



States of Jersey 
of Jersey

Eco active states 2015 annual report

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1. Introduction

This is the fourth annual summary report on the progress of the implementation of the eco active states (EAS) programme in the States of Jersey (SoJ).

Eco active states, is an environmental management programme that helps departments to manage the environmental impact of their day to day operations through a structured programme.

This report covers the period from 1 January to 31 December 2015 and builds on the progress made in 2012 - 2014. It reports on the implementation of eco active States across 49 business units from within the ministerial and non-ministerial bodies that make up the States of Jersey administration.

EAS has senior level commitment and support from the Corporate Management Board. The Deputy Chief Officer Department of the Environment is the corporate lead on the programme.

Since 2013 the States of Jersey Financial Report and Accounts have included a corporate sustainability report in line with the UK government guidance. Eco active states enables individual departments to demonstrate how they are contributing to the overall sustainability impact of the organization as outlined in the corporate sustainability report. The report provides the high level data on resource consumption by the States of Jersey for 2015.¹



In April 2015, the Chief Officer of TTS was awarded with their eco active States certificate. This means that the SoJ has met its target to have all Departments meeting the requirements of the eco active programme by the end of 2015 (excluding HSSD).

In recognition of this achievement, the States of Jersey is recognised as a member of the eco active business programme.



1

<http://www.gov.je/Government/PlanningPerforman>

<ce/BudgetAccounts/Pages/StatesofJerseyAccounts.aspx>

2. Scope

The States of Jersey (SoJ) administration includes Ministerial Departments and non-Ministerial departments. A number of changes took place with departmental structures and responsibilities in 2015, some of these changes took place in 2015 and others will be implemented in 2016.

The departments are:-

- Chief Minister's;
- Economic Development (now Economic Development, Sport and Culture)
In July 2015, Jersey Harbours and Jersey airport became incorporated as Ports of Jersey and will be joining the eco active business programme.
Also in 2015, Visit Jersey became an arms-length organisation and is included as a member of the eco active business programme;
- Education, Sport and Culture (now Department for Education);
- Environment;
- Health and Social Services;
- Home Affairs; (now Department of Community and Constitutional Affairs)
- Housing - On 01 July became Andium Homes and transferred

to a wholly States-owned housing company. Andium Homes has joined the eco active business programme;

- Social Security;
- Transport and Technical Services (in 2016, TTS will become Department for Infrastructure);
- Treasury and Resources.

The non-Ministerial departments are:-

- The Bailiff's Chambers;
- Data Protection Commission;
- Judicial Greffe
- Viscounts Department;
- Law Officers' Department;
- States Official Analyst
- Probation and After-care services;
- States Assembly (including the States Greffe).
- Magistrate's court

In 2015 the Department of the Environment, the Active sports centres continued with piloting the implementation of the ACORN BS8555 standard.

As at 30 June 2015, the States of Jersey had 6,230 core staff (fte); and was responsible for administering 337 sites out of 925 sites owned by the States of Jersey.

3. Eco active States commitment

The States of Jersey Corporate Management Board adopted the Eco active States commitment on 16 February 2011 and was renewed in 2012.

The States of Jersey is committed to reducing the environmental impacts caused by the day to day operations of our services and activities.

We will work to reduce the negative environmental impact of States of Jersey departments by following these principles:

We will comply with the requirements of environmental legislation and approved codes of practice

We will aim to improve environmental performance

We will reduce pollution, emissions and waste arising from our activities

We will reduce the use of all raw materials, energy and supplies

We will raise awareness, encourage participation and train employees in environmental matters

We will encourage similar environmental standards from all suppliers and contractors

We will assist customers and clients to use products and services in an environmentally-sensitive way

We will liaise with the local community

We will participate in discussions about environmental issues

**Corporate Management Board
States of Jersey**

Date: February 16th 2011

4. Legal Compliance

All departments need to demonstrate how they are complying with relevant environmental legislation.

