



21 Activities for Local and Global Environmental Conservation towards the twenty-first century

"Aichi Agenda 21" is a program which introduce 21 activities we can practice right now, in order to conserve local and global environment. (established on December 1994)

Globally-minded Citizen's 21 Activities

- **Reducing of Garbage**
 - **Garbage Recycling and Reuse**
 - **Establishment of a Recycling System**
 - **Proper Waste Disposal**
 - **Promotion of Measures against CFC**
 - **Promotion of Environmentally Friendly Business Activities**
 - **Practice of Lifestyle with Low Energy Consumption**
 - **Environmentally Friendly Car Usage**
 - **Effective Water Usage**
 - **Consideration to Waste Water**
 - **An Environmentally Friendly Urban Base**
 - **An Environmentally Friendly Transportation System**
 - **Creation of Environmentally Friendly Homes**
 - **Efficient Energy Usage**
 - **Preservation of the Natural Environment**
 - **Preservation of Forestry Resources**
 - **Promotion of Greening**
 - **Promotion of Environmentally Friendly Agriculture, Forestry and Fisheries**
 - **Promotion of Environmental Study**
 - **Promotion of Environmental Conservation Activities**
 - **Promotion of International Environmental Cooperation**
-



Reducing of Garbage

<The Role of Residents>

Activity 1

- Avoid buying things that you do not need, and use longer what you bought.
- Refuse to accept over-packaging and carry your own shopping bag.

Activity 2

- Reduce the amount of kitchen refuse by making full use of foodstuffs and composting unused portions.



if using a compost bin, refuse from your kitchen will decompose in 2~3 months.

<The Role of Businesses>

Activity 1

- Impose self-restraint in over-packaging, and encourage recycling of wrapping materials and containers.
- Promote the products which assist in reducing waste.

A"NOPACKAGINGMOVEMENT"sticker



<The Role of Governments>

Activity 1

- Promote education and waste reduction campaigns. Work to reduce the amount of waste produced
- Support participation by families in efforts to reduce waste.



The Aichi Conference on Promoting the Reduction of Waste

A meeting residents reviewing their lifestyles
(Department of Environment, Aichi Pref.Gov.).

- Since November 1993, the residents, businesses and government of Aichi have combined their efforts to reduce waste and promote recycling.
- Activities include:
 1. Promotion of public awareness
 2. Gathering/Supplying Information
 3. Investigative research
- Major Projects include:
 - Preparation of Material for Educational use
 - Holding Meetings of Prefectural residents
 - Authorisation for the "Love Earth Shop", a store to promote waste reduction
 - Establishment of an Award for competent stores in waste reduction

Garbage Recycling and Reuse

We aim to increase the proportion of regeneration from waste to 10% by the year 2000.

<The Role of Residents>

Activity 1

- Ensure that unwanted possessions are put to use by reselling them eg. at a flea market.



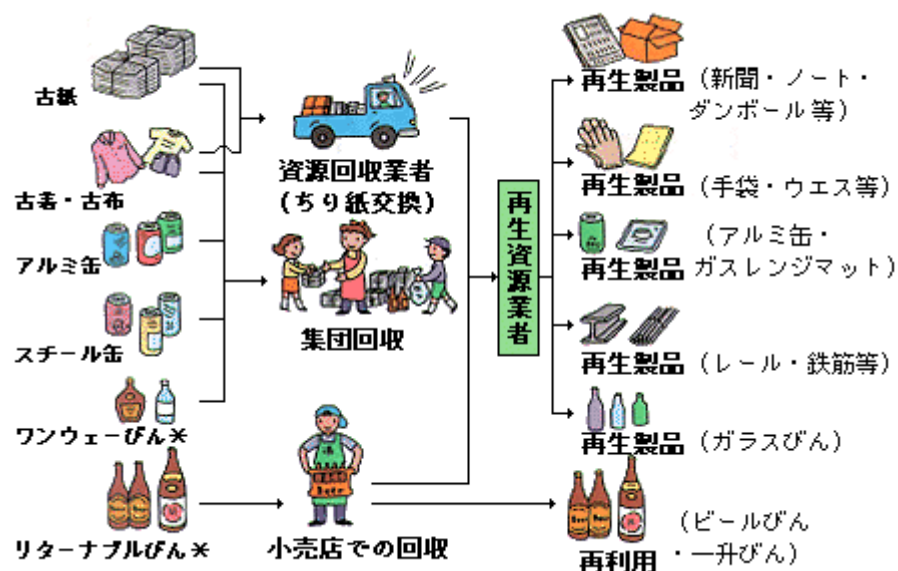
Activity 2

- Help with collection of used paper, cans and bottles etc.

Activity 3

- Cooperate in separating garbage for collection

- Separate used paper by type
- Remove plastic and tape from paper
- Do not put foreign matter in cans and bottles
- Sort bottles by color



<The Role of Businesses/Governments>

Activity 1

- Collect all office waste paper and use recycled paper.

<The Role of Governments>

Activity 1

- Promote garbage separation.



Separate collection of recyclable refuse (Fuso Town)

Activity 2

- Establish facilities for waste recycling. (Recycling Plazas and Centers)



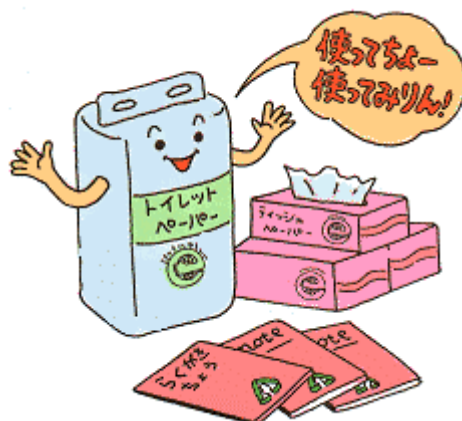
Aichi's Recycling Logo

Establishment of a Recycling System

<The Role of Residents>

Activity 1

- Make efforts to use recycled products such as toilet and tissue paper.



