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IMPACT ASSESSMENT

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Communication from the Commission to the European Parliament and the Council

**Energy Efficiency and its contribution to energy security and the 2030 Framework for
climate and energy policy**

{ COM(2014) 520 final }

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Annex VIII. Overview of national energy efficiency measures investigated by Fraunhofer and their expected impact (continued)

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|-------|------|---------|---------------|---|-------|-------|
| GER36 | 2008 | Germany | Industry | Special fund for energy efficiency in SME's (Sonderfonds Energieeffizienz in KMU) | 0.800 | 0.800 |
| GER17 | 2009 | Germany | Cross-Cutting | Renewable Energy Sources Act for Heat (Gesetz zur Förderung Erneuerbarer Energien im Wärmebereich) | 0.155 | 0.217 |
| GER19 | 2008 | Germany | Cross-Cutting | National Energy Efficiency Action Plan (NEEAP) of the Federal Republic of Germany | | |
| GER21 | 2010 | Germany | Cross-Cutting | Sustainability Ordinance for Electricity from Liquid Biomass | | |
| GER28 | 2012 | Germany | Cross-Cutting | Act revising the legislation on renewable energy sources in the electricity sector 2012 (EEG Novel) | | |
| GER29 | 2008 | Germany | Cross-Cutting | National Climate Initiative (Nationale Klimainitiative, NKI) | 0.021 | 0.033 |
| GER30 | 2010 | Germany | Cross-Cutting | Energy concept and accelerated transformation of the energy system ("Energiewende") | | |
| GER47 | 2008 | Germany | Residential | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - Energy certificates for buildings | | |
| GER64 | 2010 | Germany | Residential | Smart Metering | | 0.451 |
| GER65 | 2008 | Germany | Residential | Information Campaign on Climate Protection | | |
| GER72 | 2014 | Germany | Residential | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Energy Savings | 0.081 | 0.311 |
| GER77 | 2011 | Germany | Residential | EU-related: Revised Directive for Labelling of Energy-related Products (Directive 2010/30/EU) - Energy | 0.078 | 0.221 |
| GER8 | 2009 | Germany | Residential | EU-related: Ecodesign Directive for Energy-using Products (Directive 2005/32/EC) - Energiebetrieb | 0.800 | 1.200 |
| GER94 | 2009 | Germany | Residential | KfW-programme "Energy-efficient construction" | 0.150 | 0.225 |
| GER95 | 2009 | Germany | Residential | Energy Saving Ordinance (residential buildings) | 2.422 | 3.583 |
| GER96 | 2009 | Germany | Residential | KfW Energy-efficient Redevelopment | 1.194 | 1.791 |
| GER43 | 2009 | Germany | Industry | ERP Environmental and Energy Efficiency Programme | 0.131 | 0.131 |
| GER25 | 2009 | Germany | Tertiary | Stimulus programme for the promotion of climate protection measures in commercial cooling installations | 0.002 | |
| GER29 | 2008 | Germany | Tertiary | Special fund for energy efficiency in SME's (Sonderfonds Energieeffizienz in KMU) | 0.222 | 0.321 |
| GER31 | 2011 | Germany | Tertiary | EU-related: Ecodesign Directive for Energy-using Products (Directive 2005/32/EC) - Eco-Design of Energy | 0.251 | |
| GER32 | 2010 | Germany | Tertiary | Smart Metering | | |
| GER33 | 2008 | Germany | Tertiary | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - Energy Certificates for buildings | | |
| GER34 | 2008 | Germany | Tertiary | Information Campaign on Climate Protection | | |
| GER35 | 2011 | Germany | Tertiary | EU-related: Recast Ecodesign Directive for Energy-related Products (Directive 2009/125/EC) - Eco-Design | 0.400 | 0.520 |
| GER40 | 2012 | Germany | Tertiary | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Energy Savings | 0.818 | 1.257 |
| GER41 | 2012 | Germany | Tertiary | Mission E | 0.007 | 0.007 |
| GER25 | 2008 | Germany | Transport | Biomass Sustainability Ordinance | | |
| GER26 | 2010 | Germany | Transport | Statutory Ordinance on Hydrogenation of vegetable oil | | |
| GER28 | 2008 | Germany | Transport | Campaign "Ich und mein auto. Clever fahren, Sprit sparen" ("me and my car. Driving smart, Saving | | |
| GER30 | 2008 | Germany | Transport | Aktionsprogramm Mobilitätsmanagement (Promoting mobility, communication and city logistics) | | |
| GER33 | 2009 | Germany | Transport | Car scrapping (Umweltprämie) | 0.096 | 0.088 |
| GER39 | 2009 | Germany | Transport | EU-related: Emission performance standards new passenger cars (Regulation 443/2009/EC) - Acceleration | 1.524 | 1.992 |
| GER5 | 2011 | Germany | Transport | Levy on air traffic (Luftverkehrsabgabe) | 0.100 | 0.100 |
| | 2012 | Germany | Tertiary | KfW Energy Efficiency Supply of Town Quarters (KfW Energieeffiziente Quartiersversorgung --Kor | 0.000 | 0.000 |
| | n.a. | Germany | Tertiary | KfW Social Investment - Energetic Building Renovation (KfW Sozial Investieren -- Energetische Ge | 0.012 | 0.017 |
| | 2009 | Germany | Tertiary | KfW Energy Efficient Rehabilitation of Buildings - Municipalities (KfW Energieeffizient Sanieren -- | 0.038 | 0.057 |
| | 2012 | Germany | Tertiary | KfW Investment Credit Premium Municipality - efficient street lighting (KfW-Investitionskredit Ko | 0.005 | 0.007 |
| | 2009 | Germany | Tertiary | Future Investments Act (Zukunftsinvestitionsgesetz) | 0.165 | 0.165 |
| | 2012 | Germany | Industry | KfW Energy Advice SMEs (KfW-Energieberatung Mittelstand -- Nachfolgeprogramm Sonderfonds E | 0.289 | 0.423 |
| | 2013 | Germany | Industry | Energy efficiency networks in companies (Energieeffizienz-Netzwerke in Unternehmen) | 0.002 | 0.005 |
| | 2014 | Germany | Tertiary | Energy Efficiency Fund: Municipal networks (Effizienz-Fonds: Kommunale Netzwerke) | 0.000 | 0.000 |
| | 2013 | Germany | Industry | Energy Efficiency Fund: Cross-cutting Technologies (Effizienz-Fonds: Querschnittstechnologien) | 0.064 | 0.131 |

