

ROUND TABLE MEETING SUMMARY

A SUSTAINABLE VISION FOR WASHINGTON'S SOLID WASTE SYSTEM

MEETING 3 May 22, 2001

SEATTLE - NORTHWEST REGION

What is the Round Table Meeting Series?

The "Sustainable Vision for Washington State's Solid Waste System" round table meeting series (March-June 2001) brings community, business, and government together to identify coordinated approaches to solid waste issues. Diverse perspectives have been raised during these meetings. The outcomes of the meeting series are recommendations from each of the four regions for use in determining the priority issues and action alternatives that will be included in the state solid waste plan revision. Issues, goals, and strategies, in common within regions and across the state, will be noted in these recommendations, along with those that are unique to a region. All interested residents throughout the state are encouraged to join these regional dialogues during the remaining June meetings regardless of whether or not you participated in earlier meetings.

SUMMARY OF MEETING 3

INTRODUCTION AND PURPOSE

The purpose of Meeting 3 was for participants to identify strategies or specific actions that would best accomplish the "milestones" (interim goals with deadlines) identified in Meeting 2. These strategies provide the foundation for Ecology's further exploration of alternatives to assist in moving toward a more effective and a more sustainable solid waste system, both in the long-term and the short-term. In addition, participants reviewed a draft vision for the state solid waste plan and provided feedback for a revised vision that incorporates participants' views from all three round table meetings.

PROCESS TO DATE

Cheryl Strange, project manager for the state plan, explained that Ecology began working on a revision to the State Solid Waste Plan with the State Solid Waste Advisory Committee (SWAC) and a number of stakeholders in early 2000. Work groups developed issue papers, which serve as the foundation for the Round Table discussions. The full text of the issue papers can be found in the document entitled "Issues Identification: Issues for Consideration and Discussion" #01-07-001 on the project website at <http://www.ecy.wa.gov/programs/swfa/swplan>.

The Round Table Meeting Series, March - June 2001, is the public review and input process for this stage of the state solid waste plan revision. This is the time to identify what is needed to create a state solid waste plan that will have support from the diverse communities that will be asked to participate in implementation activities. The plan recommendations are not written at this time; there is no drafted language to review and comment on. The regional recommendations drafted at the round tables will provide a foundation for the next phase of developing action alternatives for consideration, which will follow the round tables in the summer of 2001. Public review and input on the plan options and recommendations will be held next year and the draft plan will then be written.

SMALL GROUP EXERCISES

Participants were asked to identify specific actions or strategies they think would best accomplish the milestones identified in the region at Meeting 2. Participants worked in small groups, or breakouts, to individually brainstorm strategies for the milestones they considered most important for the region in both the long term and to meet today's needs. Once posted, participants discussed those strategies and milestone areas considered most important by their small group.

The small groups provided the opportunity to explore solid waste strategies from a variety of perspectives. Participants were asked to choose one of the following breakout groups to work in: Government; Solid Waste Industry; Business; Environment; and Community and Civic Groups. These breakout groups were not considered to represent voices for each of these groupings; rather, the groupings were made for the purposes of providing participants the opportunity to express various perspectives on solid waste issues.

During a second exercise, participants worked in diverse, small round tables comprised of participants from each breakout group from the first exercise. Milestones and strategies of most importance were discussed and provided additional strategies were generated. Meeting participants also reviewed the draft vision statement and additional feedback for use in developing a regionally recommended vision for the state solid waste plan.

In this summary regional feedback on a draft vision for the state solid waste plan has been compiled from each of the three round table meetings and developed into a draft vision from that region. The strategies from all breakout groups have been merged beneath the milestone topic heading under which they were posted. The strategies were grouped within similar approaches by the neutral meeting facilitators, not the participants. The draft vision and strategies from Meeting 3 are contained in the sections of the summary below.

NEXT STEPS

In June, round table meeting participants will review the region's round table participants' contributions to a draft vision and the milestones and strategies to accomplish that vision. Participants will engage in a facilitated exploration of support for the draft vision, and common perspectives on key milestones and strategies. The elements in common, along with all milestones and strategies, will become the regional recommendation for Ecology's consideration in the state solid waste plan revision. You are encouraged to attend and to share your perspectives on a sustainable future for solid waste in your region.

