



OVERVIEW ON STATUS OF IMPLEMENTATION OF ECO DESIGN DIRECTIVE 2009/125/EC

Last update: 14.08.2012

Working plan I (2005-2008)

| Lot | Study phase | Draft Implementation | | | Final adoption | Content : 1. Scope 2. Entry into force 3. Requirements & compliance deadlines 4. Standardisation 5. Market surveillance 6. Benchmarks 7. Review |
|-------------------------------------|--|---|---|---|---|--|
| | | Consulta tion Forum | Regulatory Committee | EP & Council right of scrutiny | | |
| Lot 1: Boilers | VHK www.ecoboiler.org Final report 30.09.2007 | 24/25.06. 2009 Boilers I Boilers II ISC Jan / Feb 2012 WTO notification June 2012 | Expected on 14.09.2012 | | Expected end of 2012 / early 2013 | |
| Lot 2: Water heaters | VHK www.ecohotwater.org Final report 30.09.2007 | 08.07.2008 working document Working documents of June 2010 ISC January / May 2012 WTO notification June 2012 | 31.03.2009 New vote expected on 14.09.2012 | | Expected end of 2012 / early 2013 | |

| Lot | Study phase | Draft Implementation | | | Final adoption | Content : |
|---------------------------------|---|--|---|---|---|--|
| | | Consultation Forum | Regulatory Committee | EP & Council right of scrutiny | | |
| Lot 3: Computers | IVF www.ecocomputer.org Final report 27.08.2007 | 09.10.2009 Working document Computers Displays ISC expected in June 2012 | Expected in December 2012 | | Expected in 2013 | <ol style="list-style-type: none"> 1. Scope 2. Entry into force 3. Requirements & compliance deadlines 4. Standardisation 5. Market surveillance 6. Benchmarks 7. Review |
| Lot 4: Imaging equipment | Fraunhofer IZM, www.ecoimaging.org Final report 7.05.2008 Voluntary agreement on Imaging equipment Voluntary agreement on Medical equipment | 12.10.2009 Working document 17.11.2009 IA Board expected in May/June VA submission to CF January 2012 | | | VA recognition expected in 2012 | |
| Lot 5: Televisions | Fraunhofer IZM www.ecotelevision.org Final report 06.08.2007 | 16.10.2008 Commission working document Review CF expected 19.09.2012 | 30.03.2009 (Ecodesign) COM draft proposal (Labelling) COM draft proposal | 06.05.2009 P6_TA-PROV(2009)0357 | Commission Regulation (EC) No 642/2009 of 22 July 2009 on televisions (O.J .L.191 – 23.07.2009) | <ol style="list-style-type: none"> 1. Television sets or television monitors as defined in art. 2 2. 12.08.2009 3. As of 20.08.2010, <ul style="list-style-type: none"> • On mode power consumption levels provided for in annex I.1.1, • Home mode for TVs which are delivered with a forced menu (annex I.3) • Peak luminance ration provided for in annex I.4 • Information requirements of annex I.5.2 (including information on content of mercury or lead) As of 1.04.2012, <ul style="list-style-type: none"> • On mode power consumption levels provided for in annex I.1.2 As of 7 January 2010, <ul style="list-style-type: none"> • Standby/off mode power consumption levels provided for in annex I.2.1 As of 20 August 2011, <ul style="list-style-type: none"> • Standby/off mode power consumption levels provided for in annex I.2.2 4. Annex II provides for measurements of the on mode power consumption, standby/off mode power consumption and peak luminance 5. Annex III includes some provisions on verification procedure. 6. No further provisions 7. No later than 12.08.2012 |