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| GRE10 | 2008 | Greece | Cross-Cutting | EU Structural Funds 2007-2013: Comprehensive development of ecological public transport | | |
| GRE11 | 2008 | Greece | Cross-Cutting | EU Structural Funds 2007-2013: Comprehensive development of ecological public transport | | |
| GRE15 | 2011 | Greece | Cross-Cutting | EU Structural Funds 2007-2013: Comprehensive development of ecological public transport | | |
| GRE9 | 2008 | Greece | Cross-Cutting | EU Structural Funds 2007-2013: Essential economic infrastructure | | |
| GRE10 | 2009 | Greece | Industry | Promotion of Combined heat and power (CHP) and district heating systems- Industry Sector | | |
| GRE11 | 2010 | Greece | Industry | Creating a "Green Business Parks" - Enhancing Investment projects in Industrial Business Zones (V.I.P.E.) and Innovation Zones | | |
| GRE6 | 2008 | Greece | Industry | Incentives for obligatory implementation of Energy Management Systems | | |
| GRE7 | 2014 | Greece | Industry | GRE7-Promotion of voluntary agreements in industrial sector | | |
| GRE8 | 2009 | Greece | Industry | Installation of electronic and intelligent metering of electricity and natural gas industrial consumers | | |
| GRE9 | 2012 | Greece | Industry | Energy upgrading of existing buildings through third-party financing arrangements (TPF), energy performance contracting and | | |
| GRE2 | 2008 | Greece | Residential | Allocation of heating costs in collective buildings | | |
| GRE12 | 2012 | Greece | Residential | Obligatory installation of central thermal solar systems in residential buildings. | | |
| GRE16 | 2011 | Greece | Residential | "Energy Savings in households" Program | | |
| GRE17 | 2009 | Greece | Residential | "Changing Air-Condition" Program | | |
| GRE15 | 2010 | Greece | Residential | Energy Performance of residential Buildings | | |
| GRE18 | 2011 | Greece | Residential | GRE18-Energy Upgrading of social housing- The "Green Neighborhoods" & #8221; Program | | |
| GRE20 | 2010 | Greece | Residential | Installation of electronic and intelligent metering of electricity and natural gas residential consumers | | |
| GRE21 | 2012 | Greece | Residential | Energy upgrading of existing buildings through Energy Service Companies | | |
| GRE22 | 2009 | Greece | Residential | Promotion of Combined heat and power (CHP) and district heating systems- Residential Sector | | |
| GRE23 | 2011 | Greece | Residential | "Xtizodas to Mellon" Project- Residential sector | | |
| GRE1 | 2016 | Greece | Tertiary | Energy Auditing Procedures, Requirements and Guidelines | | |
| GRE7 | 2011 | Greece | Tertiary | Obligatory replacement of all lighting systems of low energy output in public sector | | |
| GRE8 | 2008 | Greece | Tertiary | Obligatory installation of central thermal solar systems in buildings of tertiary sector | | |
| GRE9 | 2011 | Greece | Tertiary | Energy savings in Local Self-Governments. - "Econimize" program | | |
| GRE10 | 2011 | Greece | Tertiary | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - Energy Performance of Buildings of Tertiary sector | | |
| GRE11 | 2008 | Greece | Tertiary | EU-related: Energy Labelling Office Equipment (Energy Star) - Energy Labelling of appliances and minimum energy efficiency | | |
| GRE12 | 2009 | Greece | Tertiary | Installation of electronic and intelligent metering of electricity and natural gas tertiary consumers | | |
| GRE13 | 2012 | Greece | Tertiary | Energy upgrading of existing buildings through third-party financing arrangements (TPF), energy performance contracting and | | |
| GRE14 | 2009 | Greece | Tertiary | Promotion of Combined heat and power (CHP) and district heating systems- Tertiary Sector | | |
| GRE15 | 2008 | Greece | Tertiary | Mandatory procurement procedures (for energy efficient technologies and renewable energy technologies & #8221; green s | | |
| GRE16 | 2014 | Greece | Tertiary | Green Roof Application in Public Buildings | | |
| GRE17 | 2014 | Greece | Tertiary | The Program & #8220;Bioclimatic Urban Reformation& #8221; | | |
| GRE18 | 2014 | Greece | Tertiary | Installation of high-efficiency CHP units in conjunction with natural gas cooling systems in hospitals | | |
| GRE19 | 2014 | Greece | Tertiary | Measures for energy efficiency improvements in school buildings | | |
| GRE20 | 2014 | Greece | Tertiary | Measures for energy efficiency improvements in public buildings | | |
| GRE21 | 2014 | Greece | Tertiary | Implementation of an energy management system (EMS) in the tertiary and public sectors | | |
| GRE10 | 2011 | Greece | Transport | Incentives for replacement private vehicles | | |
| GRE11 | 2010 | Greece | Transport | Introduction of Biofuels | | |
| GRE12 | 2011 | Greece | Transport | Energy savings in Local Self-Governments. - "ECONOMIZE" program-transport | | |
| GRE13 | 2010 | Greece | Transport | Taxation of new cars according CO2 emission | | |
| GRE15 | 2009 | Greece | Transport | Promotion of economical, safe and eco-driving | | |
| GRE9 | 2011 | Greece | Transport | Urban mobility plans | | |
| GRE13 | 2008 | Greece | Cross-Cutting | Information system for monitoring energy efficiency and achieved energy savings | | |
| GRE14 | 2010 | Greece | Cross-Cutting | Tax exemptions for energy saving investments | | |
| | | Greece | Residential | Measure Package Residential Sector | 0.161 | 0.373 |
| | | Greece | Tertiary | Measure Package Tertiary Sector | 0.083 | 0.199 |
| | | Greece | Transport | Measure Package Transport | 0.041 | 0.093 |
| | | Greece | Cross-Cutting | Increasing excise duty on heating oil consumption | 0.096 | 0.223 |
| HUN20 | 2008 | Hungary | Residential | Residential energy saving programme for 2008 | | |
| HUN22 | 2009 | Hungary | Residential | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - HU71 Energy performance certificate for new dwelling | | |
| HUN25 | 2009 | Hungary | Residential | Residential energy saving programme for 2009 | | |
| HUN26 | 2009 | Hungary | Residential | Green Investment Climate-friendly Home Sub-programme (ZBR-Panel) / Green Investment System Climate friendly Home s | | |
| HUN27 | 2008 | Hungary | Residential | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - Energy review of heat producing sets and air condition | | |
| HUN29 | 2009 | Hungary | Residential | Replacement of household appliances subprogramme of the Green Investment System | | |
| HUN11 | 2008 | Hungary | Transport | EU-related: Speed limitation devices for certain categories of motor vehicles (Directive 2002/85/EC) - Speed limits for cars, t | | |
| HUN12 | 2011 | Hungary | Transport | On the facilitation of the procurement of energy efficient public vehicle | | |
| HUN16 | 2008 | Hungary | Cross-Cutting | Integration of the sub-urban railway and public transport system in Riga | | |
| | | Hungary | Residential | Measure Package Households | 0.251 | 0.251 |
| | | Hungary | Tertiary | Measure Package Public institutions | 0.176 | 0.176 |
| | | Hungary | Industry | Measure Package Industry, productive sectors | 0.156 | 0.156 |
| | | Hungary | Transport | Measure Package Transportation | 0.055 | 0.055 |
| | | Hungary | Cross-Cutting | Measure Package Horizontal and Cross-sectoral (other) | 0.048 | 0.048 |
| | 2014 | Hungary | Cross-Cutting | Energy saving obligation | 0.194 | 0.633 |

