

Action Items and Projects	Primary Agency	Supporting Agency(ies)	Target date
Goal: <i>Build Incentives for Design of Greener Electronics, and Enhance Science, Research and Technology Development in the United States</i>			
Action Item: Establish multi-stakeholder groups to address key research questions and design challenges, and accelerate development of and investment in green electronics design standards.			
EPA, in cooperation with GSA, will support convening of multi-stakeholder groups, including electronic product designers, refurbishers, recyclers, NGOs, and academic and other technical experts to address those and other challenges.	EPA	GSA	Fall 2011 Estimated award date; RFP has been issued.
Action Item: Promote consumer purchasing of green electronics that are certified as meeting stringent environmental performance criteria that address environmental impacts across the products' entire lifecycle.			
EPA will initiate an outreach program to encourage purchasing of green electronics by private consumers.	EPA	—	Fall 2012
EPA will encourage consumer procurement of products that are EPEAT registered.	EPA	—	Summer 2012
EPA will launch a Greener Products Website to help consumers more easily find information on greener products.	EPA	—	Summer 2011
Action Item: Promote scientific research and technological developments that improve our ability to recover and market valuable materials from used electronics, especially precious metals and rare earth elements.			
EPA will lead an interagency effort to explore and develop a set of recommendations for identifying and addressing market, financial, and regulatory barriers to investment in domestic material recovery from used electronics.	EPA	DoD, DOE, DOI/USGS FESWG, SAMM	Spring 2013
EPA will support research into the toxicology, exposure pathways, and recovery methodologies of the rare earth elements (and their compounds) used in electronics and during their recycling, remanufacturing and disposal.	EPA	—	1/31/2012

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Action Item: Launch Electronics Stewardship prize competitions to stimulate innovations in green product design, recycling solutions, and other phases of the electronics lifecycle.			
EPA, in cooperation with GSA, CEQ, OSTP and relevant agencies, will launch the development of a series of prize competitions and leverage private sector and philanthropic support for awards, to spur innovations in technology and design to be applied across the lifecycle of electronics.	EPA	GSA, CEQ, OSTP, TBD	Winter 2012
EPA, GSA, CEQ and OSTP will, as part of developing these competitions, coordinate with other agencies to initiate the solicitation of public comments on how to most effectively target limited prize resources toward the highest-impact challenges.	EPA	GSA, CEQ, OSTP, TBD	Spring 2012
Action Item: Ensure expansion of quality green electronics certification programs, including EPEAT, to consider environmental impacts across entire product lifecycles and to cover additional types of electronics.			
EPA will support and engage development of new standards addressing products not covered by EPEAT, and include stakeholder input into standards development.	EPA	GSA, TBD	Fall 2011 Estimated award date; RFP has been issued.
GSA will join the EPEAT standard development process to represent the interests of the Federal Government as a consumer.	GSA	EPA	1/31/2012
GSA and EPA will identify any additional standards and eco-labels to include in expanded green electronics certification programs, and additional programs in which Federal participation should be considered.	GSA, EPA	—	Ongoing

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Action Items and Projects	Primary Agency	Supporting Agency(ies)	Target date
Goal: <i>Ensure that the Federal Government Leads By Example</i>			
Action Item: Establish a comprehensive and transparent government-wide policy on used Federal electronics that maximizes reuse, clears data and information stored on used equipment, and ensures that all Federal electronics are processed by certified recyclers.			
GSA will issue, through interagency collaboration and with public input, a revised Federal Electronics Stewardship Policy to bring Federal management of used electronics in line with current best practices.	GSA	TBD	2/29/2012
GSA will propose revisions to the relevant sections of the Federal Management Regulation, in addition to revisions already pending to the Federal Acquisition Regulations, and related guidance documents.	GSA	—	2/29/2012
EPA, in consultation with and support from GSA and other relevant departments and agencies, will develop a set of environmental criteria to be included, at a minimum, in accredited electronics recycling standards that are to be used in managing the Federal government’s used electronics.	EPA	GSA CEQ DOL TBD	Winter 2012
EPA, in collaboration with GSA, will investigate with the applicable accreditation board the need to initiate a study of the implementation of the current accredited used electronics certification programs.	EPA	TBD	Summer 2012, and as needed thereafter.
GSA will consider the published criteria, the results of the implementation study, and other requirements and considerations when determining which certification programs satisfy agencies’ requirements to use certified recyclers under the revised Federal Electronics Stewardship Policy.	GSA	—	Once FMR changes go into effect, and every three years thereafter.
Action Item: Encourage electronics manufacturers to expand their product take-back programs, and use certified recyclers as a minimum standard in those programs, by expanding the use of manufacturer take-back agreements in Federal electronics purchase, rental and service contracts.			

