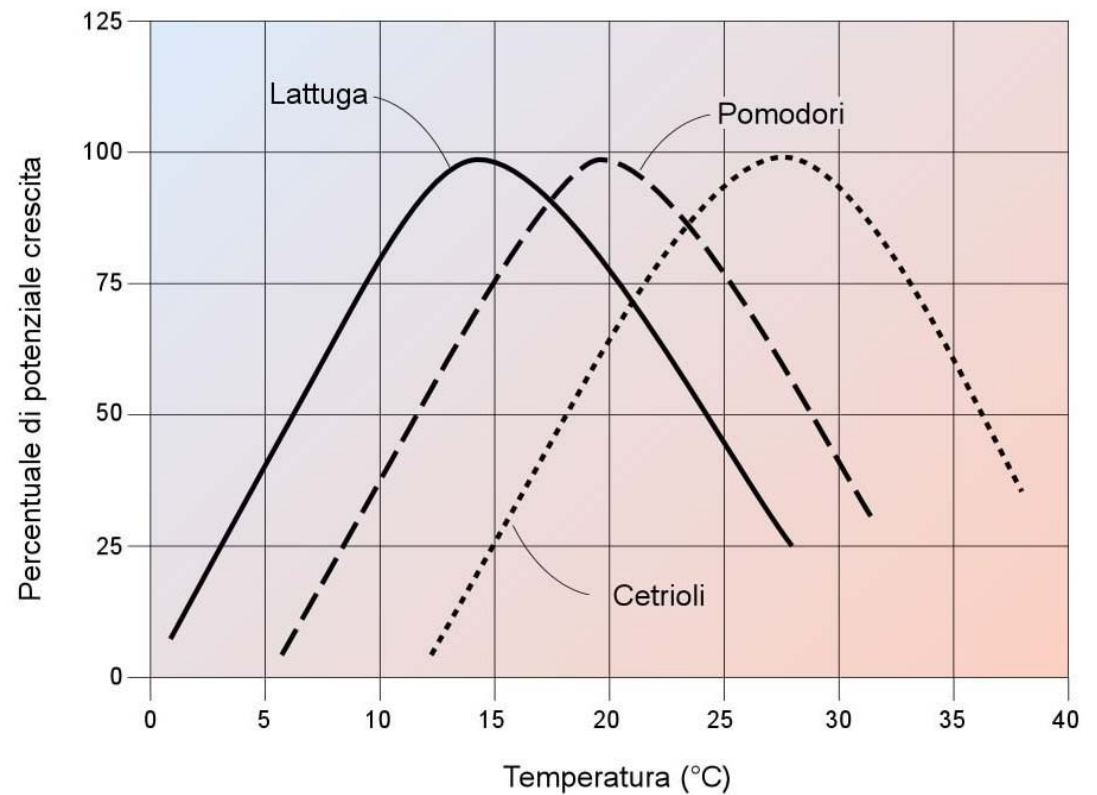
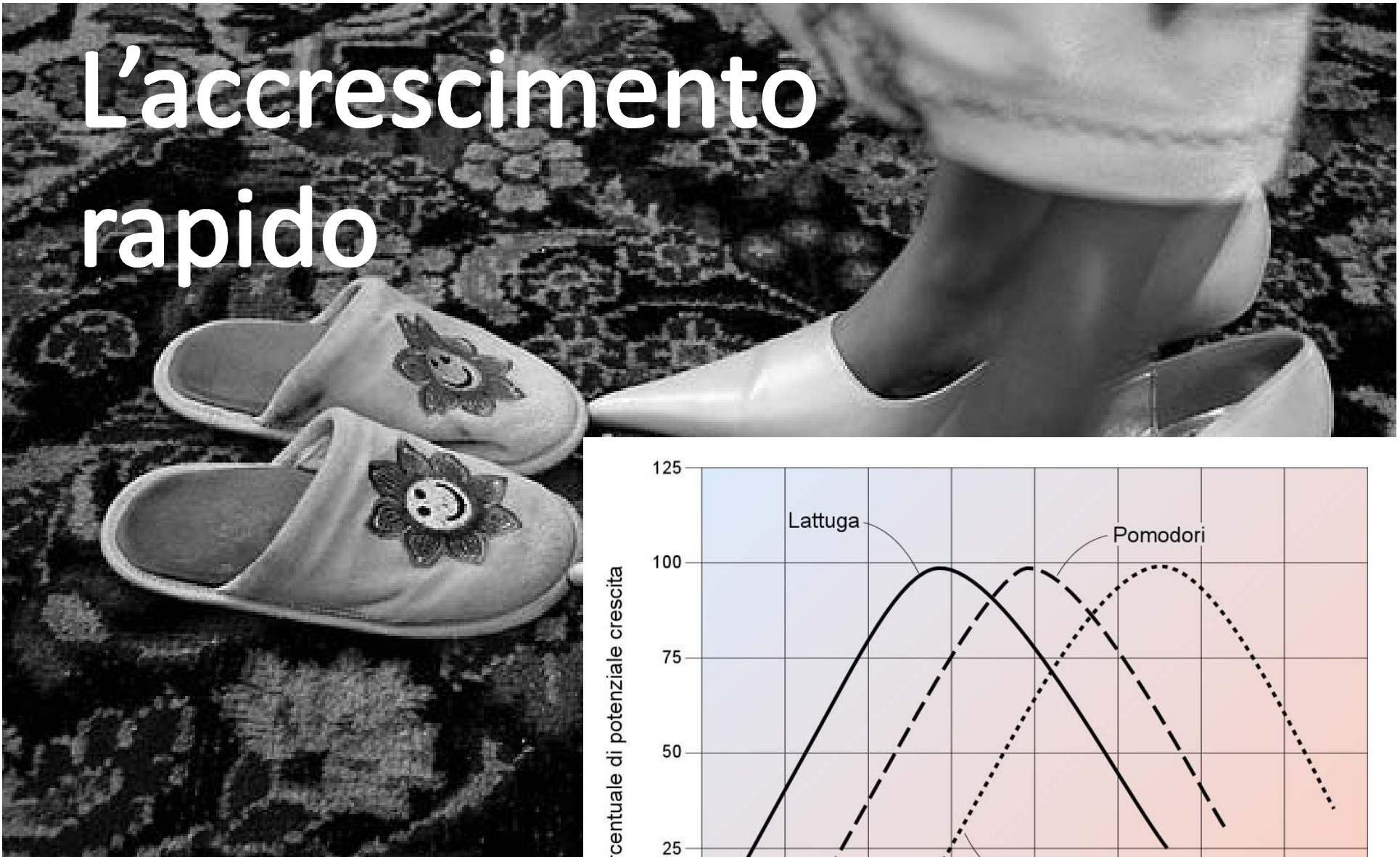
Gli scambiatori di energia: le sonde geotermiche