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| IRL14 | 2008 | Ireland | Industry | Assessment of Renewable Energy Alternatives at Design Stage | | |
| IRL16 | 2008 | Ireland | Industry | Building Energy Rating | | |
| IRL17 | 2008 | Ireland | Industry | Tax Relief for Energy Saving Equipment - Accelerated Capital Allowance | 0.016 | 0.030 |
| IRL25 | 2008 | Ireland | Residential | Building Regulations 2008 | 0.104 | 0.181 |
| IRL27 | 2009 | Ireland | Residential | EU-related: Recast Ecodesign Directive for Energy-related Products (Directive 2009/125/EC) - Ener | 0.103 | 0.103 |
| IRL29 | 2016 | Ireland | Residential | Smart Metering | 0.032 | 0.054 |
| IRL30 | 2009 | Ireland | Residential | Upgrade of Older Housing Stock - Home Energy Savings Scheme & Housing Aid for Older People Sc | 0.031 | 0.031 |
| IRL32 | 2012 | Ireland | Residential | Micro CHP | | |
| IRL34 | 2008 | Ireland | Residential | Condensing Boilers - Minimum Boiler Efficiency | 0.069 | 0.103 |
| IRL35 | 2012 | Ireland | Residential | Periodic Mandatory Inspection of Boilers | | |
| IRL40 | 2011 | Ireland | Residential | Building regulations 2011 | 0.033 | 0.072 |
| IRL41 | 2016 | Ireland | Residential | Building Regulations - Nearly Zero Energy Homes | 0.001 | 0.019 |
| IRL22 | 2008 | Ireland | Tertiary | Assessment of Renewable Energy Alternatives at Design Stage | | |
| IRL24 | 2008 | Ireland | Tertiary | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - Building Energy Rating | | |
| IRL26 | 2009 | Ireland | Tertiary | Energy Efficient Lighting | | |
| IRL28 | 2008 | Ireland | Tertiary | Energy Star | | |
| IRL29 | 2008 | Ireland | Tertiary | Air Conditioning | | |
| IRL30 | 2008 | Ireland | Tertiary | Tax Relief for Energy Saving Equipment - Accelerated Capital Allowance | | |
| IRL33 | 2008 | Ireland | Tertiary | Minimum efficiency standards for boilers | | |
| IRL35 | 2008 | Ireland | Tertiary | 2008 Building Regulations - Adjustments to Part L- Conservation of Fuel and Energy | | |
| IRL12 | 2009 | Ireland | Transport | Sustainable Travel and Transport Action Plan | | |
| IRL18 | 2008 | Ireland | Transport | Mineral Oil Tax | | |
| IRL22 | 2008 | Ireland | Transport | EU-related: Promotion of the Use of Biofuels or Other Renewable Fuels for Transport (2003/30/EC) | | |
| IRL23 | 2010 | Ireland | Transport | Private car scrappage scheme | | |
| IRL25 | 2009 | Ireland | Transport | Ecodriving - driver training and licensing | | |
| IRL5 | 2010 | Ireland | Cross-Cutting | Toll Rates for the Use of Motorways | | |
| IRL6 | 2008 | Ireland | Cross-Cutting | Development of public transport network | | |
| IRL42 | 2011 | Ireland | Residential | Better Energy Homes (Residential Retrofit) | | |
| IRL15 | 2008 | Ireland | Transport | EU-related: Emission performance standards new passenger cars (Regulation 443/2009/EC) -) - Emissions based Annual Mot | | |
| IRL16 | 2008 | Ireland | Transport | EU-related: Emission performance standards new passenger cars (Regulation 443/2009/EC) -) - Emissions based Vehicle Reg | | |
| IRL20 | 2008 | Ireland | Transport | EU-related: Promotion of Biofuels or other Renewable Fuels for Transport (Directive 2003/30/EC) | | |
| IRL21 | 2009 | Ireland | Transport | National Cycling Policy Framework | | |
| IRL27 | 2011 | Ireland | Transport | Electric Vehicles | | |
| ITA17 | 2008 | Italy | Tertiary | Measure for efficient lighting and control systems | | |
| ITA18 | 2009 | Italy | Transport | Improved Mobility in the Smaller Italian Islands (MINIMI Project) [Mobilità innovativa Nelle Isole Minori Italiane] | | |
| ITA20 | 2008 | Italy | Transport | Financial package for old vehicles scrapping | | |
| ITA10 | 2011 | Italy | Cross-Cutting | Taxes on gasoline and auto diesel oil | | |
| ITA13 | 2013 | Italy | Industry | Market incentives: white certificates | | |
| ITA13 | 2013 | Italy | Industry | Market incentives: white certificates | | |
| ITA1 | 2012 | Italy | Residential | EU-related: Revised Directive for Labelling of Energy-related Products (Directive 2010/30/EU) - Energy labelling of household | | |
| ITA28 | 2009 | Italy | Residential | Mandatory use of solar thermal energy in buildings | | |
| ITA32 | 2011 | Italy | Residential | EU-related: Revised Directive for Labelling of Energy-related Products (Directive 2010/30/EU) - Eco Design Directive, Framew | | |
| ITA32 | 2011 | Italy | Residential | EU-related: Revised Directive for Labelling of Energy-related Products (Directive 2010/30/EU) - Eco Design Directive, Framew | | |
| ITA33 | 2013 | Italy | Residential | White Certificates | | |
| ITA33 | 2013 | Italy | Residential | White Certificates | | |
| ITA33 | 2013 | Italy | Residential | White Certificates | | |
| ITA29 | 2011 | Italy | Residential | EU-related: Ecodesign Directive for Energy-using Products (Directive 2005/32/EC) - Standard for efficient lighting and electri | | |
| ITA30 | 2013 | Italy | Residential | Fiscal incentives for energy savings in the household sector:Ecobonus 2014 and tax deduction for r | 1.360 | 1.920 |
| ITA30 | 2013 | Italy | Residential | Fiscal incentives for energy savings in the household sector:Ecobonus 2014 and tax deduction for renovations and appliances | | |
| ITA37 | 2013 | Italy | Residential | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Energy performance of newly erected an | | |
| ITA4 | 2013 | Italy | Tertiary | Design Norms for Thermal Plant Regulation and Metering | | |
| ITA14 | 2013 | Italy | Tertiary | White Certificates | | |
| ITA2 | 2013 | Italy | Cross-Cutting | White certificates: market based instruments promoting energy efficiency | 4.140 | 5.490 |
| ITA11 | 2013 | Italy | Cross-Cutting | Renewable energy for heating & cooling support scheme | 0.630 | 1.470 |
| ITA38 | 2013 | Italy | Residential | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Nearly Zero | | |
| ITA39 | 2013 | Italy | Residential | Design Norms for Thermal Plant Regulation and Metering | | |
| ITA40 | 2013 | Italy | Residential | Renewable energy for heating & cooling support scheme | | |
| ITA21 | 2013 | Italy | Tertiary | Renewable energy for heating & cooling support scheme | | |
| ITA22 | 2013 | Italy | Tertiary | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Nearly Zero | | |
| ITA23 | 2013 | Italy | Tertiary | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Energy | | |