These logos are found on products which use recycled paper. A standard to look for when making your purchasing choice.

<The Role of Businesses>

Activity 1

- Arrange for collection and recycling of your company's products.
- Develop products which are easily recycled.

Activity 2

- Increase the recycling rate by using recycled raw materials.

<The Role of Governments>

Activity 1

- Strengthen the support for the collection of used paper and aluminum cans.

Major support Programs in Cities and Towns

- Offering of grants and incentive payments
- Loan or grant of tools and machinery
- Provision of sites for collection

- Provision of financial support for businesses wishing to introduce waste

recycling equipment or equipment which uses recycled materials



People participating in group collection



Tray collection at supermarkets



Proper Waste Disposal

<The Role of Residents>

Activity 1

- Deepen understanding of garbage disposal plants and industrial waste treatment plants.
-

<The Role of Businesses>

Activity 1

- Obey the disposal by laws criteria and dispose of waste properly.

Activity 2

- Strive to reduce waste.
- Develop technology for extraction of useful resources from waste and use in recycled products.

Activity 3

- Develop products that will not cause difficulties in disposal.
-

<The Role of Governments>

Activity 1

- Promote efforts to minimize industrial waste output and to pursue suitable methods of disposal.

A 10% reduction in buried industrial waste disposal is the target for fiscal year 1996.

Activity 2

- Promotion of a garbage disposal plant construction scheme.

Activity 3

- Support for construction of industrial waste disposal facilities.

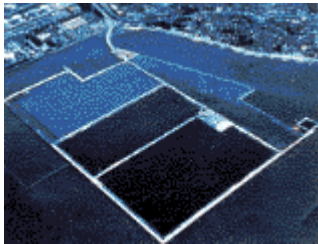
Activity 4

- Work towards distribution of resource regenerating technology from industrial waste.

- To make the Aichi Regional Industrial Waste Exchange System an active program.

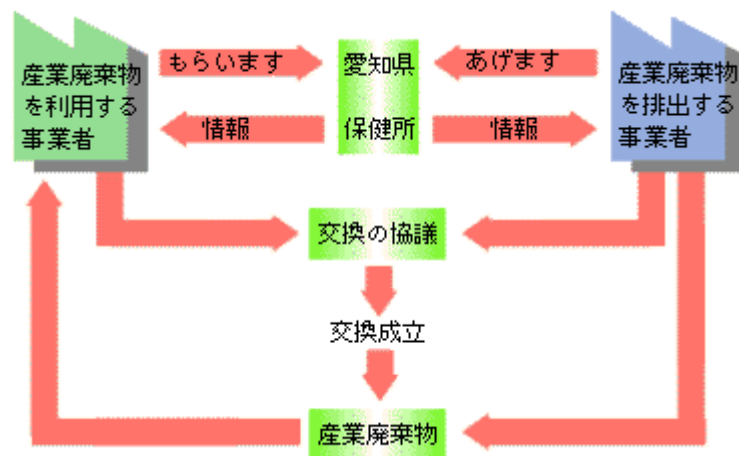


Garbage Disposal Facility
(Owari Tobu Hygiene Association Haruoka Center)



Nagoya Port South Ward 5 Industrial Waste Disposal Site(Completed with public assistance)

●Aichi Regional Industrial Waste Exchange System





Promotion of Measures against CFC

Freon is a generic term for a hydrocarbon halogen compound containing fluorine. The following are the three different varieties:

- CFC(Chlorofluorocarbon)
- HCFC(Hydrochlorofluorocarbon)
- HFC(Hydrofluorocarbon)

In this context, the term [freon] refers to CFC.

<The Role of Residents>

Activity 1

- Make efforts to use non CFC-type refrigerators,air conditioners and related products.



The above sticker is affixed to non CFC-type refrigerators

<The Role of Businesses>

Activity 1

- Convert to using CFC-free cleaning equipment and work towards creating a non-CFC production system.

Activity 2

- Reduce the amount of freon released into the atmosphere by such methods as freon recovery,reuse,rationalization of use and leakage prevention.

<The Role of Governments>

Activity 1

- Support the initiatives of business against CFC.

Financing the establishment and introduction of freon recovery equipment and freon-free cleaning equipment.

- Establishing a system to recover CFCs from oversized refuse and promoting a freon recovery route by business.

Activity 2

- Further advancing measures against CFC of public facilities.

Provisional CFC Guidelines for Prefectural Facilities

- Measures for Large-scale Air Conditioning Facility
(a planned series of renovations and remodelling aimed at introducing non-freon facilities).
- Measures for Car air-conditioning
- Measures for Firefighting facility(halon).



Promotion of Environmentally Friendly Business

Activities

<The Role of Businesses>

Activity 1

- Promote business practices which reduce the burden on the environment.

- Control of pollutant output
- Increase efficiency of energy use
- Reduction in waste production/recycling and proper disposal
- Rationalization of transportation
- Reconsideration of over-packaging
- Development and use of environmentally friendly technology
- Planting of trees in buildings and their compounds

Activity 2

- Establish an in-house system for a planned, comprehensive approach to environmental conservation.
- Carry out discussion of how to implement environmental audit and management as a method of introducing concern for the environment into the overall activities of business.

[Environmental Management/Audit]

Environmental Management refers to the observance by business organizations of the basic regulations of ordinances and voluntary positive activities for the environmental preservation. Such as;

1. formulation of policies, plans and objectives related to environmental conservation
2. implementation and recording of the above
3. audit of the state of policy enactment and reconsideration of strategies.