Waste and water legislation is applicable to all service areas. To ensure compliance with these laws and to help minimise the risk of a pollution incident occurring from a states owned site, pollution prevention plans are completed for all sites. This helps departments to make sure they avoid spills and leaks or incorrect storage and disposal of materials which could result in pollution incidents and associated enforcement action. All schools are required to submit plans as part of the Eco Schools programme.

Briefing sessions take place for site and building managers covering waste legislation, water monitoring and developing workplace travel plans.

The TTS department have colour coded drains at La Collette and Bellozanne, blue for surface water and red for foul. This provides a simple visual reminder for all site users, and helps to reduce pollution risk.

During 2015 the Department for the Environment worked closely with the emergency planning and business continuity officers to ensure that climate resilience was included along with other environmental risks onto the SoJ corporate and community risk registers.



Completion of pollution prevention plans has led to a significant improvement in storage of materials at Warwick Farm.

5. Staff Involvement

The eco active network is the core of the eco active states programme; there are 53 departmental and building environmental champions (ECOs); and over 100 active green team volunteers across the organisation. The role of the network is to cascade information throughout departments and to coordinate the completion of documentation. ECOs are encouraged to set up departmental green teams to involve more staff across the different business units in their department.

Quarterly ECO network meetings take place to share experiences. One-to-one meetings are also held to help monitor progress and assist with the completion of action plans. ECOs organise their own departmental staff awareness programme working with their green team and building user groups.

Communications

The eco active environmental communication programme continued during 2015.

The Energy Plan² set a target for the States of Jersey to reduce emissions by 25% by 2020. The eco active states programme provides a structured programme to support behaviour change which will contribute to this target. The communications programme focussed on all aspects of resource efficiency.

To ensure efficient use of materials, communications materials were developed that could be used by both the eco active business programme and to support the states activities.

Regular articles are posted on the intranet to remind staff about a range of environmental messages including; switching off computers during the Bank Holidays and turning off unnecessary lighting during the summer months; United Nations World Biodiversity Day; World Environment Day. To support Fairtrade fortnight, departments were reminded of the commitment given by the Council of Ministers in 2012 that all tea, coffee and sugar purchased with States of Jersey funds must be Fairtrade.

Departments showed their support for Earth Hour on the 28th March, by switching off all unnecessary lighting and electrical equipment. As a symbolic gesture the lights at Mont Orgueil and Elizabeth Castle, Victoria Avenue, St. Brelade's Bay Promenade, and Fort Regents dome lighting were all switched off.

² <http://www.gov.je/Government/Pages/StatesReports.aspx?ReportID=1039>

6. Progress on Priority Areas

The States of Jersey administration could have a significant impact on the environment from both its day to day operations and its service specific activities. All service activities have environmental impacts in the areas of procurement, water, energy, transport and waste, a set of corporate actions have been identified that all departments are required to implement. Total expenditure and consumption data is published in the annual accounts sustainability report, available from <http://www.gov.je/Government/PlanningPerformance/BudgetAccounts/Pages/StatesofJerseyAccounts.aspx>

Procurement

The States of Jersey is committed to the principles of sustainable procurement. The eco active commitment requires all Departments to ensure that sustainability is considered as part of the procurement process.

All procurement templates include the requirement for respondents to demonstrate their environmental management systems evidenced either through participation in the eco active business scheme or another recognised environmental management standard³. The requirement is included, as appropriate, in requests for quotation, pre-qualification questionnaires and invitation to tender documents.

It is SoJ policy to purchase recycled paper and Fairtrade tea, coffee and sugar.

Water

Reducing water use and ensuring pollutants do not enter the water course are the two priority actions for this important area. The focus has been to look at ways of reducing usage and a requirement for the completion of site specific pollution prevention plans in order to reduce the risk of pollution occurring.

In addition to reviewing pollution prevention plans, ECOs were invited to attend an advanced pollution prevention spill training course with Jersey Biofuel. Several places were filled by TTS staff with specific responsibility for spill management planning and practical spill response.