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|-------|------|------------|---------------|--|-------|-------|
| LV21 | 2008 | Latvia | Industry | Investments in Rural Villages' Energy Supply Systems Utilising Renewables | | |
| LV27 | 2011 | Latvia | Industry | Energy Efficiency Investments in Industrial Heat Supply | | |
| LV27 | 2009 | Latvia | Residential | EU-related Energy Performance of Buildings (Directive 2002/91/EC) | | |
| LV28 | 2009 | Latvia | Residential | Increasing Energy Efficiency in Multi Apartment Buildings | 0.014 | 0.032 |
| LV34 | 2009 | Latvia | Industry | Energy Efficiency Investments in District Heating (Measures to Improve the Efficiency of Centralis | 0.055 | 0.086 |
| LV35 | 2009 | Latvia | Industry | Investments to Produce Energy from Biomass of Agriculture and Forestry Origin | | |
| LV36 | 2011 | Latvia | Industry | Development of CHP Utilising Renewables | | |
| LV39 | 2011 | Latvia | Industry | Agreements on Improving Energy Efficiency by Promoting the Implementation of Industrial Energy Audits and | | |
| LV22 | 2010 | Latvia | Industry | Reduced Excise Duties Rate for Oil Products Mixed with Biofuel and Utilised for Heat Production | | |
| LV23 | 2008 | Latvia | Industry | EU-related: EU Emission Trading Scheme (2003/87/EC) - ETS 2008-2012 | | |
| LV24 | 2012 | Latvia | Industry | Complex Solutions for GHG Emissions Reduction in Industrial Buildings | 0.009 | 0.029 |
| LV25 | 2012 | Latvia | Industry | Investments in Renewable Technologies for Heat and Electricity Production to Reduce GHG emissions | | |
| LV26 | 2010 | Latvia | Industry | Energy Efficiency Requirements for District Heating Systems | | |
| LV29 | 2010 | Latvia | Residential | Information Campaign "Live Warmer" | | |
| LV30 | 2013 | Latvia | Residential | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Energy Audits and Energy Cc | | |
| LV31 | 2012 | Latvia | Residential | Grants for Renewable Energy Technologies in Households | | |
| LV32 | 2014 | Latvia | Residential | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Improving mini | 0.003 | 0.013 |
| LV33 | 2010 | Latvia | Residential | Increasing Heat Energy Efficiency in Social Apartment Buildings (Measures to Improve the Therm | 0.000 | 0.001 |
| LV34 | 2011 | Latvia | Residential | Low Energy Building | | |
| LV35 | 2012 | Latvia | Residential | Minimal Energy Efficiency Requirements for Multidwelling Buildings | | |
| LV36 | 2011 | Latvia | Residential | EU-related: Recast Ecodesign Directive for Energy-related Products (Directive 2009/125/EC) - EU-related Recast | | |
| LV3 | 2008 | Latvia | Tertiary | Information campaigns on applying energy efficient electrical equipment | | |
| LV6 | 2008 | Latvia | Tertiary | Implementation of the Exemplary Role of the Public Sector | 0.002 | 0.001 |
| LV6 | 2015 | Latvia | Tertiary | Implementation of the Exemplary Role of the Public Sector | 0.001 | 0.000 |
| LV7 | 2010 | Latvia | Tertiary | Investments in Municipal Public Buildings' Energy Efficiency to Reduce GHG emissions | 0.011 | 0.018 |
| LV8 | 2011 | Latvia | Tertiary | Investments in Complex Solutions for GHG Emissions Reduction in Professional Education Institut | 0.003 | 0.005 |
| LV9 | 2012 | Latvia | Tertiary | Investments in Renewable Technologies for Heat and Electricity Production to Reduce GHG emissions | | |
| LV10 | 2013 | Latvia | Tertiary | Low Energy Buildings | | |
| LV11 | 2012 | Latvia | Tertiary | Investments in Public Territories' Lighting Infrastructure to Reduce GHG Emissions | | |
| LV12 | 2014 | Latvia | Tertiary | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Improving minimum energy | | 0.023 |
| LV13 | 2009 | Latvia | Tertiary | Green Public Procurement | | |
| LV14 | 2010 | Latvia | Tertiary | Reduced excise duties rate for oil products mixed with biofuel and utilised for heat production | | |
| LV15 | 2013 | Latvia | Tertiary | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Energy Certification of Non- | | |
| LV16 | 2010 | Latvia | Transport | Integration of the sub-urban railway and public transport system in Riga | | 0.004 |
| LV19 | 2010 | Latvia | Transport | EU-related: Fiscal Measures to Promote Car Fuel Efficiency - Fiscal Measures to Reduce CO2 emissions of Cars | | |
| LV20 | 2010 | Latvia | Transport | Increasing the Efficiency of the Existing Main Road Network and Planning the Transport System in the City of R | | 0.007 |
| LV22 | 2010 | Latvia | Transport | Biofuel Mix Obligation | | |
| LV23 | 2014 | Latvia | Transport | Toll Rates for the Use of Motorways | | |
| LV24 | 2011 | Latvia | Transport | Development of public transport network | | |
| LV14 | 2011 | Latvia | Cross-Cutting | Promotion Public Understanding on the Importance and Possibilities of GHG Emissions Reduction | | |
| LV8 | 2010 | Latvia | Cross-Cutting | Preferential Feed-in tariffs for Renewables | | |
| LV9 | 2009 | Latvia | Cross-Cutting | Preferential Feed-in Tariffs for CHP | | |
| LV15 | 2014 | Latvia | Cross-Cutting | Taxation of Subsidized Electricity | | |
| LV41 | 2009 | Latvia | Residential | Increasing Energy Efficiency in Multi Apartment Buildings (Measures to Improve the Thermal | | |
| LV25 | 2010 | Latvia | Transport | EU-related: Promotion of clean and energy-efficient road transport vehicles (Directive | | |
| | 2014 | Lithuania | Cross-Cutting | Energy efficiency obligation | 0.023 | 0.163 |
| | 2014 | Lithuania | Cross-Cutting | Complementing measures (financed from structural funds, state budget and other sources) | 0.011 | 0.040 |
| LUX10 | 2011 | Luxembourg | Industry | Voluntary Agreement of 2011 | 0.009 | 0.009 |
| LUX3 | 2012 | Luxembourg | Industry | Realising electricity savings potential of industrial cross-cutting technologies | 0.005 | 0.010 |
| LUX5 | 2010 | Luxembourg | Industry | EU-related: Combined Heat Power (Cogeneration) (Directive 2004/8/EC) - Grand Ducal Regulation | | |
| LUX6 | 2010 | Luxembourg | Industry | EU-related: Amended EU Emission Trading Scheme (Directive 2009/29/EC) - Grand Ducal Regulation | | |
| LUX7 | 2010 | Luxembourg | Industry | EU-related: Integrated Pollution Prevention and Control IPPC (Directive 2008/1/EC) - Grand Ducal | | |
| LUX9 | 2008 | Luxembourg | Industry | Voluntary Agreement of 2008 | 0.004 | 0.004 |
| LUX14 | 2008 | Luxembourg | Residential | Old building upgrade programme | 0.002 | 0.002 |
| LUX16 | 2012 | Luxembourg | Residential | Expansion of the upgrading programme for old buildings | 0.003 | 0.003 |
| LUX17 | 2010 | Luxembourg | Residential | Renewal of oldest heating systems | 0.001 | 0.001 |
| LUX18 | 2012 | Luxembourg | Residential | Increase in promotion of efficient new building (new buildings, as against WD2008) | 0.000 | 0.002 |
| LUX19 | 2009 | Luxembourg | Residential | EU-related: Ecodesign Directive for Energy-using Products (Directive 2005/32/EC) - Law establishi | | |
| LUX20 | 2010 | Luxembourg | Residential | EU-related: Recast Ecodesign Directive for Energy-related Products (Directive 2009/125/EC) - Law | | |
| LUX24 | 2010 | Luxembourg | Residential | Support of efficiency labelling | 0.001 | 0.002 |
| LUX2 | 2008 | Luxembourg | Tertiary | Improvement in the U-values of the non-domestic buildings (WD2008) | 0.008 | 0.008 |
| LUX3 | 2011 | Luxembourg | Tertiary | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - Expansion of the Ordinance | 0.017 | 0.031 |
| LUX4 | 2012 | Luxembourg | Tertiary | Realising electricity savings potential in the TCS sector | 0.009 | 0.016 |
| LUX4 | 2008 | Luxembourg | Cross-Cutting | Further realising of potential for decentralised renewables (excluding biomass) | | |
| LUX6 | 2010 | Luxembourg | Cross-Cutting | Further expansion of decentralised biomass use | | |
| LUX13 | 2008 | Luxembourg | Residential | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - Ordinance on the energy pe | 0.030 | 0.052 |
| LUX15 | 2008 | Luxembourg | Residential | Promotion of energy-efficient new homes (new building compared with WD2008: low-energy ho | 0.001 | 0.002 |
| LUX21 | 2012 | Luxembourg | Residential | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Ordinance on t | 0.005 | 0.014 |
| | 2014 | Malta | Cross-Cutting | Energy efficiency obligation | 0.003 | 0.010 |