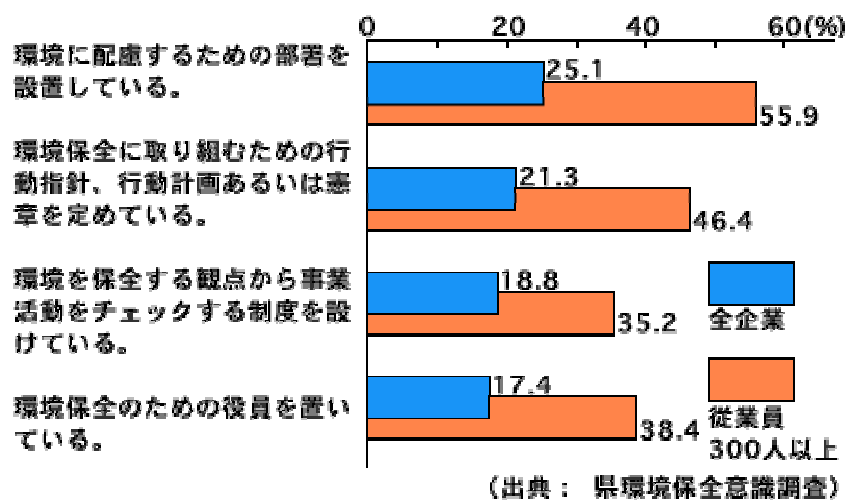
This audit takes the form of environmental audit.

<The Role of Governments>

Activity 1

- Working towards prevention of pollution
 - Support for the environmental policies of small and medium-sized business
 - Promotion of educational campaigns aimed at increasing the environmental awareness of business
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●The State of Systematic Business Approaches to Environmental Protection



Practice of Lifestyle with Low Energy Consumption

A 5% reduction in household energy consumption is the goal for the year 2000.

<The Role of Residents>

Activity 1

- Manage use of electrical and gas appliances to reduce the use of gas and electricity.

● Methods of Reducing Everyday Energy Consumption

Appliance	Suggestions for Use	Annual Energy Saving (per household)
Color Television (150W, 20")	<ul style="list-style-type: none">▪ Do not leave TV turned on▪ When not using set for long hours, put off the main switch	Reducing use by one hour/day Approx. 55kWh/¥1,400
Refrigerator (170 liters)	<ul style="list-style-type: none">▪ Avoid putting too much food inside▪ Place in a well ventilated location away from heat sources▪ Limit opening and closing of door, allow hot items to cool before putting them inside	By limiting number of items to acceptable levels (about 1/3 of capacity) Approx. 6kWh/¥150
Room Air conditioner (700W)	<ul style="list-style-type: none">▪ Set temperature at a suitable level (summer 28°C; Winter 20°C)▪ Clean filter (once every 2 weeks)	Reducing use by one hour/day (based on 70 days use in Summer) Approx. 49kWh/¥1,250
Vacuum Cleaner (500W)	<ul style="list-style-type: none">▪ Clean bag and filter frequently▪ Operate switches very diligently	By cleaning bag and filter Approx. 15W/¥380
Lighting	<ul style="list-style-type: none">▪ Switch off unnecessary lights▪ Clean light bulbs and fittings often▪ Change from conventional bulbs to energy saving fluorescent bulbs	By changing from a 60W conventional bulb to a 20W fluorescent bulb Approx. 31kWh/¥790

(Source: Energy Saving Center Materials)

The energy savings represented in this table would total 156kWh/household and 5% (18 days/year) reduction of annual energy consumption. If every household in the prefecture followed the above suggestions it would result in a 360 million kWh energy saving.

<The Role of Businesses/Governments>

Activity 1

- Turning lights out at lunch time, reducing air conditioning to acceptable levels, purchasing energy saving appliances
- Efficient use of elevators

●Office Energy Saving Strategies

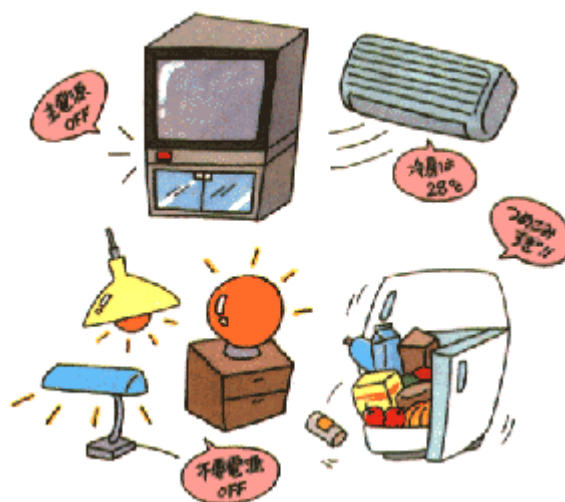
Appliance	Strategy (calculated on 250 days/year)	Energy Saving (per appliance)
Laser Printer(100W)	Switch off 1 hour/day	25 kWh
Personal Computer ([50W] with hard drive)	Switch off 1 hour/day	12.5 kWh
Color Display (60W)	Switch off 1 hour/day	15 kWh
Fluorescent light (20W)	Switch off 1 hour/day	5 kWh

(Source: Environmental Information Center Materials)

<The Role of Governments>

Activity 1

- Promote energy and resource saving campaign programs.





Environmentally Friendly Car Usage

<The Role of Residents>

Activity 1

- Always remember to drive economically.

Examples of Uneconomical Driving	Wasted fuel (2000cc class)
Sudden take-off	10 120cc/times → 1240m lost
Sudden acceleration	10 120cc/times → 1240m lost
Racing engine	10 60cc/times → 620m lost
Idling	10 140cc/times → 1440m lost
Carrying Excess load	10 20cc/kg → 210m lost

(Source: Transport Ministry Documents)

- Keep up checks and maintenance.
- Try to share rides.
- Do not park on-street. Use car parks.



Parking Information System (Toyota City)

<The Role of Businesses>

Activity 1

- More efficient use of freight vehicles

- More appropriate load distribution
- Planned/rational transporting

- Regular checks and maintenance

Activity 2

- Use lower pollution vehicles

Activity 3

- Introduction of shuttle bus service, and encouraging its use
- Stop on-road parking

<The Role of Governments>

Activity 1

- Increase widespread use of low pollution vehicles throughout the prefecture.
 - Lead introduction of low pollution vehicles for government use.
 - Support introduction of low pollution vehicles by business through loans.