Below is a draft vision reaching beyond a 20 year timeline for the state solid waste plan. It has been tailored to include feedback received from the first three Northwest Region round table meetings. Participants will be asked in Meeting 4 to offer their feedback on this regionally tailored vision. The original draft version published in the 'Issues Identification' document can be viewed on the project website at: <http://www.ecy.wa.gov/programs/swfa/swplan>.

DRAFT NORTHWEST REGIONAL VISION STATEMENT FOR STATE SOLID WASTE PLAN

A sustainable solid waste system exists for Washington State that engages all residents in supporting equally the economic, environmental, and social needs of their regions. Materials are handled to progressively move toward sustainability through such practices as waste reduction, material reuse, product stewardship, and pollution prevention. Current solid waste needs are addressed while preparing for future opportunities and challenges. Adequate resources for the solid waste system are secure and allow for flexibility in addressing the changing characteristics of solid waste. State and local solid waste plans identify what the solid waste industry needs to do move toward sustainability and invites increased responsibility from the broader community in an effort to address larger resource and energy conservation issues.

Businesses balance material and energy use with practices that reinvest in environmental capital, recognizing that such stewardship is the basis for their survival and profit. An economically feasible plan is developed and implemented for reaching product stewardship goals.

Individuals recognize their role in achieving and maintaining sustainability as inhabitants and consumers. Consumers demand, are provided with, and choose goods and services with the lowest life-cycle impacts on energy and materials use. Individual behavior change happens both through incentives as well as regulation.

Government economic development policies provide incentives to businesses and industry to achieve and maintain sustainability, while continuing to protect the environment. The unique needs of urban and rural communities are addressed and coordinated in solid waste planning and regulations.

Communities create and sustain local systems that support development within the limits of the environmental carrying capacity. Members of the public perceive they are treated fairly. Municipal solid waste disposal systems are community-friendly and address transportation impacts. Communities engage in educational activities to increase citizen and industry understanding of consumer choices and their impacts on solid waste, energy and resource conservation.



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NORTHWEST STRATEGIES AND MILESTONES LISTED BY TOPIC

The following table contains all Strategies from Meeting 3, which are grouped under the Milestone topic headings where participants posted them. Below the Milestone topic heading is a brief summary statement that consist of milestones themes summarized by the facilitators. Participants were assured that these summary statements are not intended to reflect every milestone posted under that topic heading and that the placement of strategies under these statements does not indicate support for all elements of the statements.

The Strategies from Meeting 3 are grouped under sub headings that capture the theme of the actions recommended to achieve the milestones. The summary is in order of importance, as initially indicated by participants at Meetings 2 and 3. Each Strategy indicates the initial of the sector breakout group in which it was created. The initials for the sector breakout groups stand for the following:

- (B) - Business
- (E) - Environment
- (G) - Government
- (SW) - Solid Waste Industry
- (CC) - Community & Civic Groups

Milestone Topic: PRODUCT STEWARDSHIP (Issue Paper 7)

Milestone Topic Summary Statement from Meeting 2: Within 10 years product stewardship practices will be utilized throughout all industries, resulting in 50 percent of manufacturers reducing overall packaging and toxins in products and increasing the use of recycled content in products. Take back programs and source control criteria will be established utilized to remove materials from the waste stream. Within 30 years packaging and 'big ticket' consumer products will be manufactured with reuse, recycle, or take back considered in their design. Within 50 years non-renewable resources use in production will be significantly reduced, with 99 percent of natural resources extracted used throughout all phases of production.