During 2015, all SoJ sites were moved to the Jersey Water metering system enabling more effective monitoring of usage and identification of leaks.

Transport

Five travel plans were completed for the Department of Infrastructure (formerly TTS), Cyril le Marquand House, the States of Jersey Police, the Bridge and Airport Cargo Centre; 28 school travel plans were completed; five further plans are in progress to complete in 2016.

³ <http://www.gov.je/environment/ecoactive/ecoactivebusinessnetwork/Pages/index.aspx>



The 2015 TTS Cycle Challenge took place in June. The top four winning places were won by the following departments; TTS, Social Security and Home Affairs. Collectively, throughout the challenge over 1 million calories were burned and participants recorded ~~df~~ trips equivalent to riding over 24,000 miles.

Discussions have taken place between JPH and ECOs to look at ways of improving drying facilities and showers in buildings for

those wishing to cycle to work. ECO's were invited to attend sessions on sustainable transport planning and to hear from other Jersey based organisations, such as Jersey Post, about the improved efficiency benefits that travel planning can bring. The SoJ fleet manager also provided information on the challenges faced with running the organisations fleet services and plans for using logistics planning software.

Ten electric vehicles continued to be trialled in Transport & Technical Services, Department of the Environment and the Economic Development Department. A review was undertaken to assess performance and efficiency. The findings of the review led to a reduction in the number of electric vehicles being used. It was identified that due to the relatively low mileage of the vehicles, less than 6,000 miles per annum, the fuel efficiency benefits were not being realised. The remaining six vehicles are to be reallocated to high mileage service areas in 2016 and performance and efficiency will be continued to be monitored.

Energy

Eco active continued to support technical energy efficiency improvements being made by Jersey Property Holdings (JPH) as part of their ongoing capital programme of building improvements and management of office accommodation. More information about the JPH programme is included in the department update section.

In 2014, SoJ spent £12million on energy. Seasonal heating guidelines were issued by Jersey Property Holdings (JPH) to provide staff with a greater understanding of changes in office heating. This information was sent to all ECOs and facilities managers and made available on the intranet. Some other examples of the energy saving activities are included below.

Building management systems

An ongoing BMS training programme was launched in May initially focussing on Les Quennevais, Langford, Springfield and Haut vallée sports centres, JPH and Jersey Library, plus 10 schools. The training helped identify energy saving measures such as replacing the pool cover at Les Quennevais resulting in estimated savings of c. £14,500 per year. The heating times for the large sports hall and hot water at Les Quennevais were also reduced for those days when the centre either closes early or

is not in use. Similar measures were identified at Langford sports centre including introducing a zoned heating system, new pool cover and improved monitoring.

Energy dashboards

Monthly dashboards are issued by JPH to ECOs and finance directors to provide information about building energy consumption. The dashboards show monthly energy use and compare performance against the previous year to provide an easy way of identifying unusual energy consumption patterns.

Energy Case Study: Sports Division. In 2014, the sports division ran an inter centre energy competition. The purpose was to assess the impact of behaviour change on electricity use. Fort Regent achieved a 10% reduction in energy consumption and invested some of the savings achieved in minor capital improvements for the centre. By May 2015, the Sports division as a whole had reduced consumption by 9.4% compared to the same period in the previous year.

To maintain momentum the sports division has continued to:-

- Include electricity consumption as an agenda item at monthly operation meetings.
- Issued monthly tracking sheets to all divisions showing electrical consumption.
- Engage with eco active states to get BMS training for Duty Mangers.
- Refurbishment programmes include the installation of LED lighting.
- Service level agreements have been updated for tenants and sports clubs.
- Maintain an open and honest dialogue with staff.
- Issue a season checklist to staff to make sure that heating and lighting times are adjusted accordingly to daylight and working hours.

Further information on the sports centre achievements is included in the departmental update section.

