



Abbreviation	• CARBONTOUR
Project Title	• Strategic Planning Towards Carbon Neutrality in Tourism Accommodation Sector
Operational Programme	• Life Plus
Budget of Project	• 1.324.139,00 €
Budget of Regional Development Funds of North Aegean	• 166.360,00 €
Beginning / Expiry	• 9/2010 - 12/2012
Partners	<ul style="list-style-type: none"> • North Aegean Region (Lead Partner) • The National Technical University of Athens (NTUA) • Seven Consultants – Scholars of Environmental Work • Cyprus Association of Hotel Keepers (Cyprus) • Aeolian Village SA Hotel • Mayfair Hotel Ltd (Cyprus)
Subject Short Description	<ul style="list-style-type: none"> • Green Entrepreneurship <p>Objective of the project CARBONTOUR is the configuration of strategic approach for the compensation of emissions of CO₂ (CO₂ offset) and for the achievement of neutral balance of coal (carbon neutrality) in the sector of tourist lodgings, as well as the development of guiding lines for the reduction of contribution of tourist sector in the phenomenon of climatic change. Thus in the longer-term - from the application of guiding lines that will be developed in the frame of the project - the tourist lodgings will have profit, via the reduction in the consumption of energy and water as well as from the reduction of quantity of waste that is led to sanitary burial and in consequence, by the reduction of dues of entry. At the same time, the tourist lodgings might exploit the reduction of emissions of CO₂ with the sale of rights of emissions via the mechanism of marketing of pollutants.</p> <p>In frame of the project, the provided services of tourist lodgings - that are considered sources of emission equivalent CO₂ - will be recorded with the conduct of in situ research in two units of lodgings (one in Northern Aegean - Greece - and one in Cyprus), that are also partners in the project.</p> <p>For this aim, a reliable computational model will be developed for the calculation of imprint of coal, which will evaluate the emissions equivalent of CO₂ that are produced by the operation and maintenance of tourist units: {(a) activities that consume energy, (b) practices of management of waste & (c) practices of management of water and sewages}. The model will be applied initially in the two mentioned before units of lodgings so that is also optimized afterwards to be materialized in a demonstration of big scale of 80 units of lodgings in Northern Aegean and in Cyprus.</p> <p>The results that will arise will be evaluated and the units will be classified according to their imprint of coal, while the attendance of each source of emission of CO₂ will be evaluated by the provided services of lodgings in the total imprint of coal.</p>

Deliverables



- Software of determination of energy consumption of tourist lodgings per activity and calculation of their environmental imprint
- Creation of environmental labeling for the tourist lodgings of the Region with environmental and tourist interest (self-adhesive - 5 types)
- Leaflets in Greek and in the English
- Short Length Film (you tube)
- Study: Analysis & Documentation of the tourism accommodation sector in the Region of North Aegean, Greece and in Cyprus
- Study: Identification and evaluation of CO2 equivalent emission sources from the accommodation facilities