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| | | Consultation Forum | Regulatory Committee | EP & Council right of scrutiny | | |
| Lot 6: Standby & Off-modes losses | Fraunhofer IZM www.ecostandby.org Final Report 02.10.2007 | 19.10.2007 Working document | 7.07.2008 COM Draft proposal | | Commission Regulation 1275/2008/EC OJ L. 339-45 – 18.12.2008 | <ol style="list-style-type: none"> Electrical and electronic household and office equipment (article 1). Annex I provides a list of covered products 7.01.2009 As of 7.01.2010, <ul style="list-style-type: none"> Off mode power consumption of new products in scope shall not exceed 1 Watt; Standby power consumption of such products has to be less than 1 Watt or 2 Watts. As of 7.01.2013: <ul style="list-style-type: none"> Off mode power consumption shall not exceed 0.5 Watt. Standby values have to be lowered to 0.5 Watt and 1 Watt. Power management (or similar) function to switch equipment automatically to standby/off mode/other condition not exceeding standby/off mode levels. This function needs to be activated before delivery. Annex II.3 provides for measurement tolerances of max. 2% at 95% confidence level for power of 0.5W and above, and a tolerance of max. 0.01W at 95% confidence level for power of less than 0.5W. On 17.12.2008, COM issued mandate to CEN,CENELEC and ETSI to create a harmonised standard on: <ul style="list-style-type: none"> Procedures and methods for measuring electric power consumption of covered EuP. Verification procedure for market surveillance purposes Template for test report Regulation does not include specific provision on harmonised standards or reference to standardisation bodies. Annex III includes some provisions on verification procedure. CEN/CLC/ETSI mandate (see point 4) to include verification procedure Annex IV provides off mode benchmark of 0-0.3W with hard off switch on primary side, and a standby benchmark of 0.1W (reactivation function, display) Review no later than 07.01.2015 |
| Lot 7: Battery chargers & External Power supplies | BIO IS www.ecocharger.org Final Report 23.01.2007 | 22.02.2008 Working doc | 17.10.2008 COM Draft proposal | March 2009 | Commission Regulation published in O.J. L. 93 - 7.4.2009 278/2009/EC | <ol style="list-style-type: none"> Electric power consumption in no-load condition and average active efficiency of external power supplies. Article 1 provides six exceptions. 27.04.2009 Annex I provides the details of requirements on no-load condition power consumption and average active efficiency. First stage 27 April 2010; second stage 27 April 2011. Regulation does not include specific provision on harmonised standards or reference to standardisation bodies. Annex II includes some provisions on verification procedure. Annex III provides benchmark for the lowest available no-load condition power consumption of external power supplies : <ul style="list-style-type: none"> 0,1 W or less, for $P O \leq 90 W$, 0,2 W or less, for $90 W < P O \leq 150 W$, 0,4 W or less, for $150 W < P O \leq 180 W$, 0,5 W or less, for $P O > 180 W$. |