STRATEGIES

Full Cost Accounting

- 100% of retail product pricing includes full life-cycle analysis where manufacturer is responsible for product/ packaging from cradle to grave (G)
- Require 'de-regulations' pricing of retail products, cost breakdown shown for materials, packaging, labor and shipping. State sales tax on portions of price that causes most harm, packaging (G)

Producer Responsibility

- Attempt to establish regional industry agreements for manufacturer responsibility for items such as electronics and if unsuccessful establish regulatory system (G)
- Produce take back system developed by 2006 where producer handles all costs for electronics (G)
- Target certain products for manufacturer responsibility, including electronics, tires, paint, carpet (E)
- Expect industry to meet performance requirements in the product stewardship and recycling programs
Establish responsibilities and percentage expectations (G)

Regulatory Action

- Establish policies and laws that encourage life cycle 'true costs' analyses before products are developed and made including 'take back' (E)
- Require producers to take back electronics (E)
- State lays out process and timeline for developing and adopting product stewardship policies (E)
- Set rates and dates for certain recovery percentages (E)
- Set rates and dates for specific recovery percentages or if not met, producers held accountable for costs (G)

Education

- Begin elected official, consumer, and industry education on product stewardship (G)
- Create Washington State Natural Step Network (E)
- Consumer education about product stewardship/ manufacturer responsibility (E)
- State endorses product stewardship as important tool, and identifies product stewardship principles (E)

New Data and Measurement Tools

- Have product stewardship approach assessed for all materials streams for feasibility and implement where effective (G)
- Develop life cycle process to originate waste and control measures to eliminate toxins, etc (E)

Financial Incentives and Disincentives

- Provide tax incentives for product leasing (G)

Stakeholder Involvement

- Product stewardship stakeholder groups formed for targeted materials (E)

Milestone Topic: WASTE PREVENTION (Issue Paper 6)

Milestone Topic Summary Statement from Meeting 2: Within this year prevention will be the top priority in waste handling. Within 10 years government and business practices will significantly reduce the amount of non-recyclable packaging and packaging in general, as well as reduce the number of disposable products.

STRATEGIES

Regulatory Action

- Eliminate / make illegal non solicited junk mail, individual must request to receive literature or implement simple method to return to sender / postage paid so that generator must deal with waste (G)
- Update building codes to require new construction to be more energy efficient and generate less waste in their maintenance (G)
- Change policies and or laws to reduce to eliminate 'junk' mail, excess packaging, non-recyclable plastics, fully disposable products, etc. (E)
- Banning the use of non-recyclable plastics by regulating industry and prohibiting / rewarding recyclable products (SW)
- Require all food service packing (take out, etc) to be 100% recyclable (G)
- Require state school food services to utilize 100% reusable serving utensils (trays, forks, etc, including milk cartons) (G)
- Require school food and nutritional services, breakfast, lunch programs, to utilize serving utensils including milk containers (G)
- Require government in-house prevention programs (E)
- Institute measures to stop excess production of materials and build a base industry for repairing products (E)

Financial Incentives and Disincentives

- Add 'waste' tax to fast food take out orders at restaurants (G)
- Require businesses and retailers to breakout price of grocery bags from product charge extra rather than give credit for bring your own (G)
- Tax packaging (E)
- Incentives for locally produced agriculture products and food (E)

Partnerships

- Promote construction and demolition reuse and reduction including partnerships with construction industry (E)

Incentives and Disincentives

- Solid waste companies provide options for less frequent collection, smaller containers, and publicize options (E)
- Provide technical assistance to businesses re: reducing packaging both up and down stream (E)

Education

- Implement waste prevention consumer education programs, e.g. 'voluntary simplicity' (E)

Grants

- Create state grant to local governments specifically for reduction / prevention (E)

Milestone Topic: ADDRESS SPECIAL WASTE STREAMS (Issue Paper 1)

Milestone Topic Summary Statement from Meeting 2: Within 10 years alternatives for hard to handle materials will be identified. Livestock wastes recycling processes will be funded and implemented. Biomedical waster regulations and standards will be in place statewide. Also, food compost programs and bulky item collection will be available in 75 percent of the state

STRATEGIES

Partnerships

- Integration of water, agriculture solid waste etc departments to address agricultural waste and other materials activities in interdisciplinary way (G)
- Work with agriculture interests to reduce wood bedding or use only fast composting alder chips (G)
- Encourage special waste recycling salvage by encouraging public / private partnerships or non-profit work in this area (B)
- Match users of waste with producers (E)