Waste

Jersey's Solid Waste Strategy follows the internationally recognised waste hierarchy which prioritises waste prevention and minimisation ahead of reuse which is prioritised above recycling. All Departments were encouraged to carry out simple waste audits. Carrying out a waste audit helps departments to understand how much waste is being generated, that recycling facilities are suitable and that separated waste is being recycled correctly. The campaign was also promoted to the business community.



<http://www.gov.je/Industry/EcoActiveBusiness/EcoActiveBusinessCampaigns/Pages/WasteAuditCampaign.aspx>

All departments are able to recycle the following items; batteries, metals (including packaging and cans), electrical items, glass, plastic bottles (clean and no tops), paper and cardboard.

7. Departmental Updates

The following section provides an overview of environmental performance for the period January 2015 to December 2015.

Chief Minister's Department, Treasury and Resources Department & Economic Development

The Chief Ministers Department, (CMD) Treasury and Resources Department (T&R) and Economic Development are accommodated together in Cyril-le-Marquand House. To maximise benefits they have worked together to implement much of their programme on a building wide basis.

A range of building specific actions have included:-

- Supported the windows replacement project in CLMH.
- Running surveys on how many users within the building are not shutting down their PCs at the end of the working day.
- Supported the eco active energy programme using mini-characters to raise awareness of energy use
- Supported the cycling challenge.

Several departments relocated into Cyril Le Marquand House during 2015, with more planned in the 1st quarter of 2016; as such, the team plan to undertake a refresher of the main eco initiatives that had been put in place.



Information Services Division

- A new standard desktop is being introduced as part of the SoJ IT replacement programme which draws only 8W of power when idle. 500 units were deployed by the end of 2015.
- ISD are working with Hunt Brothers to recycle scrap machines and cables with any money raised going directly to Durrell. This should remove the need for any IT electrical waste entering the waste stream.
- A new-starters email includes a reminder that all pcs/ monitors are to be switched off at the end of the working day.

Jersey Property Holdings

Jersey Property Holdings are responsible for managing the SoJ property portfolio which includes 337 properties. JPH have an ongoing energy management programme which includes a wide range of measures and actions funded through the capital programme. Can we link to a published business plan or capex programme for transparency?

A green team was set up to ensure that both direct office based environmental considerations and the wider impacts of the service are taken into account across all areas of facilities management, estate management, architects and the office modernisation programme.

Within the office the team ensure that heating/air conditioning is operating at a suitable temperature in the building and that all computers, lights and non-essential equipment are turned off at the end of the working day. Other measures include recycling of paper, cartridges, batteries, cans and bottles takes place; installing a point of water dispenser in the kitchen area and look to install in other areas across the JPH estate; installing a drying room to encourage cycling to and from work and introduce eco active parking permits for eligible fleet cars; continuing to support managed print, the purchase of recycled paper, Fairtrade tea, coffee and sugar.

Specific environmental actions implemented across the JPH Estate include:-

- Design and build of a new primary school – see case study.
- Extensions to 6 primary schools, providing additional teaching space and incorporating installation of energy saving measures and upgrade of facilities to improve efficiency.
- Programme of condition assessments carried out on (SWEETT) HSSD properties to inform capital programme.
- Oil meters installed in Cyril le Marquand house, Les Quennevais sports centre and Morier house to link to central BMS which will enable more accurate monitoring and reporting.
- Window replacement programme in CLM House
- Implementation of an LED lighting replacement programme across the property portfolio, where feasible.
- Extension of cleaning regime to include light fittings/diffusers to ensure optimum lighting output.
- Phasing out the use of R22 gas across the portfolio and documentation of all remaining R22 in line with waste law requirements through contractors.
- Building management training for facilities staff to ensure heating/ cooling systems are running efficiently.

St Martin's school case study.