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| NLD19 | 2008 | Netherlands | Industry | Long Term Agreements with the industry, third phase (MIA3) | | |
| NLD20 | 2009 | Netherlands | Industry | Heatmaps | | |
| NLD17 | 2008 | Netherlands | Residential | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Energy | | |
| NLD20 | 2009 | Netherlands | Residential | Heat distribution law (warmtewet) | | |
| NLD21 | 2008 | Netherlands | Residential | More with Less plan (Meer met Minder) | | |
| NLD22 | 2008 | Netherlands | Residential | Pilots energy saving for homeowners and private landlords in combination with district approach | | |
| NLD23 | 2008 | Netherlands | Residential | Financial support homeowners | | |
| NLD25 | 2008 | Netherlands | Residential | Covenant energy savings in newly produced buildings (Spring Agreement) | | |
| NLD27 | 2008 | Netherlands | Residential | Covenant energy savings by housing corporations | | |
| NLD19 | 2010 | Netherlands | Tertiary | Internal emission trading system for the greenhouse sector | | |
| NLD20 | 2008 | Netherlands | Tertiary | Taskforce lighting | | |
| NLD18 | 2008 | Netherlands | Transport | Railfreight (Betuwerij) | | |
| | | Netherlands | Cross-Cutting | Measure Package Buildings | | |
| | | Netherlands | | Established policy, households | | |
| | | Netherlands | Residential | EPC 0.6 | 0.067 | 0.141 |
| | | Netherlands | Residential | Voluntary agreements, existing buildings | 0.037 | 0.073 |
| | | Netherlands | Residential | Other policy, including energy taxation and SDE supplement | 0.062 | 0.143 |
| | | Netherlands | Residential | Further than Ecodesign | 0.007 | 0.018 |
| | | Netherlands | | Established policy, services | | |
| | | Netherlands | Tertiary | EPC and other national policy | 0.042 | 0.051 |
| | | Netherlands | Tertiary | Other policy | 0.007 | 0.018 |
| | | Netherlands | | New policy, households and services | | |
| | | Netherlands | Cross-Cutting | Owner-occupier sector | 0.026 | 0.060 |
| | | Netherlands | Cross-Cutting | (Social) rental sector | 0.079 | 0.182 |
| | | Netherlands | Cross-Cutting | Social and other real estate | 0.134 | 0.313 |
| | | Netherlands | Industry | Measure Package Industry | | |
| | | Netherlands | Industry | Established policy, industry | | |
| | | Netherlands | Industry | Combined impact of existing policy | 0.167 | 0.394 |
| | | Netherlands | Industry | New policy, industry | | |
| | | Netherlands | Industry | Energy Investment Allowance (EIA) | 0.036 | 0.105 |
| | | Netherlands | Industry | Long-term voluntary agreement on energy efficiency, ETS companies (MEE) | 0.005 | 0.012 |
| | | Netherlands | Industry | Enforcement, MIA3 | 0.002 | 0.007 |
| | | Netherlands | Industry | Enforcement, other industry | 0.007 | 0.031 |
| | | Netherlands | Industry | Enforcement, building-related consumption, industry | 0.026 | 0.079 |
| | | Netherlands | Tertiary | Measure Package Agriculture/Horticulture | | |
| | | Netherlands | Tertiary | Established policy, agriculture/horticulture | | |
| | | Netherlands | Tertiary | Direct use of solar heat | | 0.001 |
| | | Netherlands | Tertiary | LED lighting | 0.001 | 0.007 |
| | | Netherlands | Tertiary | Avoidance of summer heating | 0.001 | 0.008 |
| | | Netherlands | Tertiary | Het Nieuwe Tellen [Eco cultivation] | 0.001 | 0.010 |
| | | Netherlands | Tertiary | Better insulation | | 0.001 |
| | | Netherlands | Tertiary | Established policy, agriculture/horticulture | | |
| | | Netherlands | Tertiary | Private system, greenhouse horticulture | 0.031 | 0.053 |
| | | Netherlands | Transport | Measure Package Transport | | |
| | | Netherlands | Transport | Established policy transport | | |
| | | Netherlands | Transport | Construction of loading docks for inland waterway transport | 0.000 | 0.001 |
| | | Netherlands | Transport | Increase in duty on diesel by 3 ct./l in 2014 | 0.006 | 0.013 |
| | | Netherlands | Transport | Increase in duty on LPG by 7 ct./l in 2014 | 0.000 | 0.001 |
| | | Netherlands | Transport | Electric cars | | 0.051 |
| | | Netherlands | Transport | Modal split in freight traffic through port policy | 0.002 | 0.004 |
| | | Netherlands | Transport | Electric bicycles with 10% car replacement (or autonomous) | | |
| | | Netherlands | Transport | Continuation of more fuel-efficient driving among new drivers | 0.005 | 0.012 |
| | | Netherlands | Transport | Continuation of incentives for fuel-efficient cars | 0.028 | 0.066 |
| PL6 | 2008 | Poland | Tertiary | Increasing the proportion of energy saving products available in the market | | |
| PL10 | 2009 | Poland | Transport | Toll on highways | | |
| PL11 | 2009 | Poland | Transport | Vehicle taxation | | |
| PL8 | 2009 | Poland | Transport | Fuel Tax | | |
| PL3 | 2008 | | | | | |
| PL10 | 2011 | Poland | Industry | Priority Programme "Efficient use of energy. Part I" - Grants for energy audits in industrial enterprises | | |
| PL11 | 2011 | Poland | Industry | Priority Programme "Efficient use of energy. Part II" - Soft loans support for investments decreasing energy consumption | 0.105 | 0.114 |
| PL12 | 2011 | Poland | Industry | Polish Sustainable Energy Financing Facility (PolSEFF) | 0.012 | 0.012 |
| PL13 | 2012 | Poland | Industry | Priority Programme "Smart Grids" | | |
| PL8 | 2008 | Poland | Industry | 2007 to 2013 Infrastructure and Environment Operations Programme and Regional Operations Programme | 0.023 | 0.023 |
| PL9 | 2008 | Poland | Industry | 2007 to 2013 Infrastructure and Environment Operations Programme and Regional Operations Programme | 0.008 | 0.008 |
| PL11 | 2009 | Poland | Residential | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - Certificates of energy performance | | |
| PL9 | 2010 | Poland | Residential | Promotion of solar collectors in households sector | | |
| PL10 | 2014 | Poland | Residential | Requirements for new and modernised buildings | | |
| PL2 | 2014 | Poland | Tertiary | Technical Requirements for Buildings and their Location | | |
| PL13 | 2010 | Poland | Tertiary | Green Investment Scheme. Part 5 – Energy Management in Buildings of Selected Public Sector Entities | 0.008 | 0.014 |
| PL13 | 2010 | Poland | Tertiary | Green Investment Scheme. Part 5 – Energy Management in Buildings of Selected Public Sector Entities | | |
| PL12 | 2010 | Poland | Tertiary | Green Investment Scheme. Part 1 - energy management in public buildings | 0.192 | 0.268 |
| PL14 | 2013 | Poland | Tertiary | Programme "Energy Savings and Renewable Energy Sources Promotion" (under the EEA Financial Instrument) | | |
| PL9 | 2008 | Poland | Tertiary | Infrastructure and Environment Operations Programme and the Regional Operations Programme | 0.015 | 0.016 |
| PL11 | 2011 | Poland | Tertiary | Exemplary role of public sector | | |
| PL2 | 2008 | Poland | Transport | Traffic management system and transport of goods optimisation | 0.044 | 0.044 |
| PL3 | 2014 | Poland | Transport | Fleet replacement program in public transport and the promotion of eco driving | 1.082 | 2.016 |
| PL12 | 2013 | Poland | Cross-Cutting | System of white certificates - Energy efficiency Act | 1.100 | 1.100 |
| PL9 | 2012 | Poland | Cross-Cutting | Information campaigns, training and education | 0.030 | 0.030 |
| | | Poland | Cross-Cutting | Operational Programme PL04 | 0.016 | 0.016 |
| | | Poland | Cross-Cutting | LEMUR (by National Fund for Environmental Protection) | 0.006 | 0.012 |
| | | Poland | Tertiary | Regional Operational Programmes 2007-2013 (public sector) | 0.044 | 0.044 |
| | | Poland | Tertiary | Regional Operational Programmes 2014-2020 (public sector) | 0.015 | 0.033 |
| | | Poland | Cross-Cutting | Operational Programme Infrastructure and Environment 2014-2020 | 0.003 | 0.006 |
| | | Poland | Cross-Cutting | Green Investment Scheme (SOWA) part 6) - by National Fund for Environmental Protection | 0.003 | 0.003 |
| | | Poland | Cross-Cutting | Operational Programme Infrastructure and Environment (activity 9.4 - Energy Generation from Renewable Energy Sources) | 0.002 | 0.002 |
| | | Poland | Cross-Cutting | Regional Operational Programmes 2007-2013 (private sector) | 0.010 | 0.010 |
| | | Poland | Cross-Cutting | Regional Operational Programmes 2014-2020 (private sector) | 0.003 | 0.008 |
| | | Poland | Cross-Cutting | Operational Programme Infrastructure and Environment 2014-2020 | 0.006 | 0.013 |