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| | | | | | | <p>The best available active average efficiency of external power supplies :</p> <ul style="list-style-type: none"> • 0,090 · ln (P O) + 0,680, for 1,0 W ≤ P O ≤ 10,0 W, • 0,890, for P O > 10,0 W. <p>7. Review no later than 27.04.2013</p> |
| Lot 8: Office lighting | VITO www.eup4light.net Final Report 01.04.2007 | 18.12.2007 Working doc | | | Tertiary sector lighting products regulation | <p>1. Fluorescent lamps without integrated ballast, of high intensity discharge lamps, and of ballasts and luminaries for products for use in office lighting and public street lighting (article 1). Annex I provides a list of covered products.</p> <p>2. 13.04.2009</p> <p>3. Annex III provides the details of requirements by type of product. First stage: 13.04.2010; second stage: 13.04.2012 & 13.04.2015; third stage: 13.04.2017</p> <p>4. Regulation does not include specific provision on harmonised standards or reference to standardisation bodies.</p> <p>5. Annex IV includes some provisions on verification procedure.</p> <p>6. Annex V provides benchmark for fluorescent lamps without integrated ballast, for high intensity discharge lamps and for ballasts and luminaries able to operate such lamps. Annexes VI and VII provides benchmark for products intended for use in office lighting or in public street lighting</p> <p>7. Review no later than 13.04.2014</p> <p>CELMA / ELC Guide for the EcoDesign Regulation 245/2009 on tertiary sector lighting products, December 2010</p> |
| Lot 9: Street lighting | VITO www.eup4light.net Final Report 01.01.2007 | 22.06.2007 Working doc 15.09.2009 Working doc | 26.09.2008 COM Draft proposal tertiary sector lighting products regulation | 17.02.2009 | <p>Commission Regulation 245/2009 (O.J. L.76 – 24.03.2009)</p> <p>Amended by COM Regulation 347/2010 published in O.J. L. 104 – 24.04.2010 (consolidated version)</p> | |
| Lot 10: Residential room conditioning Appliances | ARMINES www.ecoaircon.eu | 22.06.2009 Working doc 23.04.2010 Working doc CF expected for 23.10.2012 (linked to ENTR lot 6) | Air-conditioners & Comfort fans 31 May 2011 | | <p>Commission Regulation 206/2012 on air conditioners and comfort fans (O.J. L. 72 – 10.03.2012)</p> | <p>1. Electric mains-operated air conditioners (rated capacity of ≤ 12 kW for cooling, or heating if no cooling function) and comfort fans with an electric fan power input ≤ 125W (as defined in Article 2.1 & 2.5); Article 1.2 provides specific exemptions.</p> <p>2. 30.03.2012</p> <p>3. As of 01.01.2013:</p> <ul style="list-style-type: none"> • Single duct and double duct air conditioners shall at least meet minimum energy efficiency levels, maximum power consumption in off-mode & standby mode and maximum sound power level (Annex I, tables 1, 2 &3) • Comfort fans shall at least meet maximum power consumption in off-mode & standby mode (Annex I, table 2) • Air conditioners shall at least meet minimum energy efficiency levels and maximum sound power level (Annex I, tables 4 &5) • Information requirements of Annex I.3. <p>As of 01.01.2014:</p> <ul style="list-style-type: none"> • Air conditioners shall at least meet minimum energy efficiency levels (Annex I, table 6) • Single duct & double duct air conditioners and comfort fans shall at least meet maximum power consumption in off-mode & standby mode (Annex I, table 7) <p>4. Any specific standards or reference to standardisation bodies is included in the Regulation; however, annex II provides technical parameters that measurements and calculations shall fulfil</p> <p>5. Annex III includes some provisions on verification procedure.</p> |