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GSA will begin to pilot the use of manufacturer take-back agreements in additional electronic product categories through purchases it makes for GSA operations and changes to its internal purchasing policies.	GSA	—	5/31/2012
GSA will develop the take-back agreements guidance through interagency collaboration and with public input.	GSA	TBD	8/31/2012
Action Item: Require and enable recipients of former Federal equipment that has been sold, transferred, or donated for reuse to use certified recyclers and follow other environmentally sound practices, to the maximum extent practicable.			
GSA, in coordination with EPA, DoD, and others as appropriate, will issue guidance to Federal agencies on how to incorporate requirements for sound disposition practices, including the use of certified recyclers, into the agreements signed by recipients of sold, donated, or transferred Federal used electronics.	GSA	EPA, DoD, TBD	5/31/2012
GSA, EPA, and DoD will develop educational materials for those recipients of Federal used electronics so they understand their obligations and how to fulfill them.	GSA	EPA, DoD	First materials issued concurrently with sound disposition practices guidance, i.e., by 2/29/2012.
Action Item: Improve tracking of used Federal electronics throughout the lifecycle and post comprehensive data sets on Data.gov			
GSA will issue revised property disposition reporting guidance to Federal agencies that streamlines all reporting mechanisms under the annual Report of Non-Federal Recipients.	GSA	—	5/31/2012
GSA will develop tools which agencies can use to adapt their internal tracking systems.	GSA	—	5/31/2012

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GSA will propose revisions to the relevant sections of the Federal Management Regulation.	GSA	—	5/31/2012
GSA will post data annually on Data.gov.	GSA	—	Beginning once the new Federal tracking system is in place.
The Federal Electronics Stewardship Working Group will recommend metrics and other reporting tools to measure agencies' progress in implementing the revised Federal Electronics Stewardship Policy to CEQ.			11/18/2011
GSA will coordinate with EPA, DoD, and other agencies to determine the most cost-effective level of detail at which to track Federal electronics, and the appropriate exceptions to protect the security of equipment used for national security purposes.	GSA	EPA, DoD, TBD	Concurrent with Reporting Guidance, i.e., by 5/31/2012
Action Item: More effectively direct Federal Government spending on electronics toward green products through procurement changes.			
GSA will work, to the maximum extent practicable, to remove all products that are not ENERGY STAR or EPEAT, within product categories where ENERGY STAR qualified and EPEAT registered products are available, from the standing Government-wide IT acquisition contracts.	GSA	—	As those contracts expire and are eligible for renewal.
GSA will work with OMB to expand the use of green purchasing training by Federal employees involved in electronics purchasing, including procurement professionals, purchase card holders, information technology professionals, and other procurement request originators.	GSA	OMB	Ongoing

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GSA will solicit input from industry and the public on whether providing refurbishment as a service fits into viable business models for refurbishers, what appropriate standards and certifications ought to be considered, and how best to build Federal contracts for such services.	GSA	—	5/31/2011
Action Item: Expand the use of intergovernmental, cooperative agreements between the US Postal Service and other Federal agencies to make it more convenient, efficient, and cost effective for government agencies with remote offices to directly ship used electronics to original equipment manufacturers, certified recyclers, or entities that will reuse the equipment.			
USPS will establish intergovernmental MOUs to expand the use of the USPS services to provide government agencies, especially those with remote domestic offices, with more convenient and cost effective methods to directly mail or ship electronics to original equipment manufacturers, certified recyclers, or entities that will reuse the equipment.	USPS	TBD	8/31/2012