Building of new primary school to highest environmental standards which include the following measures:-

- 76 photo-voltaic solar panels which can provide 22kw of electricity, which is the average base load of a typical primary school.
- 12 sun tunnels are used to light the school corridors, encouraging the use of natural day light and virtually eliminating the need for electric lighting in daylight hours. Where lighting is used it is provided by energy efficient fluorescent and LED lights.
- 30,000 litre rainwater harvesting tank used for flushing toilets.
- Air source heat pumps provide heating.

- Natural ventilation provides cooling which helps to reduce the amount of CO₂ in the classroom from the pupils, improving attentiveness and providing a better learning environment.
- Permeable paving and tarmac around the school allows rainfall to soak to ground rather than running off the site providing sustainable drainage to improve climate resilience.
- Sustainable and maintenance free building materials. Natural materials include timber cladding and granite and man-made materials such as concrete roof tiles and self-coloured render are maintenance free.

Department of the Environment

The Department of the Environment is based on 2 main sites, at South Hill and Howard Davis Farm. In addition the DoE has sites at the airport (Met office) and La Collette (Marine Resources) and also operates a sea vessel, the Norman le Brocq marine resources vessel. Environmental action plans have been prepared for each of these locations.

The DoE recognises that its main impacts arise from the functions and interactions it carries out in working to protect and enhance the Islands built, natural, marine and land environment. The DoE administers and regulates a number of environmental laws and is responsible for ensuring compliance with a range of international multi-lateral environmental agreements. See business plan for a full list⁴.

Some of the key areas progressed in 2015:-

- Ongoing coordination of implementation of the Pathway 2050 Energy Plan for Jersey which sets out a set of actions to achieve Kyoto protocol commitments to reduce greenhouse gas emissions through an energy demand management programme.
- Commenced development of a climate change adaptation plan by engaging stakeholders in identifying actions and opportunities to put in place

⁴<http://www.gov.je/Government/PlanningPerformance/StrategicPlanning/Pages/StatesDepartmentalPlans2015.aspx>

measures to adapt to the challenges of extreme weather whilst ensuring social equity.

- Integration of climate resilience measures into the Future of St Helier project, including assessment of tree cover and contribution of open space to climate resilience to be commissioned in 2016.
- Input to critical infrastructure policy through the review of the sea defence strategy.
- Consultation was completed on revisions to building bye laws to bring them up to UK standards which will ensure higher levels of energy efficiency in both new build and retrofit of properties and commercial premises.
- Working with 20 businesses to identify energy saving opportunities, in partnership with Jersey Business.

Raising environmental awareness and encouraging participation in environmental management are also important functions of the department. The DoE continued to coordinate the eco active programme which includes the following sector specific schemes:

- Eco Schools – supporting the Education service in implementing the international standard for schools, all Jersey schools now participating.
- Eco active business – based on the requirements of the ISO14001/BS8555 environmental management standard. 160 businesses participating, scheme was redesigned and relaunched in 2015 to focus on actions

supporting the energy plan targets.

- Eco active states – parallel to the EAB scheme, tailored to the public sector.
- Energy Efficiency Service continued to provide advice and support through a grants programme to socially vulnerable individuals and community organisations. The programme ceased at the end of 2015 due to financial constraints. Reports on the programme achievements are available on www.gov.ie
- Biodiversity Champions – encouraging organisations to support species and habitats

Department of Education, Sport and Culture

The report covers the department as structured at the start of 2015, comprising the schools and colleges, central administration, the sports centres (including external areas), Jersey Arts Centre, Highlands College and St James Centre, Jersey Library, 6 Youth Centres and The Bridge Community Centre.

Some of the areas of significant development for 2015 have been:

- In partnership with Jersey Property Holdings (JPH) a replacement programme of existing tubes/spotlights to LED has been completed. Heating systems have been reviewed and upgraded and where possible roof installation has been improved. For example the refurbishment programme at Janvrin has significantly improved the school's teaching & working environment.
- Improve monitoring and recording of energy use across sites, extended monitoring to remote sites e.g. FB fields, Grainville, measured against occupancy and weather.
- Staff training specifically developed for site managers and caretakers relating to the operations of the schools' building Management Systems (BMS) has improved the schools' environmental standards and monitoring of their plant and equipment.
- Recycling – across our sites we are now recycling paper, plastic, batteries, cardboard.