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| | | Consultation Forum | Regulatory Committee | EP & Council right of scrutiny | | |
| | | | | | | <ol style="list-style-type: none"> 1. Scope 2. Entry into force 3. Requirements & compliance deadlines 4. Standardisation 5. Market surveillance 6. Benchmarks 7. Review |
| | | | | | | <ol style="list-style-type: none"> 6. Annex V provides benchmark for: <ul style="list-style-type: none"> • air conditioner (SEE: 8.50; SCOP: 5.10) • double duct air conditioner (EER: 3.00 ; COP 3.15) • single duct air conditioner (EE: 3.15 ; COP: 2.60) • global warming potential of refrigerants ≤ 20 7. Review no later than 30.03.2017 (Article 7 provides particular focus for the review such as the use of low global warming potential refrigerants, standby and off mode requirements, seasonal calculation and measurement methods) |
| Lot 11: Motors, pumps, circulators & fans | AEA www.ecomotors.org Final reports Motors 18.02.2008 Pumps 01.04.2008 Circulators 01.04.2008 Fans 01.04.2008 | 27.05.2008 Working documents Motors Pumps Circulators Fans 26.03.2010 (Fans) | Motors: 11.03.2009 Glandless Circulators: 30.03.2009 Fans: 11.06.2010 | April/May 2009 June/ September 2010 | Commission Regulation 640/2009 of 22 July 2009 on electric motors – (O.J .L.191 – 23.07.2009) Corrigendum Com Regulation 640/2009 (O.J. L. 46 – 19.02.2011) COM Regulation 327/2011 of 30 March 2011 on fans (O.J. L 90 - 6.4.2011) Commission Regulation 641/2009 of 22 July 2009 on glandless standalone circulators and glandless circulators integrated in products (O.J .L.191 – 23.07.2009) Amendment on circulator COM Regulation 622/2012 of | <ol style="list-style-type: none"> 1. Motors, as defined in article 2.1; Article 1.2 provides specific exemptions. 2. 12.08.2009 3. As of 16.06.2011: <ul style="list-style-type: none"> • All motors shall at least meet the IE2 efficiency level (annex I.1, Table1), • Information requirements of Annex I.2. As of 01.01.2015, <ul style="list-style-type: none"> • Motors with a rated output of 7.5-375 kW shall meet, at least, the IE3 efficiency level (annex I.1, Table2), or the IE2 efficiency level and be equipped with a variable speed drive. As of 01.01.2017, <ul style="list-style-type: none"> • Motors with a rated output of 0,75-375 kW shall meet, at least, the IE3 efficiency level (annex I.1, Table2), or the IE2 efficiency level and be equipped with a variable speed drive. 4. Any specific standards or reference to standardisation bodies is included in the Regulation; however, annex II provides technical parameters that measurements and calculations shall fulfil. 5. Annex III includes some provisions on verification procedure. 6. Annex IV provides as benchmarks the efficiency level of best performing motors available on the market (IE 3 level), as defined in annex I. 7. Regulation review in the light of technological progress no later than 12.08.2016. <ol style="list-style-type: none"> 1. Glandless standalone circulators and glandless circulators integrated in products as defined in article 2. Article 1 provides two exceptions. (see amendment) 2. 12.08.2009 (amendment: 01.08.2012) 3. As of 01.01.2013: <ul style="list-style-type: none"> • Energy efficiency index of glandless standalone circulators (exception provided in annex I.1) shall not exceeded 0.27; • Information requirements of annex I.2 (see amendment). As of 01.01.2015, <ul style="list-style-type: none"> • Energy efficiency index of circulators shall not exceeded 0.23. • Information requirements of annex I.2 (see amendment). 4. Any standards or reference to standardisation bodies is included in the Regulation. However, annex II provides a methodology for calculating the energy efficiency index (see amendment) 5. Annex III includes some provisions on verification procedure. 6. Annex IV provides as benchmark the Energy efficiency index of best performing circulators available on the market, that is $\leq 0,20$. 7. Review of the methodology for calculating the energy efficiency index for glandless |

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| | | Water pumps ISC May 2011 | Water Pumps: March 2012 | March / May 2012 | <p>11.07.2012 (O.J. L. 180 - 12.07.2012)</p> <p>Commission Regulation 547/2012 of 25 June 2012 on water pumps (O.J. L 165 - 26.06.2012)</p> | <p>circulators integrated in products no later than 01.01.2012; Regulation review no later than 01.01.2017 (including the assessment of design options that can facilitate reuse and recycling).</p> <ol style="list-style-type: none"> 1. Rotodynamic water pumps for pumping clean water, as defined in article 2.10; Article 1.2 provides specific exemptions. 2. 16.07.2012 3. As of 01.01.2013: <ul style="list-style-type: none"> • Water pumps shall at least meet minimum efficiency levels at the best efficiency point, at part load and at over load according to the type and speed of pumps (Annex I, 1.a) • Information requirements of Annex I.2. As of 01.01.2015: <ul style="list-style-type: none"> • Water pumps shall at least meet minimum efficiency levels at the best efficiency point, at part load and at over load according to the type and speed of pumps (Annex I, 1.b) 4. Any specific standards or reference to standardisation bodies is included in the Regulation; however, Annex III provides technical parameters that measurements and calculations shall fulfil. 5. Annex IV includes some provisions on verification procedure. 6. Annex V provides as indicative benchmarks the minimum efficiency index of best performing water pumps available on the market, that is $\geq 0,70$. 7. Review of the tolerances used in the methodology for calculating the energy efficiency no later than 01.01.2014; regulation review in view to adopt an extended product approach no later than 16.07.2016. |
| Lot 12: Commercial refrigerators & freezers | <p>BIO IS www.ecofreezercom.org Final report 01.12.2007</p> <p>JRC Update of the preparatory study: 2012-2013</p> | 23.04.2010 | | | Expected in 2014-2015 | |