Financial Incentives and Disincentives

- Tires- re-establish tire tax to fund tire clean ups and tire recycling market development (G)
- Establish tax on new cars to fund junk vehicle clean up program (G)
- Provide funding for manure digesters through clean water avenues (E)

Incentives and Disincentives

- Provide incentives for locally used agriculture wastes (E)

Regulatory Action

- Increase demand for compost by regulating new development (E)
- Refine compost standards for buyoff and support for local Health Departments (E)
- 16, 000, 000 more tires coming - pass tire take back immediately (G)

Education

- Provide on-farm composting classes for agriculture wastes (E)

Milestone Topic: WASTE DIVERSION (Issue Paper 5)

Milestone Topic Summary Statement from Meeting 2: Within 10 years all compostable organic, construction, and demolition wastes will be diverted from the municipal solid waste stream, and composting facilities will be built. State and local agencies will support and utilize recovered materials in development activities. And within 40 years economical material separation and refining process will be used to maximize recovery for each waste stream so no portion of the state's waste is disposed without being processed to pull out recoverable materials.

STRATEGIES

Materials Processing and Management

- All construction and demolition materials to be handled through MRFs like recovery one, set up program to bring this about (G)
- Incorporate composting of agriculture waste and yard debris (E)
- Develop means to properly utilize organic wastes and other means to use the rest of the waste from the waste stream (E)
- Co-collection of agriculture and livestock waste and yard debris (E)

Procurement

- Require LEED certification or similar sustainable building effort on all state funded construction projects (G)
- Require use of compost with new development (E)
- Require waste management plan for all state funded construction projects (G)

Regulatory Action

- Ban commercial cardboard and office paper from landfills (E)
- Ban yard debris from landfills (E)

Financial Incentives and Disincentives

- Establish an incentive based system whereby items that can be recycled are not landfilled. This can include higher fees imposed on those who choose not to comply (E)
- Cost for recycled materials are less than raw materials (B)

Milestone Topic: COMPLETE COSTS OF SOLID WASTE (Issue Paper 10)

Milestone Topic Summary Statement from Meeting 2: Within 10 years information systems will be utilized to report the waste generation and environmental performance of government and businesses. A significant number of these entities will utilize 'true cost accounting' methods. The full social and environmental costs of materials production and waste hauling will be reflected in product pricing, waste disposal and recycling prices.

STRATEGIES

Full Cost Accounting

- Incorporate true cost information in establishing solid waste policy
- Evaluate solid waste system in sustainability terms using 'true costs' both internalized and externalized and hidden subsidies (E)
- Identify externalities not accounted for in solid waste disposal (CC)
- Determine how to internalize external costs (CC)

Producer Responsibility

- Establish 'green' labeling system including monitoring (E)

Remove Subsidies

- End subsidies for landfills and incineration (E)
- Research subsidies on virgin materials and end these subsidies (E)

Milestone Topic: FUNDING FOR GOVERNMENT SOLID WASTE PROGRAMS (Issue Paper 4)

Milestone Topic Summary Statement from Meeting 2: Within 10 years funding mechanisms for local government will be in place at adequate levels to implement and evaluate goals outlined in state and local solid waste plans. Funding will be diversified and no longer be dependent on the generation of waste.

STRATEGIES

Funding for Government Programs

- Establish a non-disposal funding source, such as a solid waste collection fee, to fund recycling and waste prevention programs and other non-disposal costs (G)
- Adequately fund government oversight of landfill design, monitoring, inspection, and enforcement through a portion of tipping fees (G)
- Finance Ecology and local WRR grants through stable appropriate mechanism (E)
- Develop financing to incorporate a planning and development strategy to reduce, reuse and recycle (E)

Financial Incentives and Disincentives

- Charge manufacturers for handling their products thru public facilities, such as pesticides, electronics, tires (G)

Comments and Concerns

- Is independence between funding and waste generation always good? (B)

Milestone Topic: CHANGING BEHAVIORS AND ATTITUDES

Milestone Topic Summary Statement from Meeting 2: Within the next year consumer education programs will target the need for recycling and more sustainable products. Within 10 years recycling ethics and true behavior changes will result in the purchase of 50 percent more recycled products. There will also be an increase in education programs that convey the real costs of garbage disposal and resource conservation.