- Across the services pollution prevention plans have been developed and reviewed.

Leadership

The continued Senior Management Team (SMT) support for the eco active states project has been paramount to the successful implementation and full departmental certification. The department ECO reports on progress directly to the Senior Management Team and the SMT continues to assist in promoting behavioural and cultural change throughout the Department. The ECO clubs and leads within each school are delivering a similar message, which has now becoming part of our schools' and colleges' culture.

ESC - ECO Team

The work of a well-structured ECO Team is now well established and meetings with representatives from the Sports Centre's, Jersey Library, Jersey Arts Centre, The Bridge, Youth Service, Schools, Colleges and Central Administration are held quarterly. These meetings have been very proactive and so important in the delivery of this eco active programme, and the support networks we have developed have enabled us to meet strict deadlines and agreed objectives.

To highlight a few of these areas and quantify both financial and environmental improvements some of the achievements in 2015 are included here:-

ESC - Department

The installation of LED lighting; the separation of electricity metering for improved monitoring and management of usage of buildings, and the

programmed replacement of single glazed windows, have all contributed to energy savings.

The Sports Division

In 2015 one of the Sports Division's main objectives was to reduce electricity consumption by 2.5%. They set about achieving this target by introducing cross-sports centre competitions with the motivation of additional capital funding for equipment replacement awarded to the winners.

The results have been outstanding with an overall reduction of 6.5% achieved, which is equivalent to the electricity used by 35 average Jersey homes.

Site	Electricity reduction
Oakfield	29.1%
Les Quennevais playing fields	15.9%
Fort Regent	9.5%
Springfield	8.5%
Langford	8.2%
Les Quennevais	1.8%

In 2016 the division will implement energy measuring and monitoring at Grainville and FB Playing Fields. The Sports Division target for 2016 has been set again at 2.5%.

Jersey Arts Centre

Jersey Arts Centre was pleased to work with the department of ESC during 2015 which led to a good exchange of information and ideas, and although they have now moved to Economic Development it is hoped this working relationship can continue with the Department of Education during 2016.

An LED lighting replacement programme is now underway with the aim of making the public areas 50% LED units by the end of 2016 and a further improvement in 2017 as the associated savings are re-invested in other environmental projects.

The Arts Centre continues to plant trees on the Island to offset the unavoidable carbon footprint which results from artists travel to the Island.

The arts centre staff are recognized as its greatest asset, especially when it comes to looking at the Centre's environmental considerations. They all work very hard, towards the common goal of making Jersey Arts Centre as environmentally responsible as possible. Actions include separating waste for recycling, turning off screens, computers, lights and other equipment. It is the little changes in habit that can save a huge amount when working together.

Schools and Colleges

Currently, there are 34 Schools working on a Sustainable School Plan. Three schools have achieved the highest green flag accreditation, 12 schools are at silver level and a further 19 schools are at bronze level status.

In 2015 an energy competition was undertaken in partnership with Jersey Electricity plc. The competition was very popular with hundreds of entries. The winning school was St Martin and along with five other finalists from Trinity, St Clement, St Mary, St George, and JCG, the winning class and each of the other individual finalists enjoyed a trip to visit the science museum in London, generously funded by Jersey Electricity plc. The trip enabled a wide range of curriculum links to be made

and good ECO schools relationships to be further developed.

School Food Standards and Fairtrade

The corporate Fairtrade criteria has been included as part of the Healthy Eating in Schools contract, with both the external service provider and in-house provision being required to meet the school food standards. These areas are audited internally as part of the department's internal audit programme.