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|-------|------|----------|---------------|---|-------|-------|
| POR4 | 2008 | Portugal | Industry | Intensive Energy Consumption Management System (SGCIE) | | |
| POR15 | 2008 | Portugal | Residential | Detaching people from acquiring new inefficient equipment | | |
| POR16 | 2008 | Portugal | Residential | Equipment replacement | | |
| POR17 | 2008 | Portugal | Residential | Remodelling Measures | | |
| POR18 | 2008 | Portugal | Residential | Efficiency in Residential Buildings | | |
| POR19 | 2008 | Portugal | Residential | Renewable at the Time: Micro generation | | |
| POR20 | 2008 | Portugal | Residential | Renewable at the Time: Solar Thermal Program | | |
| POR14 | 2008 | Portugal | Tertiary | Office Equipment Renewal | | |
| POR13 | 2008 | Portugal | Tertiary | Efficiency in Office Buildings | | |
| POR11 | 2009 | Portugal | Transport | Programme for Electric Mobility in Portugal | | |
| POR13 | 2009 | Portugal | Transport | State vehicle park procurement rules: Fleet renewal and CO2 emission limits | | |
| POR14 | 2008 | Portugal | Transport | Reviving the decommissioning programme for end-of-life vehicles | | |
| POR15 | 2008 | Portugal | Transport | Green Taxes – Review of the private vehicle tax regime (PNAC 2006 Measure) | | |
| POR16 | 2008 | Portugal | Transport | Right Tyre and Fuel Efficiency | | |
| POR17 | 2008 | Portugal | Transport | New vehicles more "aware" of fuel savings | | |
| POR18 | 2008 | Portugal | Transport | Regional Planning and Urban Mobility in District Capitals | | |
| POR19 | 2008 | Portugal | Transport | Urban Mobility Plans in office parks and industrial parks | | |
| POR20 | 2008 | Portugal | Transport | Use of more energy efficient transport | | |
| POR7 | 2010 | Portugal | Cross-Cutting | Speed Limits and Active Traffic Management | | |
| | | Portugal | Transport | Measure Package Transport | 0.026 | 0.058 |
| | | Portugal | Residential | Measure Package Residential | 0.103 | 0.213 |
| | | Portugal | Industry | Measure Package Industry | 0.069 | 0.138 |
| | | Portugal | Tertiary | Measure Package Public Sector | 0.035 | 0.083 |
| RO22 | 2009 | Romania | Residential | Individual billing of the consumers supplied by public district heating systems | | |
| RO29 | 2008 | Romania | Residential | EU-related: Revised Directive for Labelling of Energy-related Products (Directive 2010/30/EU) - Energy efficiency improvement | | |
| RO39 | 2012 | Romania | Residential | Renewable energy use - The GREEN HOUSE Program | | |
| RO10 | 2008 | Romania | Industry | EU-related: EU Emission Trading Scheme (2003/87/EC) - Implementation of greenhouse gas emission trading in Romania | | |
| RO11 | 2009 | Romania | Industry | EU-related: Combined Heat Power (Cogeneration) (Directive 2004/8/EC) - The promotion of CHP's | | |
| RO2 | 2008 | Romania | Industry | Improvement of Energy Efficiency amongst industrial operators through the signing of long-term agreements (LTAs) | | |
| RO3 | 2009 | Romania | Industry | The improvement of energy efficiency in industrial operators | | |
| RO7 | 2010 | Romania | Industry | Grant-supported credit line for Romania that has been established by the European Commission and the European Bank for Reconstruction and Development | | |
| RO7 | 2008 | Romania | Tertiary | Improvement of public lighting system | | |
| RO8 | 2012 | Romania | Tertiary | Renewable energy use - The GREEN HOUSE Program | | |
| RO9 | 2008 | Romania | Tertiary | EU-related: Ecodesign Directive for Energy-using Products (Directive 2005/32/EC) - Promoting the development of energy efficient products | | |
| RO11 | 2009 | Romania | Tertiary | EU-related: Energy Labelling Office Equipment (Energy Star) - Promote the use of energy efficient household appliances and office equipment | | |
| RO12 | 2011 | Romania | Tertiary | Increase efficiency and reduce consumption of water supply facilities | | |
| RO13 | 2010 | Romania | Tertiary | Making local energy planning | | |
| RO3 | 2010 | Romania | Cross-Cutting | Promotion of high efficiency cogeneration | | |
| | 2014 | Romania | Cross-Cutting | Alternative policy measures for the implementation of Art. 7 (EED) | 0.314 | 1.027 |
| SK10 | 2011 | Slovakia | Industry | Mandatory Energy Audits in Industry and Agriculture | | |
| SK13 | 2011 | Slovakia | Industry | Promotion of energy efficiency in Industry - SLOVSEFF II | | |
| SK9 | 2008 | Slovakia | Industry | Operational Programme "Competitiveness and Economic Growth" priority line Energy, Measure 1.1 - Innovations and technologies | | |
| SK10 | 2012 | Slovakia | Residential | Mandatory technical requirements on insulation of heating and domestic hot water distribution pipes | | |
| SK11 | 2008 | Slovakia | Residential | Hydronic balancing of the heating and domestic hot water systems | | |
| SK17 | 2009 | Slovakia | Residential | Information campaign Live with Energy - EU Structural funds, OP Competitiveness and Economic Growth, Measure 2.2 | | |
| SK9 | 2011 | Slovakia | Residential | EU-related: Revised Directive for Labelling of Energy-related Products (Directive 2010/30/EU) - Act on labelling of energy related products | | |
| SK13 | 2008 | Slovakia | Tertiary | Improvement of thermal technical properties of buildings including technical equipment - Eko Fund | | |
| SK18 | 2011 | Slovakia | Tertiary | Improvement of thermal technical properties of buildings - Public buildings - Pilot project for energy efficiency of public buildings | | |
| SK21 | 2009 | Slovakia | Tertiary | Information campaign and energy advice services Live with Energy - EU Structural funds, OP Competitiveness and Economic Growth | | |
| SK8 | 2011 | Slovakia | Transport | EU-related: Promotion of clean and energy-efficient road transport vehicles (Directive 2009/33/EC) - Act on promotion of energy efficient vehicles | | |
| SK9 | 2009 | Slovakia | Transport | Modernization of passenger cars fleet - scrappage scheme | | |
| SK12 | 2009 | Slovakia | Cross-Cutting | Low carbon buses & SAFED bus driver training | | |
| SK14 | 2009 | Slovakia | Cross-Cutting | EU-related: Fiscal Measures to Promote Car Fuel Efficiency - Company Car Taxation | | |
| SK19 | 2008 | Slovakia | Cross-Cutting | Speed limits | | |
| SK20 | 2008 | Slovakia | Cross-Cutting | Subsidies for vehicles with alternative propulsion | | |
| SK21 | 2008 | Slovakia | Cross-Cutting | Energy efficient urban transport | | |
| SK23 | 2011 | Slovakia | Cross-Cutting | Investments for cleaner transport (Environmental protection and energy efficiency Fund) | | |
| SK24 | 2010 | Slovakia | Cross-Cutting | EU-related: Energy labelling of tyres (Regulation 1222/2009/EC) - Law for the implementation of energy labelling of tyres | | |
| SK24 | 2010 | Slovakia | Cross-Cutting | Creating Infrastructure for using bicycles | | |
| | 2014 | Slovakia | Cross-Cutting | Energy efficiency obligation | 0.152 | 0.427 |
| | 2014 | Slovakia | Cross-Cutting | Complementary policy measures | 0.029 | 0.082 |
| | 2014 | Slovenia | Cross-Cutting | Energy efficiency obligation | 0.015 | 0.079 |
| | 2014 | Slovenia | Cross-Cutting | Eco Fund (Eko sklad) | 0.034 | 0.110 |