STRATEGIES

Education

- Increase education efforts targeted at public awareness of 'true costs' of solid waste (G)
- Education campaign to make littering and illegal dumping 'socially unacceptable' as smoking is now (G)
- Establish significant effort to bring 'Natural Step' to Washington's business community (G)
- Establish a multi-tiered education program starting in the schools and progressing to adults including courses, systems, and impacts (E)
- Educate public to require recycled products thus putting conservation of resources at a priority (E)
- Educate public to the recyclable nature of agricultural wastes (E)

Partnerships

- Establish significant efforts to bring sustainability movement efforts to Washington businesses (G)

Full Cost Accounting

- Economic value equals environmental value (B)

Milestone Topic: RECYCLING MARKET DEVELOPMENT (Issue Paper 11)

Milestone Topic Summary Statement from Meeting 2: During the next year state and local agencies will actively work to develop recycling markets. Within 10 years strategies will be in place at the state and local levels to promote recycling market development for plastics, paper, and hard to recycle materials, including the rural areas unique market needs. Within 20 years re-use options will exist for all materials and recycling processes will be more energy and cost effective than virgin manufacturing.

STRATEGIES

Market Development by Government

- Re-establish CWC - demonstrate the need for and a permanent funding mechanism to state legislature the re-establishment of the Clean Washington Center (market development agency) (G)
- Re-establish state market development agency (G)
- Chase after new industries processing and using recycled materials with same fervor as Boeing Headquarters (G)
- Create state market development agency (E)
- Develop market for recycled materials that have collection for recycled products in easy convenient location and require use of recycled products and recyclable end wastes (E)

Regulatory Action

- Set rates and dates for material recycling and recycled product content and establish what happens if not attained (G)

Procurement Standards

- Establish rigorous material purchase requirement with state purchasing for environment preferable purchasing, toxins reduction, and recycled content (G)
- Require sustainable building for state and local government projects (E)
- State sets progressive goals for in-house use of recycled products (E)

Education

- Implement statewide soil improvement initiative and thereby make good use of wood residuals, agriculture waste, bio-solids, and compost (G)

Research

- Identify high potential value items not currently recycled (CC)
- Identify barriers to recycling these items, costs, public acceptance, and perception (CC)
- Tie research and development to actual recycling market development (B)

Partnerships

- Initiate task force approach to work thru and around barriers to items not currently recycled (CC)

Milestone Topic: CONSUMER AND INDUSTRY INCENTIVES

Milestone Topic Summary Statement from Meeting 2: Within the next year counties and businesses will establish a waste generation baseline, establish achievable goals and incentives to reach them. Within 10 years government incentives will promote reuse/recycle products, and subsidies on virgin materials will be stopped. Waste reduction industries will be supported through incentives and transportation hurdles will also be addressed.

STRATEGIES

Education

- Expand 'Built Green' program statewide and promote with public funding (G)

Incentives and Disincentives

- Create incentive program that does not take away from true cost of waste (E)
- Establish incentives promoting reuse/recycle products and reduce to eliminate subsidies (E)

Financial Incentives and Disincentives

- Let people feel the real costs of exploitive materials - increased costs (E)

Milestone Topic: WASTE DISPOSAL FACILITIES (Issue Paper 5)

Milestone Topic Summary Statement from Meeting 2: Within 10 years solid waste collection and facilities will have the capacity to process all wastes for maximum recovery of energy and material, and privatization will be accepted. Within 60 years materials will move directly to industry for use in manufacturing.