Fairtrade criteria has been included as part of the Healthy Eating in Schools contracts, whereby the Jersey Potteries has to meet set standards.



The Department kindly organised a site visit to the new St. Martin's school to see the environmental measures that have been installed. Details of these measures are in the JPH case study.

Health and Social Services Department

The H&SS Department has over 2,500 members of staff based over a large number of sites and provides a full range of health and social care. It is a very complex department and in 2015 has focussed its eco active programme on the hospital.

During 2015, the department has undertaken a number of environmental actions:-

- **Energy monitoring:** Recording quarterly energy consumption for the General Hospital, identifying key areas within the hospital for sub metering and using the results to inform all hospital staff, including senior management staff, of energy saving that can be made. To be continued throughout 2016
- **Barts NHS Trust Patient Care Campaign:** Commitment made to take part in Operation TLC project –Turn off–Lights out – Close Doors. To be further developed in 2016.
- **Recycling:** Ensuring that recycling facilities exist within the hospital for batteries, metals, plastic bottles, paper and cardboard.
- **Waste Audit:** Carrying out a waste audit for the hospital and clinical waste study.
- **Travel:** Encouraging staff to reduce single occupancy for driving to work. Facilities management and division leads have given up their parking

spaces for one day a week and encouraging the sharing of fleet vehicles within the hospital and reduce the number of run between Cleaning and Sterile Services and Hospital Supplies.

- **Procurement:** Including environmental considerations in the procurement and commission of goods and services used by the hospital through the ITT procurement strategy. Buying recycled paper as approved by CMB and supporting Fairtrade by purchasing Fairtrade tea, coffee and sugar for use in SoJ meetings.

HSSD hosted a visit to the hospital laundry to demonstrate energy saving measures that have been put in place. The laundry processes 404,000 sheets per year.



Department for Community & Constitutional Affairs (formerly Home Affairs)

During 2015, the Department for Home Affairs merged with elements of the Chief Minister's Office to form the Department for Community & Constitutional Affairs, re-named as such from 01 January 2016. The various Home Affairs divisions that come under the umbrella of CCA will remain unchanged.

Customs & Immigration

Light activated sensors, LED lighting and improved air conditioning controls were fitted at Maritime house as part of the office refurbishment.

The lights in the arrivals car shed at Elizabeth Terminal have been changed to LED's.

States of Jersey Police

Environmental considerations are included as part of the tender process for subcontractors involved with the building of the new police headquarters. The project will meet BREEAM 'very good' as part of the project. This states that the environment is key to the build, from concept & design to occupation & post occupational usage. This also includes vehicle fleet and waste/refuge usage.

Encouraged active participation in eco active events such as the annual cycle challenge and maintained the office recycling programme for office paper, plastic bottles, cans and batteries. Carried out a waste audit and used the information to inform the design of facilities at new police station to allow for separated waste collection.

Continuing to support environmental savings through the monitoring of energy and water consumption,

removal of all additional electrical heating and displaying of energy saving dashboard to advertise the good work done in regard to energy savings in the building. Continuing to support environmental savings.

Fire and Rescue Service

Updating the pollution prevention plan and ensuring alignment with the new health and safety HAZMAT storage requirements.

Promoting alternative travel options for staff travelling to and from work.

Investigating options for moving to a hybrid staff car fleet, reporting back to the Management Team.

States of Jersey Prison Service

During 2015 the Prison Service made a number of environmental improvements in terms of sustainable waste management.

Purchased 2 compactors for re-cycling waste produced at the prison such as paper, cardboard, plastic bottles and cans. These bales will be delivered to re-cycling companies such as Hunt Brothers.

Purchased a Rocket Food Waste Composter. This will be used to recycle all appropriate food and green waste to be used as compost in out horticulture department.

Additional euro bins have been purchased to be placed around the prison to collect all dry recyclable waste for sorting by prisoners.

Additional indoor bins have been purchased for staff and prisoner areas to encourage re-cycling of waste.