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Action Items and Projects	Primary Agency	Supporting Agency(ies)	Target date
Goal: <i>Increase Safe and Effective Management and Handling of Used Electronics in the United States</i>			
Action Item: Launch voluntary partnerships with the electronics industry.			
EPA will seek the commitment of electronics industry companies that use electronics recycler certification programs and those who also go above and beyond those practices to increase their use of certified recyclers and provide data in a transparent manner.	EPA	—	Summer 2011
EPA will work with these companies and other industry stakeholders to launch a voluntary partnership program aimed at increasing the safe management of used electronics through the use of third party certified recyclers as a floor.	EPA	—	Winter 2012
EPA will work with the electronic industry and other stakeholders to recognize best management practices for downstream management, encourage public disclosure and promote tracking beyond third-party certification.	EPA	—	Winter/2012
EPA will strive for continuous improvement of the safe and effective handling of these materials throughout the system from collection to recycling to downstream facilities, and educate consumers on the importance of reusing or recycling used electronics, and the methods and locations to do so.	EPA	—	Ongoing
Action Item: Provide guidance to electronics recycling employers on providing facilities that offer safe and healthful working environments.			
DOL will develop and post material for its Green Job Hazards: Waste Management and Recycling webpage that addresses the electronics recycling and related industries.	DOL	—	12/31/2011
DOL will publish and post guidance for the identification and control of safety and health hazards in electronics recycling and related industries.	DOL	—	6/30/2012
Action Item: Establish approaches to gather, track, and provide public access to information on quantities and movement of used electronics within the US.			

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EPA, in coordination with DOC, GSA, and other federal agencies will work to identify methods for domestic tracking of used electronics through a research agenda.	EPA	DOC, GSA, TBD	Spring 2012
EPA, in coordination with DOC, GSA, other federal agencies, universities and other entities, will determine if it can develop and publish an online tool so the public can access information on the quantities and flows of used electronics, and, if so, implement the tool.	EPA	DOC, GSA, TBD	Spring 2013

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Action Items and Projects	Primary Agency	Supporting Agency(ies)	Target date
Goal: <i>Reduce Harm from US Exports of E-Waste and Improve Safe Handling of Used Electronics in Developing Countries</i>			
Action Item: Improve information on trade flows and handling of used electronics, and share data with Federal and international agencies, within the limits of Federal authorities.			
USTR will work with other federal agencies to explore ways to gather better, more detailed, trade data, including a study on US exports of used electronics.	USTR	DOC	Design and commence study by 12/31/2011
EPA, DOC, USTR, and other relevant agencies will discuss ways in which to gather and share accurate data on used electronics exports.	EPA	DOC, USTR, TBD	Fall 2011
EPA will work with other relevant agencies to develop an agreement for sharing export data on electronics across Federal agencies.	EPA	TBD	Fall 2012
EPA, DOC, and other relevant agencies will develop and implement a system for making information on used electronics flows available to the public.	EPA	DOC, TBD	Spring 2013
Action Item: Provide technical assistance and establish partnerships with developing countries to better manage used electronics.			
EPA and other relevant agencies will initiate a partnership with international organizations and others to share best practices for recycling with developing countries.	EPA	TBD	Ongoing
USTR will pursue opportunities to discuss concerns about unsafe handling of used electronics in its bilateral and regional dialogues with countries.	USTR	—	Specific opportunities/dialogues identified 12/31/2011
Action Item: Work with exporters to explore how to incentivize and promote the safe handling of remanufactured, recycled, and used electronics at home and abroad.			

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EPA, USTR and other Federal agencies will seek opportunities to share with exporters concerns and information about unsafe handling of used electronics exports abroad.	EPA, USTR	TBD	12/31/2011
Action Item: Propose regulatory changes to improve compliance with the existing regulation that governs the export of cathode ray tubes from used computer monitors and televisions that are destined for reuse and recycling.			
EPA will propose changes to the CRT Rule to better track exports of CRTs for reuse and recycling.	EPA	—	5/31/2012
Action Item: Support ratification of the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.			
DOS and EPA will work together to explore options for strengthening US participation in the Basel Convention, including options that would enable ratification.	DOS, EPA	DOC, USTR	Ongoing

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