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|-------|------------|---------------|---|-------|-------|
| SPA19 | 2011 Spain | Industry | Action Plan 2011-2020: Energy Audits | | |
| SPA20 | 2011 Spain | Industry | Action Plan 2011-2020: Improvement in the technologies of equipment and processes (BAT). | 1.347 | 2.747 |
| SPA22 | 2011 Spain | Industry | Action Plan 2011-2020: Establishment of energy management systems | 0.090 | 0.222 |
| SPA22 | 2011 Spain | Residential | Action Plan 2011-2020: Improvement of the energy efficiency of the electric appliances stock | 0.053 | 0.061 |
| SPA25 | 2008 Spain | Residential | Plan for Replacement of Electricity Meters | | |
| SPA30 | 2011 Spain | Cross-Cutting | Action Plan 2011-2020: Renewal of the thermal casing in the existing buildings | 0.448 | 0.513 |
| SPA31 | 2011 Spain | Cross-Cutting | Action Plan 2011-2020: Improvement of energy efficiency of the thermal installations in existing b | 0.525 | 0.601 |
| SPA32 | 2011 Spain | Residential | Action Plan 2011-2020: Improvement of energy efficiency of the indoor lighting installations in ex | 0.389 | 0.557 |
| SPA37 | 2008 Spain | Residential | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - Regulation of Thermal Instal | | |
| SPA38 | 2009 Spain | Residential | IDAE's Financing Lines for Thermal Renewable Energies in Buildings: BIOMCASA-SOLCASA-GEOTC | | |
| SPA39 | 2011 Spain | Residential | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Action Plan 201 | 0.000 | 0.001 |
| SPA25 | 2011 Spain | Tertiary | Action Plan 2011-2020: Renewal of the existing outdoor lighting installations | 0.011 | 0.038 |
| SPA26 | 2011 Spain | Tertiary | Action Plan 2011-2020: Improvement of energy efficiency of the current water purification plants, | 0.036 | 0.067 |
| SPA27 | 2011 Spain | Tertiary | Action Plan 2011-2020: Studies, feasibility analyses and audits to improve the energy efficiency in | | |
| SPA28 | 2011 Spain | Tertiary | Action Plan 2011-2020: Training of the local council energy managers | | |
| SPA29 | 2008 Spain | Tertiary | Action Plan 2008-2012: Energy Saving and Efficiency Plans in Public Administrations | | |
| SPA36 | 2011 Spain | Cross-Cutting | Action Plan 2011-2020: Construction of new buildings and rehabilitation of the existing ones with | 0.129 | 0.163 |
| | 2011 Spain | Tertiary | Action Plan 2011-2020: Bundle of measure for energy saving in agriculture and fishing | 0.599 | 0.885 |
| SPA42 | 2009 Spain | Tertiary | IDAE's Financing Lines for Thermal Renewable Energies in Buildings: BIOMCASA-SOLCASA-GEOTC | | |
| SPA43 | 2009 Spain | Tertiary | Energy Efficiency Regulation in Street Lighting Installations | | |
| SPA44 | 2008 Spain | Tertiary | Green Public Procurement Plan | | |
| SPA46 | 2010 Spain | Tertiary | Plan to Boost Energy Services Contracts (Plan 2000 ESE) | | |
| SPA48 | 2011 Spain | Tertiary | Action Plan 2011-2020: Improvement of energy efficiency in commercial refrigeration installation | 0.000 | 0.001 |
| SPA49 | 2011 Spain | Tertiary | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Action Plan 201 | 0.000 | 0.001 |
| SPA30 | 2011 Spain | Transport | Action Plan 2011-2020: Sustainable Urban Mobility Plans | 0.463 | 0.659 |
| SPA31 | 2011 Spain | Transport | Action Plan 2011-2020: Transport Plans in firms and activity centres | 0.236 | 0.336 |
| SPA32 | 2011 Spain | Transport | Action Plan 2011-2020: Larger participation of collective means in road transport | 0.049 | 0.061 |
| SPA33 | 2011 Spain | Transport | Action Plan 2011-2020: Larger participation of railways in passenger and goods transport | 0.648 | 1.320 |
| SPA35 | 2011 Spain | Transport | Action Plan 2011-2020: Management of transport infrastructure | 1.015 | 1.290 |
| SPA36 | 2011 Spain | Transport | Action Plan 2011-2020: Management of road transport fleets | 0.232 | 0.294 |
| SPA37 | 2011 Spain | Transport | Action Plan 2011-2020: Management of aircraft fleets | | 0.014 |
| SPA38 | 2011 Spain | Transport | Action Plan 2011-2020: Eco-driving for cars and vans | 0.287 | 0.326 |
| SPA39 | 2011 Spain | Transport | Action Plan 2011-2020: Eco-driving for trucks and buses | 0.351 | 0.398 |
| SPA40 | 2011 Spain | Transport | Action Plan 2011-2020: Eco-driving for aircrafts | | 0.009 |
| SPA41 | 2011 Spain | Transport | Action Plan 2011-2020: Renewal of road transport fleets | 0.329 | 0.544 |
| SPA42 | 2011 Spain | Transport | SPA42 Action Plan 2011-2020: Renewal of air fleets | | 0.007 |
| SPA43 | 2011 Spain | Transport | Action Plan 2011-2020: Renewal of sea transport fleets | | 0.009 |
| SPA44 | 2011 Spain | Transport | Action Plan 2011-2020: Renewal of car fleets | 0.407 | 0.673 |
| SPA45 | 2008 Spain | Transport | EU-related: Promotion of Biofuels or other Renewable Fuels for Transport (Directive 2003/30/EC) | | |
| SPA46 | 2008 Spain | Transport | EU-related: Fiscal Measures to Promote Car Fuel Efficiency - Registration Tax Link to CO2 Emission | | |
| SPA47 | 2008 Spain | Transport | VIVE Plan (Aids to purchase clean vehicles) | | |
| SPA49 | 2010 Spain | Transport | Integral Strategy to Impulse the EV/PHEV in Spain 2010-2014 | | |
| SPA14 | 2011 Spain | Cross-Cutting | Law on Sustainable Economy | | |
| SPA39 | 2008 Spain | Tertiary | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - Energy Performance Certific | | |
| SPA45 | 2009 Spain | Tertiary | Activation Plan in the State's General Administration Buildings through ESCOS (Plan 330 ESE) | | |
| SPA48 | 2009 Spain | Transport | MOVELE Demonstration Project (Electric Mobility) | | |
| SPA48 | 2009 Spain | Transport | MOVELE Demonstration Project (Electric Mobility) | | |
| SPA15 | 2013 Spain | Cross-Cutting | JESSICA-F.I.D.A.E Fund (Energy Saving And Diversification Investment Fund) | | |
| SPA40 | 2014 Spain | Residential | PAREER Program (Aids Program for Energy Rehabilitation in Buildings in Household and Hotel | | |
| SPA41 | 2013 Spain | Residential | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - CER (Energy | | |
| SPA50 | 2014 Spain | Tertiary | PAREER Program (Aids Programme For Energy Rehabilitation In Buildings in Household and Hotel | | |
| SPA51 | 2013 Spain | Tertiary | PIMA SOL (Plan for Promoting Energy Rehabilitation of Hotel Sector) | | |
| SPA52 | 2013 Spain | Tertiary | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - (Energy | | |
| SPA52 | 2013 Spain | Tertiary | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - (Energy | | |
| SPA51 | 2012 Spain | Transport | PIVE Programme- Efficient Vehicle Incentive Programme | | |
| | 2007 Spain | Tertiary | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - Technical Building Code | | |
| | 2009 Spain | Tertiary | IDAE's Financing Lines for Thermal Renewable Energies in Buildings: BIOMCASA-SOLCASA- | | |
| | 2008 Spain | Tertiary | Green Public Procurement Plan | | |