STRATEGIES

Materials Processing and Management

- Public sector invests in MRFs and compost facilities with same tools and fervor as landfills and transfer stations (G)
- Facilities receiving materials should handle them such that a minimal residual leaves for landfilling (G)
- "Within 60 Years materials move directly to industry" - 100% utilization of resources present in waste and raw materials - energy through use of municipal solid waste incineration, while having clean air - Produce energy; Reuse products created in process - hydrochloric acid, gypsum and bottom ash/slag; filter out metals / non metals for recycling, build on German incineration technology (SW)
- Develop central collection facilities by private industry (E)
- Facilities built using public sector assistance, tax incentives, funds sorting whatever for full material recovery, no more garbage transfer stations (G)

Milestone Topic: REDUCTION OF TOXINS

Milestone Topic Summary Statement from Meeting 2: In the next 10 years there will be a reduction in toxins through targeted efforts in industry, production, clean up, and recycling.

STRATEGIES

Regulatory Action

- Target specific problem toxins for elimination, mercury, etc, and set rates and dates (G)
- Permanent and complete eradication of pollutants into waste stream by laws and product components (E)

Materials Processing and Management

- Increase use of compost and eliminate use of some chemicals (E)
- Reduce toxins through waste incineration rather than landfills 1/4 of emissions or mess (SW)

Full Cost Accounting

- Develop a system whereby the 'true' womb-to-tomb costs of pesticides are reflected in the product costs (E)

Milestone Topic: STATE AND LOCAL SOLID WASTE PLANNING (Issue Paper 2)

Milestone Topic Summary Statement from Meeting 2: Within the next year consistent, clear definitions and measures for solid waste, recycling and reuse will be developed and desired outcomes set for business and agencies statewide. Planning activities will engage community, industry, and government to increase cooperation. In addition, rulemaking process will be developed to expedite business and consumer use of best management practices and increase political support. Within the next 20 years regulations and policies will be updated as waste streams change.

STRATEGIES

Materials Management Systems

- State and local plans must address capacity needs, transport distances, etc. for composting, recyclables processing, construction and demolition materials, etc. Must address need whether provided by public or private sector (G)

Full Cost Accounting

- Include in solid waste budgets cost of post closure conversion of landfills (CC)
- Establish system for public environmental reporting and report cards by all businesses and governments on an annual basis (E)

Partnerships

- Coordinate landfill closure plans with Parks Department needs and integrate planning (CC)
- Plan to reduce waste streams involving all parties (E)

Education

- Develop public awareness of potential public asset value of closed landfills (CC)
- Gain political acceptance of converting closed landfills to public assets (CC)
- Emphasize importance of agriculture waste in urban areas (E)

Milestone Topic: RECYCLING (Issue Paper 11)

Milestone Topic Summary Statement from Meeting 2: Within the next year a consistent definition of recycling and effective rate measurement will be developed. Within 10 years mandates for recycling will consider the markets and facilities to support such rates, and needed recycling and composting facilities will be built. Recycling services and their efficiency will be increased statewide, reaching a 50 percent recycling rate in 10 years and a 75 percent rate in 20 years. Within 30 years more recyclables will be collected than solid waste.

STRATEGIES

Partnerships

- Increased cooperation with waste and recycling haulers (B)

Financial Incentives and Disincentives

- Provide financial incentives to local government to collect and divert all organics from disposal (G)
- Public sector investment in needed recycling facilities and compost with effort similar to what is done for landfills and transfer stations (G)
- Make inorganic products less cost-effective than the recycled organic alternatives (E)
- Make recycling cost effective and convenient (E)
- Convenient and affordable recycling services available to all businesses (E)

Regulatory Action

- Require all generators to recycle - including businesses. Develop program to build support for bringing this about (G)
- Set recycling goals for all waste streams not just municipal solid waste (G)
- Mandatory participation for waste studies in the state (B)

Procurement Standards

- Require job-site recycling / reuse on all state funded building projects (E)

Milestone Topic: LANDFILLING AND INCINERATION (Issue Paper 9)

Milestone Topic Summary Statement from Meeting 2: Within 10 years 100 percent of landfills will be identified, assessed, cleaned up with the necessary funding in place to accomplish this. Best management practices will be established for energy recovery from disposed waste, including methane co-generation options. And closed landfills will be considered community assets. Within 20 years cost effective landfill mining and zero discharge will be a reality.