Activity 2

- Make efforts towards promoting awareness of "Guidelines for Environmentally Friendly Vehicle Use" (Department of Environment, Aichi Pref. Gov.)



High-speed recharging station

The Committee on Electric Vehicle Promotion Project (CEV) is conducting research on developing high speed recharging stations



Electric Vehicle



Natural Gas Vehicle



Effective Water Usage

<The Role of Residents>

Activity 1

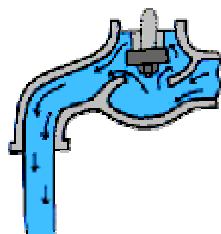
- Manage your water use and try to conserve water.
- Collect rain water and use to water the trees in your garden.

Subject	Usage Management	Water Saving
Water Conservation Washer	Usage 1 turn of the tap releases 6 liters/minute (conventional washer:12 liters/minute)	6 liters/min
Brushing teeth	Using a cup (3 cups/0.6 liters) Leaving the tap running consumes 6 liters/30 sec	5.4 liters
Washing	Rinse in washer filled with water (55 liters) Rinse with water running (110 liters)	55 liters
Car Washing	Using a bucket (5 buckets/30 liters) Using a hose (240 liters)	210 liters
Bathing	Reusing leftover hot bath water (180 liters) (Using half for washing and cleaning)	90 liters

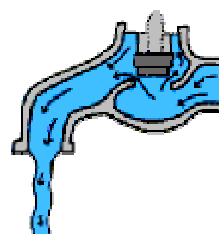
(Source: Japan Waterworks Association material)

If a household cooperated with aforementioned suggestions regarding "brushing teeth","washing" and "bathing", they would save 160 liters of water/day. This corresponds to 14% of average household water use.

Conventional
washer



Water-Conserving washer



The water-conserving is distributed free of charge by municipal water departments (in most areas).

<The Role of Businesses>

Activity 1

- Water conservation and rationalization of use should be emphasized by:

- introducing water saving equipment
- cyclical reuse of process water
- use of rainwater
- collection and reuse of industrial waste water

<The Role of Governments>

Activity 1

- Promote awareness of water conservation through:

Waterworks Week(annually from June 1~7)

Water Week (annually from August 1~7)

- Construction of water supply and management facilities
- Promoting general use of rainwater and sewage water for various purposes(eg.toilet water)



Aichi Prefectural Library's facilities for use of rainwater(pump room & water collection tank)



Water conservation sticker



Consideration to Waste Water

<The Role of Residents>

Activity 1

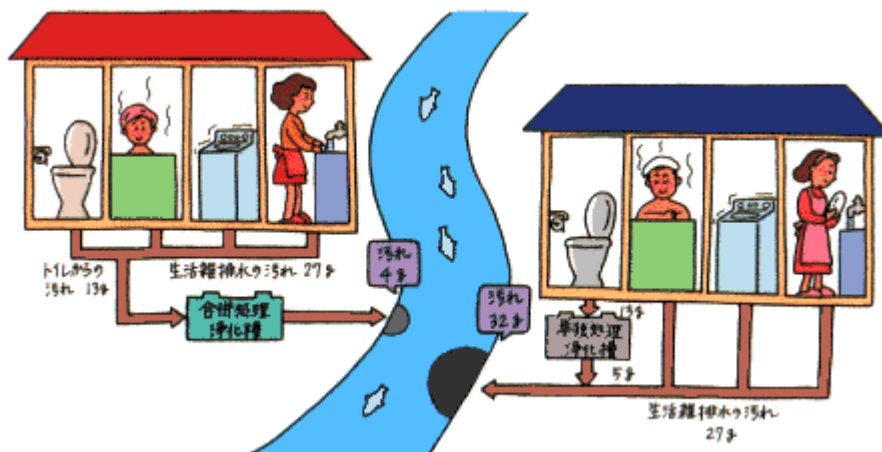
- Treat waste water properly.

Following these rules in the kitchen

- use a strainer with fine mesh
- use a triangular sink tidy or filter mesh in the sink
- wash plates after removing adhering food
- make full use of cooking oil: can be used to make soap or soaked up with newspaper and disposed of

Activity 2

- Use a combined septic tank.
- Combined septic tank vs. toilet septic tank



<The Role of Businesses>

Activity 1

- Make efforts to reduce the disposal of water contaminating substance from factories and industrial locations

<The Role of Governments>

Activity 1

- Promote countermeasures against household waste water.

October is clean waste water promotion month.

- Promote establishment of waste water treatment facilities such as sewerage.

Aim for a rate of household waste water treatment in excess of 65% by the year 2000.

Activity 2

- Work towards promoting widespread use of combined septic tanks(assistance from municipalities,the prefectural and national governments for establishment of these systems).

Activity 3

- Guide and support the waste water treatment policies of businesses through such methods as financing.

Activity 4

- Work towards cleaning up Ise Bay, Mikawa Bay and Aburaga-fuchi

Clean Up Measures for Ise Bay and Mikawa Bay

- Enforce COD-related regulations.
- Designate water zones for environmental standards concerning all nitrogen and phosphorus in coastal waters.
- Promote eutrophication countermeasures.
- Carry out dredging,covering sludge and restoration of beach.

[Promotion of the Aburaga-fuchi water environment emergency recovery plan(Seiryuu Renaissance 21)]

In order to finally meet the environmental standard (COD of 5mg/ℓ),household waste water measures are in effect to realize an interim goal of 8mg/ℓ COD by the year 2000.



Educational and water purification activities on Aburaga-fuchi Purification Day (4th Sunday in July every year).