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|-------|------|----------------|---------------|--|-------|-------|
| SWE14 | 2008 | Sweden | Industry | Energy efficiency in small and medium sized enterprises | | |
| SWE16 | 2010 | Sweden | Industry | Energy mapping vouchers (Energikartläggningsscheckar) | | |
| SWE19 | 2008 | Sweden | Residential | EU-related: Energy Performance of Buildings (2002/91/EC) | | |
| SWE21 | 2012 | Sweden | Transport | EU-related: Energy labelling of tyres | | |
| SWE22 | 2009 | Sweden | Transport | Environmental-vehicle tax waiver | | |
| SWE24 | 2011 | Sweden | Transport | Energy efficiency measures in transport infrastructure | | |
| SWE25 | 2010 | Sweden | Transport | Technology procurement (teknikupphandling) | | |
| SWE10 | 2010 | Sweden | Cross-Cutting | EU-related: Energy End-use Efficiency and Energy Services ESD (Directive 2006/32/EC) - Government Subsidies for Local Energy | | |
| SWE13 | 2010 | Sweden | Cross-Cutting | Regional climate and energy strategies (Regionala klimat och energistrategier) | | |
| SWE14 | 2010 | Sweden | Cross-Cutting | EU-related: Recast Ecodesign Directive for Energy-related Products (Directive 2009/125/EC) - Transposition of Directive 2009 | | |
| SWE17 | 2009 | Sweden | Industry | Energy efficiency networks for the industry | | |
| SWE21 | 2013 | Sweden | Residential | Investment support for solar cells (Investeringsstöd till solceller) | | |
| SWE21 | 2013 | Sweden | Residential | Investment support for solar cells (Investeringsstöd till solceller) | | |
| SWE22 | 2010 | Sweden | Residential | Programme for buildings with very low energy use (Program för byggnader med mycket låg energianvändning - LÅGAN) | | |
| SWE15 | 2011 | Sweden | Cross-Cutting | Sustainable municipality (Uthållig kommun) | | |
| | ? | Sweden | Industry | Program for energy-intensive industry | | |
| | ? | Sweden | Cross-Cutting | Energy and CO2-taxes | | |
| | | Sweden | Cross-Cutting | Measure package residential and service sector | 0.705 | 0.705 |
| | | Sweden | Cross-Cutting | Measure package industry | 1.462 | 1.462 |
| | | Sweden | Cross-Cutting | Measure package transport | 0.430 | 0.430 |
| UK10 | 2010 | United Kingdom | Cross-Cutting | EU-related: Promotion of Electricity from Renewable Sources (Directive 2001/77/EC) - UK10_Feed | | |
| UK3 | 2008 | United Kingdom | Cross-Cutting | UK3_Climate Change Act | | |
| UK4 | 2008 | United Kingdom | Cross-Cutting | Environmental Transformation Fund | | |
| UK6 | 2010 | United Kingdom | Cross-Cutting | UK6_Energy Act 2010 | | |
| UK7 | 2009 | United Kingdom | Cross-Cutting | UK7_Low Carbon Transition Plan | | |
| UK9 | 2009 | United Kingdom | Cross-Cutting | EU-related: Promotion of the Use of Energy from Renewable Sources (Directive 2009/28/EC) - Nat | | |
| UK11 | 2013 | United Kingdom | Industry | EU-related: EU Emission Trading Scheme (2003/87/EC) - EU Emission Trading Scheme (ETS) | | |
| UK17 | 2008 | United Kingdom | Industry | EU-related: Combined Heat Power (Cogeneration) (Directive 2004/8/EC) - Combined Heat and Pow | | |
| UK28 | 2010 | United Kingdom | Residential | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - Building Regulations 2010 | 0.970 | 1.520 |
| UK32 | 2014 | United Kingdom | Residential | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Building regula | 0.038 | 0.060 |
| UK17 | 2010 | United Kingdom | Tertiary | EU-related: Energy Performance of Buildings (Directive 2002/91/EC) - Building Regulations 2010 | 0.370 | 0.482 |
| UK23 | 2014 | United Kingdom | Tertiary | EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Building Regul | 0.022 | 0.029 |
| UK12 | 2010 | United Kingdom | Tertiary | CRC Energy Efficiency Scheme (CRC) | 0.208 | 0.208 |
| UK16 | 2008 | United Kingdom | Transport | EU-related: Promotion of Biofuels or other Renewable Fuels for Transport (Directive 2003/30/EC) | | |
| UK20 | 2008 | United Kingdom | Transport | Transport Innovation Fund | | |
| UK11 | 2013 | United Kingdom | Cross-Cutting | Green Deal | 0.077 | 0.155 |
| UK12 | 2011 | United Kingdom | Cross-Cutting | EU-related: Promotion of the Use of Energy from Renewable Sources (Directive 2009/28/EC) - UK1 | | |
| UK20 | 2008 | United Kingdom | Cross-Cutting | Suppliers obligations - Carbon Emissions Reduction Target (CERT) | 0.621 | 0.590 |
| UK29 | 2009 | United Kingdom | Cross-Cutting | Supplier Obligations - Community Energy Savings Programme (CESP) | 0.053 | 0.050 |
| UK33 | 2013 | United Kingdom | Residential | Supplier Obligations - Energy Company Obligation (ECO) | 0.418 | 0.762 |

Annex IX. Impact of the currently implemented EU energy efficiency legislation

Key conclusions of the impact assessment accompanying a proposal for the recast of the Energy Performance of Buildings Directive¹.

The minimum total impact of the most beneficial options for which quantification was possible, is:

- 60 – 80 Mtoe/year energy savings by 2020, i.e. a reduction of 5-6% of the EU final energy consumption in 2020;
- 160 to 210 Mt/year CO₂ savings by 2020, i.e. 4-5% of EU total CO₂ emissions in 2020;

280,000 (to 450,000) potential new jobs by 2020, mainly in the construction sector, energy certifiers and auditors and inspectors of heating and air-conditioning systems.

- investment requirements and the administrative costs of the measures were analysed and are relatively low compared to the benefits and the returns. For example, on an EU scale abolishing the 1000 m² threshold would lead to €8 billion/year additional capital costs but would trigger €25 billion/year energy cost savings by 2020 and therefore create negative CO₂ abatement costs.
- The investment needs differ substantially across Europe depending on the social and economic conditions, on the initial state of the property and on the type of renovations to be undertaken. They are not equally distributed amongst EU citizens, i.e. there will be additional costs for those who make major renovations of their buildings or are engaged in property transaction. However, with high oil prices these initial investments will have attractive returns.
- The overall benefits for society in terms of reduction of energy consumption and thus reduced CO₂ emissions and energy import dependency, job creation, especially at local and regional level, positive health and labour productivity far exceed the costs of the measures analysed.

Key conclusions of the impact assessment accompanying a proposal for the Energy Efficiency Directive²:

- The instrument mix put forward will contain a number of overlaps and interactions. The modelling of the whole package showed that primary energy demand in 2020 will be reduced by between 19.7% and 20.9% compared to the PRIMES 2007 baseline projection. The sectors reducing demand most are transport and residential. Reductions are substantial in the tertiary sector, too, due to improved appliances and improved heating and cooling. Generation efficiency also improves and some of the

¹ SEC 2008/2865

² SEC 2011/799

measures to reduce final energy demand lead to lower electricity consumption and thus lower production.

- Measures to achieve the 20% energy saving target in 2020 will support the greenhouse gas reduction target, in particular in non-ETS sectors. According to the Low Carbon Economy Roadmap 2050 the achievement of the 20% EE and RES targets enables a 25% greenhouse gas emission reduction. In this context, the Commission has said that it will monitor the impact of new measures to implement the 20% energy efficiency target on the ETS.
- Impacts on the ETS are presented in the overall 20% efficiency model runs, albeit results differ substantially depending on the model used. While both models project a further decrease in GHG emissions, they show different results regarding the impact on the ETS price: the E3ME model run projects a drop to zero of the ETS price in 2020 whereas the PRIMES scenarios project a much lower impact (a reduction from €16.5/t to €14.2/t in 2020).
- Additional costs to the total energy system rise by between 2.6% and 4.7% compared to the reference scenario. The increase in energy efficiency will tend to increase electricity prices in the short term from 141€/MWh to 146€/MWh due to the need to finance the fixed costs of energy efficiency measures. However, in the long run, this increase pays off by stabilising electricity prices through a lower demand.
- It can therefore be confirmed that the package of policy put forward is capable of reaching the 20% objective and reaping additional benefits that remain tangible beyond 2020. The additional costs of achieving the overall 20% target through the set of measures proposed are proportionately small.