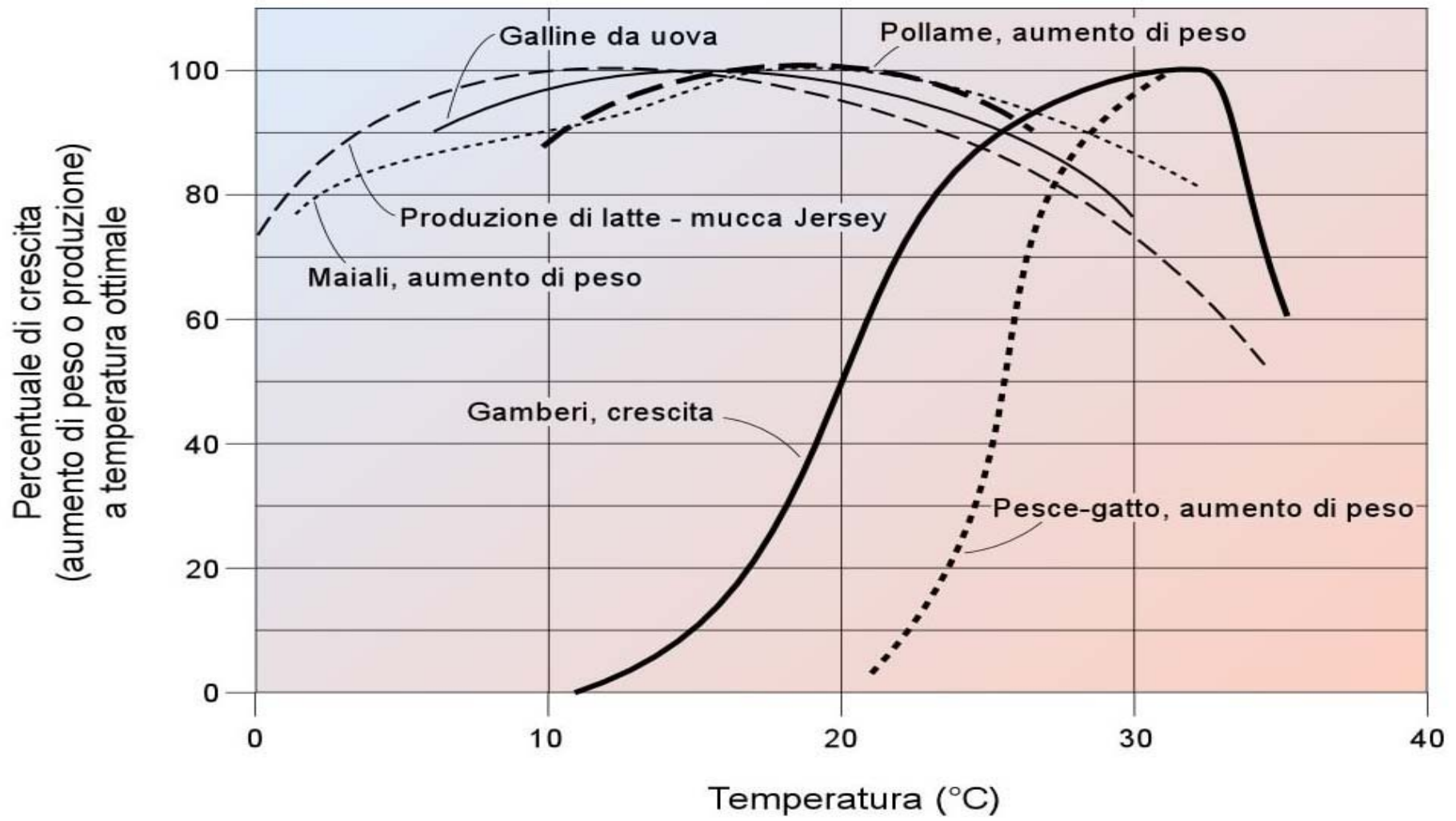


Serre

L'accrescimento rapido







eci





Pastorizzazione latte



Desalinizzazione





digestione
anaerobica



Cartiera

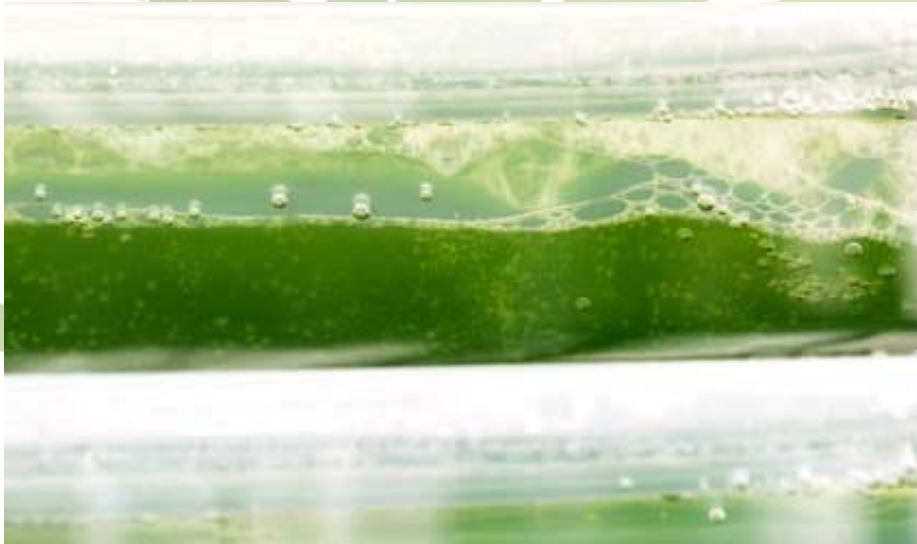
Essiccazione





Refrigeratori ad
assorbimento

Coltivazione e Produzione di Alghe per l'estrazione di oli essenziali e la produzione di biocombustibili





Teleriscaldamento

Vinificazione





Salumi e formaggi

A photograph of an industrial facility at sunset. The sky transitions from a deep blue at the top to a bright orange and red near the horizon. Several dark silhouettes of smokestacks are visible, with one on the right emitting a large, dark plume of smoke. The foreground is dark and indistinct.

Qualsiasi attività industriale



Geotermia

Ricerca

A graphic design featuring a central silhouette of a lightbulb. Inside the lightbulb, the word "Grazie" is written in a clean, white, sans-serif font. The background consists of numerous thin, black lines radiating outwards from the top of the lightbulb, creating a sunburst effect. The color palette is dominated by warm tones, with a gradient from bright orange at the top to deep red and dark orange at the bottom. The overall composition is centered and balanced.

Grazie