Resum de Tesi Doctoral



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Títol de la tesi		WTEA - Methodologic improvements for the development of energy audits				
Unitat estructural		736 - PROJECTES D'ENGINYERIA				
Progra	ama	ENGINYERIA AMBIENTAL				
Codis UNESCO (Mínim 1 i màxim 4, pode		332200 eu veure els co	330800 dis a http://doc	531205	ncademica/imp	presos/tesi-matricula-i-diposit/codis-unesco)
Resum de la tesi de 4000 caràcters màxim (si supera els 4000 es tallarà automàticament) This PhD thesis shows the results of 10 years of energy audits for buildings as a proposal for a methodological impror in the energy audit process itself. The main findings are referred to the three key points of any energy audits. Data collection: this thesis recommends a widespread use of energy meters as the basic tools for identifying efficiency in buildings. Data analysis: this thesis recommends both a correlation analysis between demand / consumption and demitemperature as the basic procedure for the identification of the key elements for improving energy efficiency in buildings. Improvement proposals: this thesis recommends a new definition of the Energy Management Opportunities be on primary measures (actions on the building envelope and insulation systems), secondary measures (actions on the energy transformation systems) and tertiary measures (actions on the control and management systems of the building the work of the system of the building the main advantages of using these methodological changes are: Reduced costs in the development of basic or detailed audits given the lower cost of the Walk-Through Energy Audits and its comparable results. The tertiary measures improvements are easily identifiable by the WTEA whilst not so easily though basic or denergy audits.					as a proposal for a methodological improvement key points of any energy audit: gy meters as the basic tools for identifying energy between demand / consumption and demand / for improving energy efficiency in buildings. Of the Energy Management Opportunities based ms), secondary measures (actions on the oil and management systems of the building).	
Lloc	TERRASSA				Data	8 D'ABRIL DE 2015

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