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| | | Consultation Forum | Regulatory Committee | EP & Council right of scrutiny | | |
| Lot 13: Domestic refrigerators & freezers | ISIS ENEA, University of Bonn www.ecocold-domestic.org Final report 01.03.2008 | 04.12.2008 COM working documents: 1 , 2 | 30.03.2009 (Ecodesign) COM draft proposal (Labelling) COM draft proposal Labelling layout | 07.04.2009 Cover Note from Council 06.05.2009 | Commission Regulation (EC) No 643/2009 on household refrigerating appliances (O.J. L.191 – 23.07.2009) | <p>1. Electric mains-operated household refrigerating appliances (as defined in art. 2) with a storage volume up to 1 500 litres, including appliances sold for non-household use or for the refrigeration of items other than foodstuffs. Article 1 provides five exceptions.</p> <p>2. 12.08.2009</p> <p>3. As of 01.07.2010:</p> <ul style="list-style-type: none"> Information requirements of annex II.1.1; Energy efficiency index provided in Annex II.2 by type of product. <p>As of 01.07.2012,</p> <ul style="list-style-type: none"> Energy efficiency index provided in Annex II.2 by type of product. <p>As of 01.07.2013:</p> <ul style="list-style-type: none"> Fast freezing facilities shall automatically revert to the previous normal storage temperature conditions after no more than 72 hours; Winter setting switch of refrigerators-freezers shall be automatically operated according to the ambient temperature (details provided in Annex I.1); When empty, the power consumption of small household refrigerating appliances (storage volume below 10 litres) shall be 0 Watt after no more than 1 hour. <p>As of 01.07.2014,</p> <ul style="list-style-type: none"> Energy efficiency index provided in Annex II.2 by type of product. <p>As of 01.07.2015,</p> <ul style="list-style-type: none"> Energy efficiency index provided in Annex II.2 by type of product. <p>4. Any standards or reference to standardisation bodies is included in the Regulation. However, annex II provides a methodology for calculating the energy efficiency index</p> <p>5. Annex V includes some provisions on verification procedure.</p> <p>6. Annex VI provides as benchmark the energy efficiency index and noise of best performing household refrigerating appliances, by type of product, available on the market.</p> <p>7. Review no later than 12.08.2014 (assessment for specific requirements for wine storage appliances no later than 12.08.2011).</p> |
| Lot 14: Domestic dishwashers & washing machines | ISIS, www.ecowet-domestic.org Final report 19.01.2009 | 04.12.2008 Working doc 26.03.2010 Working doc Dishwasher Washing machine | 1.04.2009 Washing machines New vote expected on 28.05.2010 | | Commission Regulation 1015/2010 on Household Washing machines (O.J. L 293 - 11.11.2010) Corrigendum (O.J. L 298 – 16.11.2010) Commission communication: Publication of | <p>1. Electric mains-operated household washing machines (including those powered by batteries), including appliances for non-household use and built-in household washing machines (as defined in art. 2). Art 1.2 excludes household combined washer-driers.</p> <p>2. 01.12.2010</p> <p>3. As of 01.12.2011:</p> <ul style="list-style-type: none"> Energy efficiency index of appliances shall not exceed 68 Washing efficiency index provided in Annex I.2 by type of product Water consumption provided in Annex I.2.1 <p>As of 01.12.2012:</p> <ul style="list-style-type: none"> Specific cycles shall be identifiable on the programme selection devices (Annex I.1) Information requirement in the booklet of instructions of appliances (Annex I.1) <p>As of 01.12.2013:</p> <ul style="list-style-type: none"> Appliances shall offer clearly identifiable cycle at 20°C Energy efficiency index of specific appliances shall not exceed 59 (Annex I.2) Water consumption provided in Annex I.2.2 <p>4. No standard or reference to standardisation bodies is included in the Regulation.</p> |

