



Issue 18 - 2009

**POTENTIAL IMPACT ON THE REDUCTION
OF GREENHOUSE GAS EMISSIONS
RESULTS OF INTERVENTIONS FINANCED BY
2007-2013 ERDF OPERATIONAL PROGRAMMES**



**Ministero dello Sviluppo Economico
Dipartimento per le Politiche di Sviluppo
Unità di Valutazione degli investimenti Pubblici**



The *Public Investment Evaluation Unit* (UVAL) provides technical support to public administrations, by developing, testing and disseminating ex-ante, ongoing and ex- post evaluation methods for public investment projects and programmes. One of the aims is to improve effective spending and better performance of European structural funds. The Unit is part of the network of national and regional evaluation units.

UVAL carries on its activity in the Department for Development and Cohesion Policies (DPS) of the Ministry of Economic Development, where it was transferred with D.P.C.M. 28 June 2007 published on G.U. n. 218 of 19 September 2007. UVAL was first established with its actual structure and form in 1998, in the context of the wider restructuring of the development policies functions, under the overall responsibility of the Ministry of Economy and Finance. UVAL is staffed with a maximum of 30 members, coordinated by a Unit Head, and is part of the Public Investment Technical Evaluation and Monitoring Unit. UVAL reports directly to the Head of the DPS.

The Unit provides evaluations of various aspects of investment programmes and development projects, including their relevance and coherence with economic policy directions, their economic and financial feasibility, their compatibility and cost effectiveness compared with alternative solutions, including their socio-economic impacts in the geographical areas they aim to support.

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Potential Impact on the Reduction of GreenHouse Gas Emissions
Results of Interventions Financed by 2007-2013 ERDF Operational Programmes
Abstract

The report on *Potential Impact on the Reduction of GreenHouse Gas Emissions - Result of Interventions Financed by 2007-2013 ERDF Operational Programmes* synthesizes a detailed methodological and applied research promoted by the Evaluation Unit of the Department for Economic Development and Cohesion of the Ministry of Economic Development in cooperation with the Italian National Energy Agency (ENEA). The report includes an estimate of the impact of the interventions co-financed by the European Regional Development Fund (ERDF) under the 2007-2013 National Strategic Framework (NSF) in the sectors of energy, transports and waste in terms of potential gross total reduction in GreenHouse Gas emissions in CO₂ equivalents, kiloton per annum. The estimate results from a complex methodology which required the calculation of the total amount of public resources planned by national and additional policies and the evaluation of the multilevel governance framework involved. Estimates refer to three scenarios: Business-As-Usual; with the interventions programmed or recently introduced by the current national policy framework; with the 2007-2013 NSF interventions added to the measures recently planned or recently introduced. The method applied and the results obtained, in addition to giving a relevant quantification to the national compliance of the Kyoto Protocol and to further issues of the international debate (Post Kyoto period), are in line with the United Nations Framework Convention on Climate Change (UNFCCC) standards. The final estimate of the impact of the interventions planned on the 2007-2013 ERDF Operational programmes reaches the value of a reduction of 10 Mt CO₂ eq. at 2020 due to the relevant contribute of the measures on renewable energy and energy efficiency.

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