

Approaching the Kyoto Targets: Key strategies for Local Communities

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Approaching the national Kyoto Protocol (KP) targets involves a re-definition of the actual configuration of local energy systems.

This study deals with a local scale application of the IEA-MARKAL models generator, in which the anthropogenic system of Basilicata Region (Southern Italy) is investigated to support the definition of coherent long-term strategies and sound climate protection policies.

A scenario-by-scenario analysis points out the behaviour of the optimal mix of fuels and technologies in the presence of CO₂ emissions constraints. Trade off curves and reduced costs analyses outline the most effective actions for contributing to the national KP targets.

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