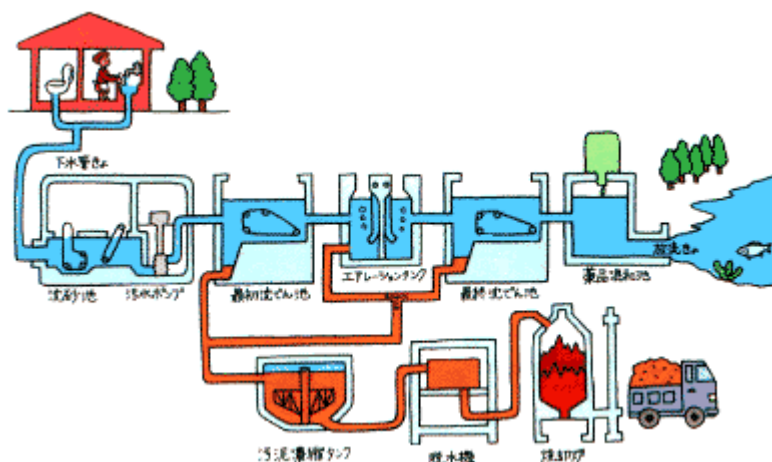
An Environmentally Friendly Urban Base

<The Role of Governments>

Activity 1

- Promote further construction of the sewerage system.
- The objective is approximately 60% sewerage by the end of FY2000.

●Outline of the Sewerage System



Activity 2

- Provide more city parks.

It is proposed to raise the city park area to 8.8[㎡]/capita by the beginning of the 21st century.

Maintenance and upgrading of prefecture-managed city parks	Oodaka Green Area,Obata Green Area,Makinogaike Green Area,Aichi Kenko Forest Park,Higashi Mikawa Furusato Park (tentative name) and others.
Maintenance and Establishment of city Parks	Neighbourhood parkland,district parks,city green area,green roads etc.
Maintenance and upgrading of kiso Sansen National Park	Sanpasen River District Center

Activity 3

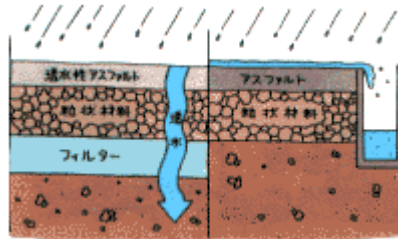
- Step up tree planting beside roads.

The target is an increase in the planting of trees in excess of 6% by the year

2000.

- Work towards introduction of water permeable pavement on:
Footpaths,roads,surrounds of public facilities,parking areas etc.

●Water permeable pavement vs. Conventional pavement



Activity 4

- Step up maintenance of areas surrounding water courses to improve the environment.

● Furusato(Hometown)River Model Projects



FurusatoRiver Model Project
(Yamazaki River)

- "My Town,My River"Upgrading Projects
- Environmentally Friendly Coastline Maintenance
- Environmentally Friendly Upgrading of Ports and Harbours



An Environmentally Friendly Transportation System

<The Role of Residents>

Activity 1

- Use public transport to commute to school or work.

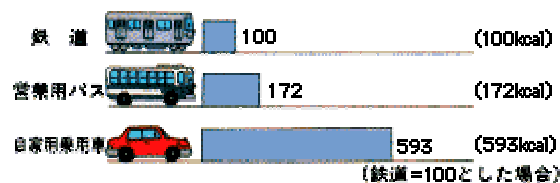
<The Role of Businesses>

Activity 1

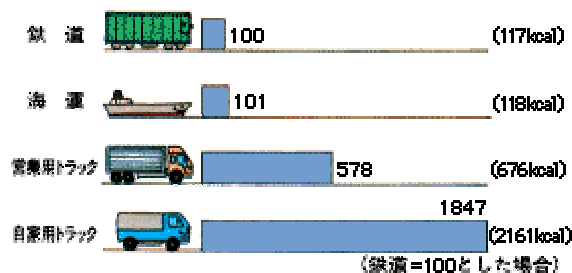
- Make efforts to upgrade the efficiency of freight transport.

- Introduce modal shifts.
- Implement joint goods transport.
- Make use of a distribution information network.

●Energy Consumption: Carrying 1 person 1 kilometer



●Energy Consumption: Carrying 1 ton, 1 kilometer



<The Role of Businesses/Governments>

Activity 1

- Strive to develop the public transport network.

- Construction of new rail links
- Development of Joint Stations
- Maintenance of open areas in front of stations and development of surrounding roads
- Maintenance of bus stops such as establishment of shelters and access signs

<The Role of Governments>

Activity 1

- Creation of a Systematic Road Network

- Construction of bypasses and ring roads
- Construction of left and right turning lanes and overpasses
- Construction of railway and road overpasses

Activity 2

- Subsidies and Financing for Joint Distribution Centers. Support for increasing efficiency of freight transportation
- Stepping up of transport flow efficiency



Prefectural Police Traffic Control Center :
gathering and analysing traffic information;
controlling signals and providing information



Creation of Environmentally Friendly Homes

<The Role of Residents>

Activity 1

● Planning Environmentally Friendly Homes

- House insulation
- Double glass windows
- Solar power system (eg. solar hot water system)
- Solar power generation
- Multi-functional heat pump
- Use of rainwater/water permeable tank
- Planting of trees and plants in garden and on the verandah

Assistance measures, such as the availability of premium financing through the Government Housing Corporation have been established

<The Role of Businesses>

Activity 1

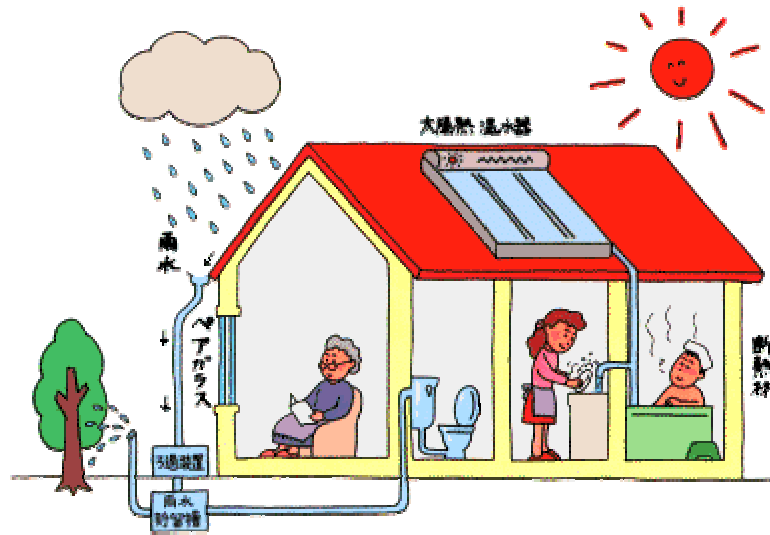
- Make efforts towards encouraging the construction of environmentally friendly houses.
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<The Role of Governments>