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| | | Consultation Forum | Regulatory Committee | EP & Council right of scrutiny | | |
| | | | | | transitional symbols for Reg. 1015/2010 (O.J. C 206 - 13.07.2012) Commission Regulation (EC) No 1016/2010 on Household Dishwashers (O.J. L 293 – 11.11.2010) | However, Annex II provides a methodology for calculating the energy efficiency index, the Washing Efficiency Index, water consumption and remaining moisture content. 5. Annex III includes some provisions on verification procedure. 6. Annex IV provides as benchmark water and energy consumptions, washing efficiency and noise emissions of best performing washing machines appliances, by type of product. 7. Regulation review in the light of technological progress no later than 01.12.2014. 1. Electric mains-operated household dishwashers (including those powered by batteries), including appliances for non-household use and built-in household dishwashers (as defined in art. 2). 2. 01.12.2010 3. As of 01.12.2011: <ul style="list-style-type: none"> Energy efficiency index provided in Annex I.2.1 by type of product Cleaning efficiency index of appliances shall not exceed 1.12 As of 01.06.2012, specific information shall be provided in the booklet of instructions of appliances (Annex I.1.2). As of 01.1.2012, the standard cycle shall be identifiable on the programme selection devices and set up as the default cycle (Annex I.1.1) As of 01.12.2013: <ul style="list-style-type: none"> Energy efficiency index provided in Annex I.2.2 by type of product Drying efficiency index provided in Annex I.2.1 by type of product As of 01.12.2016, the energy efficiency index provided in Annex I.2.3 by type of product. 4. No standard or reference to standardisation bodies is included in the Regulation. However, Annex II provides a methodology for calculating the energy efficiency index, the Cleaning efficiency Index and the Drying efficiency index. 5. Annex III includes some provisions on verification procedure. 6. Annex IV provides as benchmark water and energy consumptions, energy efficiency, cleaning and drying efficiency, and noise emissions of best performing dishwashers. 7. Regulation review in the light of technological progress no later than 01.12.2014. |
| Lot 15: Solid fuel small combustion installations | BIO IS www.ecosolidfuel.org | CF 12.07.2012 | | | Expected in 2013 | |
| Lot 16: Laundry driers | ECOBILAN www.ecodryers.org Final report March 2009 | Household Tumble driers 25.06.2010 Working doc ISC May 2011 | Expected on 10.05.2012 | | Expected in 2012 | |

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| | | Consultation Forum | Regulatory Committee | EP & Council right of scrutiny | | |
| Lot 17: Vacuum cleaners | AEA www.ecovacuum.org Final report February 2009 | 25.06.2010 Working doc CF 08.09.2011 IA Board March 2012 ISC expected in May / June 2012 | Expected in November 2012 | | Expected in 2012 | |
| Lot 18: Set top boxes | Complex set top box BIO IS www.ecocomplexstb.org Voluntary agreement | 12.10.2009 Working document COM ISC May 2012 | | | Voluntary agreement: Expected in 2012 | |
| | Simple set top box MVV Consulting GmbH www.ecostb.com Final report 17.12.2007 | 22.02.2008 Working doc | 26.09.2008 (simple set top boxes) COM draft proposal | January 2009 | Commission Regulation published in OJ L. 36-8 – 05.02.2009 107/2009/EC | <ol style="list-style-type: none"> 1. Simple set-top boxes 2. 25.02.2009 3. 25.02.2010 <ul style="list-style-type: none"> • Standby power consumption of set-top boxes shall not exceed 1 Watt • Active mode shall not exceed 5 Watt 25.02.2012 <ul style="list-style-type: none"> • Standby power consumption of set-top boxes mode shall not exceed 0,5 Watt • Active mode shall not exceed 5, 00 Watt 4. Regulation does not include specific provision on harmonised standards or reference to standardisation bodies. 5. Annex II includes some provisions on verification procedure. 6. The best available technology for SSTB without any additional features: <ul style="list-style-type: none"> • Active mode: 4,00 W • Standby mode excluding the display function: 0,25 W • Off-mode: 0 W The best available technology for SSTB with an integrated hard drive: <ul style="list-style-type: none"> • Active mode: 10,00 W • Standby mode excluding the display function: 0,25 W • Off-mode : 0 W 7. Review no later than 25.02.2014 |