STRATEGIES

Funding for Government Programs

- Develop a closure fund to address pollution problems from abandoned landfills. A portion of all current tipping fees will fund the account (G)
- Clean up and utilize assets of landfills (E)

Regulatory Action

- Push to close Cedar Hills before estimated 2012 and begin clean up (SW)
- Adopt a goal of minimal disposal of residuals only no mixed materials landfilling or disposal (G)
- Elimination of landfills - shift to prevention and recycling, what is left: incineration

Financial Incentives and Disincentives

- Support a federal tax credit for landfill gas energy recovery projects (G)

Research

- Identify, map and assess, and clean up all existing closed landfills, develop a program to accomplish this (G)

Grants

- Identify and assess closed abandoned landfills- prioritize need in state solid waste plan, state fund local Health Departments to perform assessments through solid waste enforcement grants and funds from tipping fees (G)

Materials Processing and Management

- Establish a system in which the goals include not using landfills or export of waste products (E)

Milestone Topic: WASTE GENERATION

Milestone Topic Summary Statement from Meeting 2: Within 10 years per capita waste disposal will be significantly reduced from the 2001 level. Business and the community will invest in waste reduction activities, resulting in reduced exporting of waste. Within 30 years the public will support zero waste strategies that result in no waste being collected curbside or landfilled.

STRATEGIES

Materials Processing and Management

- Using sensible practices to reduce waste and increase most cost effective use of materials (E)
- Garbage generated within county or state needs to be handled and disposed of within those areas, driver for waste prevention (G)
- Increase reuse facilities and exchanges (G)

Education

- Develop and communicate specific waste reduction goals to all sectors (B)
- Start education on waste reduction recycling prevention in schools, elementary, middle, and high school (SW)

Full Cost Accounting

- Establish a system whereby costs of exporting waste is evaluated in 'global' terms and overall impacts on society in general not just 'locally' (E)

Milestone Topic: RESEARCH AND DEVELOPMENT

Milestone Topic Summary Statement from Meeting 2: Within 10 years government economic development policies will support research and investment in technologies that support waste and pollution reduction, including recycling processes, waste-to-energy and transportation solutions.

STRATEGIES

Full Cost Accounting

- Support additional research into the costs benefits of compost use, i.e. benefits of avoiding fertilizers, soil benefits, water conservation (G)

Research

- Research and development combining efforts between government, business, and citizens (E)

Grants

- Make grants available to businesses for innovative new sustainable products or practices (B)

Incentives and Disincentives

- Incentivize market development for recyclables (B)
- Establish government incentivized research and development to aid jump start business to develop 'womb-to-tomb' produce development strategies (E)

Milestone Topic: ROLES AND AUTHORITIES (Issue Paper 2)

Milestone Topic Summary Statement from Meeting 2: Within 3 years privatization of solid waste operations will be an option.

STRATEGIES

Regulatory Action

- Ecology to take stronger hand in bringing about product stewardship, toxicity reduction and increased recycling (G)
- Allow counties contract authority for garbage recycling (G)
- Run recycling by private industry but mandate all recycling avenues (E)

New Data and Measurement Tools

- Require state and local analysis of facilities needed to handle composting and recyclables with distance and tonnage analysis (G)

Incentives and Disincentives

- County authority for incentive rates (E)

Milestone Topic: LITTER AND ILLEGAL DUMPING (Issue Paper 3)

Milestone Topic Summary Statement from Meeting 2: Within 10 years litter and illegal dumping will be addresses through increased enforcement. Industry will also play a role through a reduction in disposable packaging.

STRATEGIES

Regulatory Action

- Illegal dumping - lobby legislature to increase penalties for illegal dumping improper disposal (G)
- Develop legislation to reduce disposable items and larger fines for littering (E)

Partnerships

- Create method for citizens to report illegal dumping where consequences result same idea as reporting carpool violation (G)

Education

- Increase public awareness to cost of illegal dumping, public and private property equals tax payer expense (G)

Financial Incentives and Disincentives

- Balance increased disposal fees designed to inhibit waste disposal with increased enforcement programs to inhibit illegal dumping (G)

Incentives and Disincentives

- Encourage the market incentives and education of public that all 'disposable' food and drink packaging be produced from recycled products and be recyclable themselves (E)