Activity 1

- Education of residents and business people

●Image of the Environmentally Friendly Homes





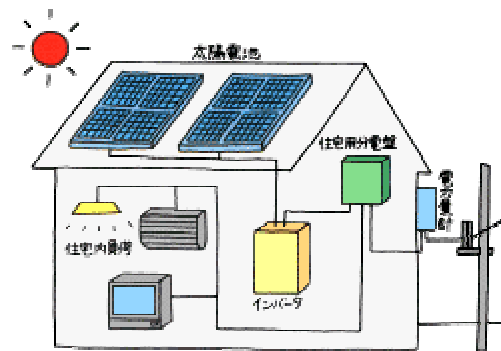
Efficient Energy Usage

<The Role of Residents>

Activity 1

- Make efforts to use solar power systems(eg. solar hot water systems)and solar power generation.

●Solar power generation

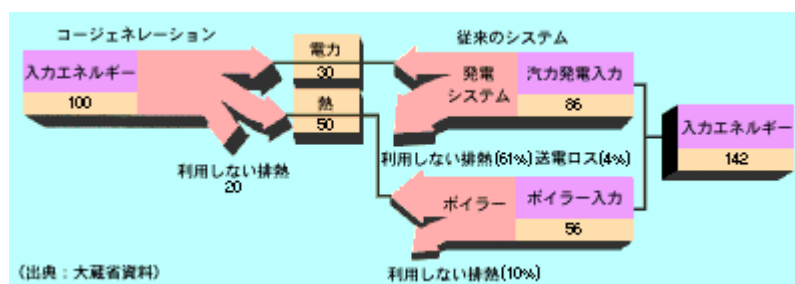


<The Role of Businesses>

Activity 1

- Work towards utilization of natural and unused energy sources.
- Reuse heat exhaust from air conditioners and production processes.
- Implement Co-generation.

●The Significance of Co-generation

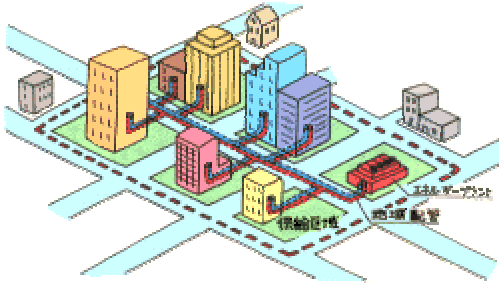


Co-generation is a system which uses the high temperatures generated in combustion of fuel to generate power and that heat exhaust is in turn used to heat water and produce steam, in order to supply hot water and air conditioning for consumption.

Activity 2

- Introduce district heating-cooling system when constructing large scale

building projects.



District heating-cooling is a system that cold water, hot water and steam etc. produced centrally at a heating plant is supplied via the plumbing within a specific local area to buildings for cooling, heating and hot water supply.

<The Role of Governments>

Activity 1

- Promote the expanded use of residual-incinerator heat.

Among the 40 Incinerator Facilities in Aichi:

- 16 supply residual heat to external consumers
- 8 generate electricity (3 sell electricity)



Example of Employment of
Residual Incinerator Heat
(Tomita Kita Pool, Nagoya)

- Strive to introduce co-generation and solar power generation in public facilities

Activity 2

- Promote widespread use of district heating-cooling system.



Preservation of the Natural Environment

<The Role of Residents>

Activity 1

- Respect nature and be considerate of the living things around you.
- Participate in nature and bird watching activities.



Nature observation

<The Role of Businesses/Governments>

Activity 1

- Consider the importance of preserving precious wildlife and ecology in development projects.
- Conduct business environmental protection policy according to such guides as "Environmental Impact Assessment".

[Environmental Impact Assessment]

Environmental Impact Assessment is the surveying, measuring and appraisal of the environmental impact in an area prior to the go-ahead for a development project. In Aichi, the "Guidelines for Environmental Assessment in Aichi" were drawn up in 1986, and unified procedures were decided upon.

<The Role of Governments>

Activity 1

- Ensure a beautiful natural environment and wildlife preservation through designation of Nature Conservation Areas and Nature parks and establishment of Bird and Wildlife Sanctuaries.



Kozutsuminisiike Prefectural Nature Conservation Area

Activity 2

- Efforts to implement natural river engineering.

Preservation and recovering of current and depths, use of plant life and natural rocks to construct river walls and construction of fish ladders etc.



Natural River Engineering(Yahagi River)

- Construction and engineering of roads to cause minimum obstruction to natural ecosystems



Animal trail

- Protection and recovering of the biotopes

Activity 3

- Improvement of facilities for observing and experiencing nature
- Promotion of wildlife surveys and improved wildlife education



Yatomi Wild Bird Park



Preservation of Forestry Resources

<The Role of Residents>

Activity 1

- Get to know the forests and learn about them.



Aichi Shinrin (Forest) Park

<The Role of Businesses>

Activity 1

- Make effective use of domestic forestry resources.