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| Lot 19: Domestic lighting I (= non - directional lamps) | VITO www.eup4light.net | 28.03.2008 Working doc & possible eco design requirements | 08.12.2008 (DOM I) COM Draft proposal | 17.02.2009 | Commission regulation published in O.J. L. 76-3 – 24.03.2009 244/2009/EC Amended by Commission regulation 859/2009 published in O.J. L. 247 – 19.09.2009 (consolidated version) | <ol style="list-style-type: none"> 1. Non-directional household lamps with seven exceptions (article 1) 2. 07.04.2009 3. Annex II provide the details of requirements by type of product Stage 1: 1 September 2009, Stage 2: 1 September 2010, Stage 3: 1 September 2011, Stage 4: 1 September 2012, Stage 5: 1 September 2013, Stage 6: 1 September 2016. 4. Regulation does not include specific provision on harmonised standards or reference to standardisation bodies. 5. Annex III includes some provisions on verification procedure. 6. The best available technology for lamps efficacy was 69 lm/W. The best available technology for lamps functionality is described in Annex IV Table 7 The best available technology for lamps mercury content include not more than 1,23mg mercury 7. Review no later than 07.04.2014 |
| Lot 19: Domestic lighting II (=directional lighting) | VITO www.eup4light.net Final report October 2009 | 6.07-15.09.2010 Writing consultation Working document New Working Document June 2011 CF 05.07.2011 Technical subgroup 23.09.2011 COM ISC Jan / Feb 2012 WTO notification March / April 2012 | Expected on 13.07.2012 | Expected in November / December 2012 | | |

Working plan II (2009-2011)

| Lot | Study phase | Draft Implementation | | | Final adoption | Content : <ol style="list-style-type: none"> 1. Scope 2. Entry into force 3. Requirements & compliance deadlines 4. Standardisation 5. Market surveillance 6. Benchmarks 7. Review |
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| | | Consulta tion Forum | Regulatory Committee | EP & Council right of scrutiny | | |
| ENTR Lot 6: Air- conditioning and ventilation systems | Mines Paris Tech VHK www.ecohvac.eu Final report expected for Summer 2012 | CF expected for 23.10.2012 (central ventilation) December 2012 (central air heating & cooling) | | | | |
| Electric and fossil fuelled heating equipment : | | | | | | |
| Lot 20: Local room heating products | BIO IS TÜV Rheinland www.ecoheater.org/lot20/ | CF expected for 20.09.2012 | | | Expected in 2013 | |
| Lot 21: Central heating products using hot air to distribute heat (other than CHP) | BIO IS TÜV Rheinland www.ecoheater.org/lot21/ Final report expected in December 2011 | CF expected for December 2012 | | | Expected in 2013 | |
| ENTR Lot 4: Industrial and | COBHAM www.eco-furnace.org Final report expected in November 2011 | CF expected in Q1 2013 | | | Expected in 2014 | |

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| laboratory furnaces and ovens | | | | | | |
| Food-preparing equipment : | | | | | | |
| Lot 22: Domestic & commercial ovens (electric, gas, and microwave) | BIO IS www.ecocooking.org/lot22/ | CF 18.04.2012 CF on domestic appliances 11.07.2012 | | | Expected in 2013 | |
| Lot 23: Domestic & commercial hobs and grills | BIO IS www.ecocooking.org/lot23/ | CF 18.04.2012 CF on domestic appliances 11.07.2012 | | | Expected in 2013 | |
| Lot 25: Non-tertiary coffee machines | BIO IS www.ecocoffeemachine.org | CF 16.12.2011 18.04.2012 | | | Expected in 2012 | |
| Network, data processing and data storing equipment : | | | | | | |
| Lot 26: Networked standby losses | Fraunhofer IZM www.ecostandby.org Final report 24.06.2011 | CF 14.09.2011 Working documents July 2011 IA to be finalised in May 2012 | Expected in October 2012 | | Expected in 2012 | |