- Improve timber processing technology
- Promote use of domestically produced materials and tree felling
- Rationalise processing and distribution; emphasise high value-added products



Log house built from Mikawa logs

<The Role of Businesses/Governments>

Activity 1

- Reduce use of imported tropical wood in concrete frames.
 - Gradually rationalise use of concrete frames in public works
-

<The Role of Governments>

Activity 1

- Planning forest management and conservation

Forestation Targets:(FY1986'FY2000)

Single-layer forests 15,140 ha

Multi-layer forests 260 ha

Natural forest nurseries 900 ha

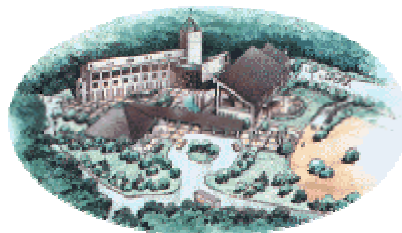


Multi-layered forests

- Support improvement of timber processing technology and promotion of use of domestic timber products.
- Expand use of domestically produced materials in public works.

Activity 2

- Promote establishment of forest recreation facilities.



Artistic Impression of the Prefectural Forest Visitor Lodge

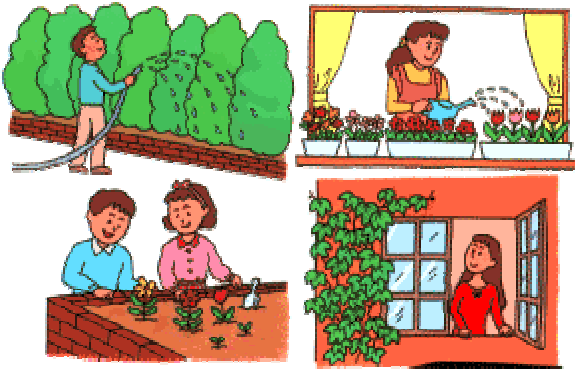


Promotion of Greening

<The Role of Residents>

Activity 1

- Plant trees and flowers around your house.



- Participate in and cooperate with the Green Festival and other events.

- Green Feather fund raising
- Green friendship festival
- Aichi City Greenery Fair



Green Festival

(Department of Agricultural Land and Forestry, Aichi Pref. Gov.)

- Preserve greenery and promote greening in regional development
-

<The Role of Businesses>

Activity 1

- Planting of greenery in factory grounds, on roof tops and on building walls



Business activity of roof-top greening

<The Role of Governments>

Activity 1

- Designate greening promotion zones, and promote planting of trees and plants at public facilities.

The aim is designate 500 zones by FY2000.

- Encourage support of greening activities by business and residents.

- Conducting various related educational activities
- Encouraging the spread of greening techniques
- Guidance of greening of factories
- Support for tree planting on private land through the "City Tree Planting Fund"

Activity 2

- Maintain inner-city greenery through designation of scenic zones, green conservation areas and agricultural green areas.

● Presently Designated Areas

Type of Sites	Number of Site	Size
Scenic zone	45	4,920.7 ha
Green conservation area	67	140.1 ha
Agricultural green area	-	1,611.01 ha

Agricultural green areas were on January 1, 1994
and other areas were on the March 31, 1994.

Promotion of Environmentally Friendly Agriculture, Forestry and Fisheries

<The Role of Businesses>

Activity 1

- Encouragement of environmentally sustainable agriculture, forestry and fisheries

- Reduce the level of dependence on agricultural chemicals and chemical fertilizers
- Optimisation of forestry production and diversification of management
- Management of fishery resources and promotion of breeding stocks

<The Role of Governments>

Activity 1

- Reduce the use of agricultural chemicals and chemical fertilizers to 80% of FY1982 levels by FY1996.
- Promote establishment of livestock excreta treatment facilities.



Livestock excreta treatment facility

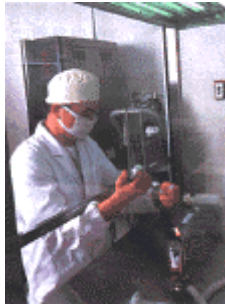
Activity 2

- Build a firm base of agriculture, forestry and fisheries production and living environment.

Activity 3

- Promote development of agriculture, forestry and fisheries technology.

- The latest technology such as Biotechnology
- Fertilizer and Soil Management Technology

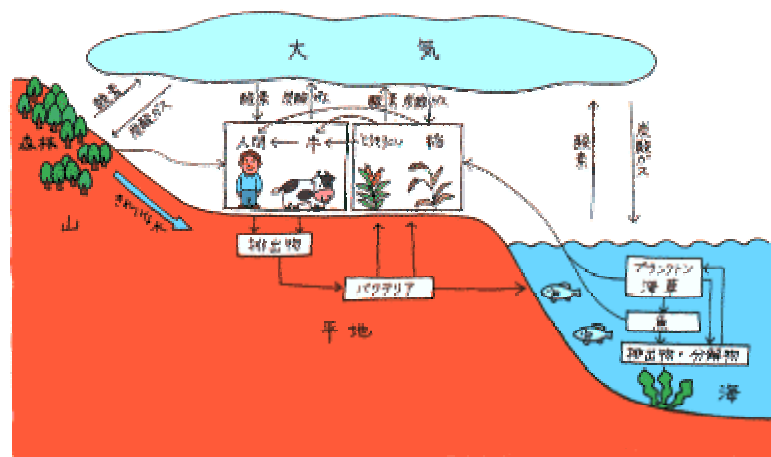


Research being conducted at the Aichi Agricultural Research Institute

●Maintenance Policy for Aichi's Agricultural Forestry and Fisheries Base

Agricultural Base	<ul style="list-style-type: none"> ▪ Comprehensive Maintenance of Agricultural land eg. farmland maintenance projects ▪ Development of mainstream irrigation/drainage projects ▪ Agricultural disaster prevention projects
Forestry Base	<ul style="list-style-type: none"> ▪ Maintenance of single layer,multi-layer and natural nursery forests ▪ Appropriate implementation of tree felling and nurturing ▪ Establishment of forest roads and service roads
Fisheries Base	<ul style="list-style-type: none"> ▪ Improvement of water quality in Mikawa Bay,protection of fishing grounds ▪ Development and maintenance of fishery and fish nurseries ▪ Maintenance of fishery ports

●Cyclical Production of Agriculture, Forestry and Fishery





Promotion of Environmental Study

<The Role of Residents>

Activity 1

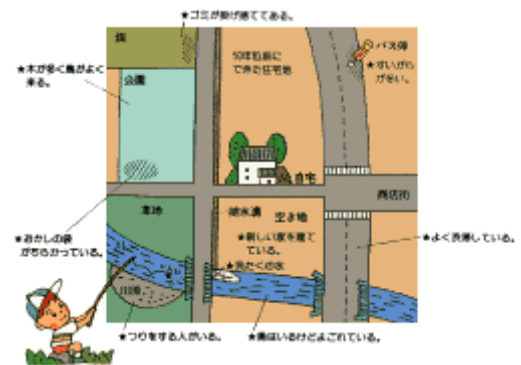
- Talk about and study environmental problems at school and at home.
- Participate in lectures, classes and field trips.
- Keep a journal of home conservation activities and make an amenity map.