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| Machine tools Forming machine tools; Separating machine tools; Physico-chemical process machine tools. | | | | | | |
| ENTR Lot 5: Machine tools | Fraunhofer IZM www.ecomachinetools.eu/typo/ Final report expected in May 2012 | CF 12.07.2010 28.03.2011 Q1 2013 | | | | |
| Voluntary agreement | | 17.11.2009 | | | VA Expected in 2014 | |
| ENTR Lot 1: <u>Refrigerating and freezing equipment</u> : Service cabinets; Walk-in cold rooms; Chillers; Ice-makers; Ice-cream and milkshake machines. | BIO IS www.ecofreezercom.org <u>Final report</u> 26.05.2011 | CF 19.01.2012 IA Board expected in October 2012 | Expected in March 2013 | | Expected in Q4 2013 | |
| ENTR Lot 3: <u>Sound and imaging equipment</u> : DVD/video players and recorders; Video projectors; Video game consoles; | AEA www.ecomultimedia.org <u>Final report</u> 2.12.2010 | CF Expected for 09.10.2012 | | | | |

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| | | Consultation Forum | Regulatory Committee | EP & Council right of scrutiny | | |
| Digital amplifiers and subwoofers for home theatre. Game Consoles: possible VA | | | | | VA expected in 2014 | <ol style="list-style-type: none"> 1. Scope 2. Entry into force 3. Requirements & compliance deadlines 4. Standardisation 5. Market surveillance 6. Benchmarks 7. Review |
| ENTR Lot 2: Transformers : Distribution transformers and Power transformers | VITO www.ecotransformer.org Final report February 2011 | CF 20.04.2012 Technical subgroup 29.06.2012 CF expected for 09.10.2012 | | | Expected in 2013 | |
| Water-using equipment: Lot 24: Professional washing machines, dryers and dishwashers Sanitary tapware (taps and showerheads) | Öko-Institut www.ecowet-commercial.org Final report 12.07.2011 JRC-IPTS http://susproc.jrc.ec.europa.eu/ecotapware | CF expected in November / December 2012 | | | | |
| Lot 27: Uninterruptible power supplies (UPS) | AEA group http://ecoups.org/ Final report expected in 2014 | | | | | |

| Lot | Study phase | Draft Implementation | | | Final adoption | Content : |
|---|--|----------------------|----------------------|--------------------------------|------------------|---|
| | | Consultation Forum | Regulatory Committee | EP & Council right of scrutiny | | |
| Lot 28: Pumps Pumps for private and public waste water and for fluids with high solids content | BIO-IS http://lot28.ecopumps.eu Final report expected in March 2014 | | | | Expected in 2015 | <ol style="list-style-type: none"> 1. Scope 2. Entry into force 3. Requirements & compliance deadlines 4. Standardisation 5. Market surveillance 6. Benchmarks 7. Review |
| Lot 29: Pumps Pumps for private and public swimming pools, ponds, fountains and aquariums, as well as clean water pumps | BIO-IS http://lot29.ecopumps.eu Final report expected in March 2014 | | | | Expected in 2015 | |
| Lot 30: Products in motor systems Products outside the scope of the Regulation 640/2009 on electric motors | ISR-University of Coimbra www.eco-motors-drives.eu/Eco/Home.htm Final report expected in 2014 | | | | Expected in 2015 | |
| Lot 31: Products in motor systems, i.e. compressors Products outside the scope of lot 30 and Regulation 640/2009 on electric motors | VHK www.eco-compressors.eu/ Final report expected in February 2014 | | | | Expected in 2015 | |
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