● Example of an Amenity Map

A: よくできた B: だいたいできた C: できなかった		週 次 家						
日 次	今週の目標	初日	2日	3日	4日	5日	6日	7日
12月4日	①テレビのスイッチをこまめに切る	A	A	B	A	B	C	C
12月13日	②瞬間湯沸器や風呂の煙火をつければなしにしない	A	A	A	B	A	A	B
12月14日	まで							
今週の使用量		反省点・感想						
電 気	61kWh	テレビのスイッチについて、最初のころはよくできたが後半になるにつれ忘れがちになった。とくに父さん。もう一週間続ける必要あり。						
ガ ス	17.5m ³							

● Example of a Home Conservation Journal



(Source: Japan Environment Association)

<The Role of Businesses>

Activity 1

- Promote environmental education of employees through providing employee education opportunities.

- Holding and participation in lectures etc.
- Excursions to advanced facilities
- Production of internal education material
- Gathering of ideas and proposals
- Participation in environmental beautification activities
- Support local environmental preservation activities by providing donations and setting up of organizations and funds

<The Role of Governments>

Activity 1

- Support environmental study in local households, businesses and in the local community.

- Production of environmental education television programs and videos
- Provide correspondence course
- Hold district environment seminars
- Hold lectures and classes and field trips

- Continue construction of the Aichi Women's Center (Tentative name) and further consider the establishment of the Life Long Study Center.

Activity 2

- Promotion of environmental education in schools

- Promote environmental education in related subjects and special activities
- Promote environmental conservation activities in Prefectural high schools
- Prepare an Environmental Education reader

Activity 3

- Promote environmental surveys of the local area through participation of Aichi residents in the "Aquatic life survey" and others.



Activity 4

- Encourage establishment of local environmental education network.
- Work towards comprehensive promotion of, and strengthening of organization of environmental education.

Activity 5 Aquatic Life Survey

- Improve supply of environmental information and access to information services.
- Promote various education activities and encourage wide use of eco-labelling.



Eco Label

A symbol affixed to environmentally friendly products



Promotion of Environmental Conservation Activities

<The Role of Residents>

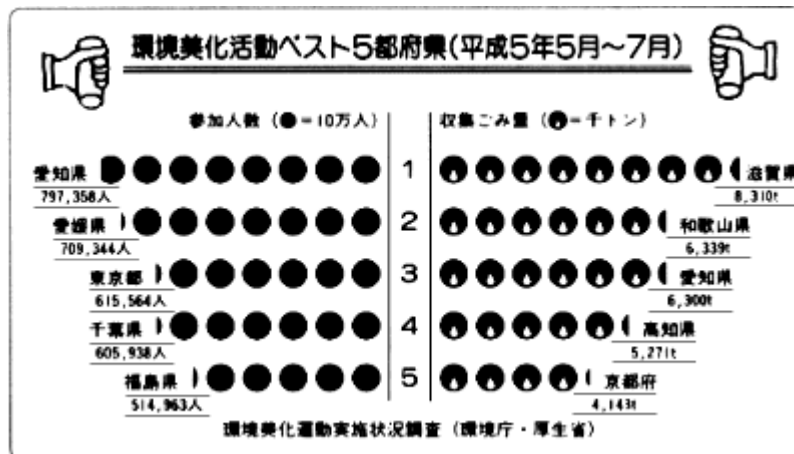
Activity 1

- Cooperate with and participate in environmental protection activities in the local area eg. Environmental beautification campaigns

<The Role of Governments>

Activity 1

- Support Action Campaigns of local environmental groups
 - Providing information and know how
 - Education of activity leaders
 - Setting up and provision of facilities for activities
 - Strengthening of networking between organizations
 - Assistance with local groups' resource collection activities



530 Campaign Activities



Promotion of International Environmental Cooperation

<The Role of Residents>

Activity 1

- Increase understanding about the environmental problems of developing countries.
 - Promote participation, understanding and cooperation with international exchange and environmental cooperation activities.
-

<The Role of Businesses>

Activity 1

- Promote transfer of environmental conservation technology to developing countries.

Activity 2

- Work towards environmental protection when undertaking projects in foreign countries by pro-active anti-pollution measures.
-

<The Role of Governments>

Activity 1

- Expand acceptance of trainees and survey groups from developing countries.

- | |
|---|
| <ul style="list-style-type: none">● Production of English language materials, videos and training materials● Consideration of establishment of training course |
|---|



Acceptance of trainees from developing countries



English and Chinese pamphlets
produced by Aichi Prefecture

◆ Number of Trainees Accepted in Aichi (people)

Year	1990	1991	1992	1993	1994
Number of Trainees	46	40	30	32	29
Number of Specialists dispatched	-	1	3	-	1

- ◆ Dispatch of conservation technology experts to developing countries.

Activity 2

- ◆ Promote international environmental exchange through concluding friendship agreements and sister city affiliations.
- ◆ Deepen exchange between regional self-governing organizations tackling environmental preservation tasks.



Air pollution in developing countries
(Photograph: Japan Environment Association)



NO PACKAGING MOVEMENT

To Reducing of Garbage



A "NO PACKAGING MOVEMENT" sticker