Continued to work with the Department of the Environment, providing bird, bat

and hedgehog boxes made by prison clients from recycled timber for distribution to schools and other interested organisations. Available from DoE at Howard Davis Farm in Trinity.

Jersey Field Squadron

The Jersey Field Squadron continues to look for measures of efficiency throughout its building and working practices. In order to reduce unnecessary weathering of key equipment and resources some relocation has happened on site to reduce the impact in future years.

Department of Social Security

The department was the first to join the eco active programme. It is based in Philip le Feuvre house and has been implementing its environmental programme since 2011.

2015 was a year of consolidation in the department, with a new team of Eco volunteers starting to work together.

- Regaining momentum on a number of recycling initiatives
- Promoting the cycle challenge, with SSD teams winning 2nd and 3rd prizes ☺
- Identifying & costing options to improve parking & clothes drying facilities for cyclists
- Removing 4 more bottled drinking water dispensers
- Reducing energy use by ensuring PCs are turned off overnight
- Communicating our work in a number of newsletters



Minister for Infrastructure presents cycle challenge award to Department for Social Security

Department for Infrastructure - formerly Transport and Technical Services

In April 2015 the full department achieved full certification to the eco active states programme. This included the Highways & Engineering and Transport team(s) at South Hill, all areas at La Collette including Cleaning Services, Civil Works, Road Signs and Markings, Site Services, Finance and IT, the STW, Chemical Store and Fleet Management at Bellozanne; Animal By products, Parks and Gardens, Car Parking and DVS.

This was an excellent achievement for such a very diverse department located across several different sites. This achievement was made possible by the hard work and determination of the departmental green team.

The focus, in 2015, was on improving resource efficiencies across the department, especially with regard to energy savings.

All street lighting, on reaching the end of its working life, is now replaced with LED alternatives. It is estimated that the installation of LED lighting will half the maintenance and running costs of street lighting.

Case study – Street Lighting savings

Havre des Pas

Lanterns removed – 17 x 90watt SON
New lanterns – 17 x 54watt LED
Dimming midnight – 6am, Class S4/S3 at 100%
Energy savings = 40% + savings through dimming

Marina Walkway (next to La Route de la Libration)

Columns removed – 10, lanterns removed – 30 x 70watt SON
Columns and lanterns replaced – 6 x 73watt LED Perla
Lighting class S3 at 100%
Dimming midnight - 6am
Energy savings = 79% + savings through dimming

La Grande Route de St.Clement and La Grande Route de la Cote, St.Clement

Lanterns removed – 205 x 70watt SON
New lanterns 205 x 40watt LED
Lighting class S3 at 100%.
Dimming 10pm – 6am.
Energy savings = 40% + savings through dimming

Gloucester Street

Lanterns removed – 8 x 180watt SON
Lanterns replaced - 8 x 140watt Cosmo (metal halide)
Lighting class S2 at 100%
Dimming midnight – 6am
Energy savings = 25% + savings through dimming.

Dicq Road, Kensington Place, Victoria Street

Lanterns removed – 18 x 70 watt
Lanterns replaced – 18 x 40 watt LED
Lighting class S3 at 100%
Dimming midnight – 6am
Energy savings = 40% + savings from dimming

Pier road carpark was refurbished in 2015 and the stairwell lighting replaced with LED's; the flood lights on the roof level at Green St car park were also replaced with LED's following the extension to the upper level.

Engaging with staff to encourage behaviour change continued to be an

important part of the department's eco active focus. Several awareness raising days included:-

- Participation in the mini-me messengers energy awareness campaign. Building specific energy information was provided to staff and colleagues at South Hill and DVS.
- A winter woolly day in conjunction with the department of the Environment to encourage people to put on a jumper before turning on the heating. This was accompanied by a soup kitchen, supported by TTS South Hill, DVS, La Collette and Green Waste, which raised £170.16 and two Christmas Hampers for Age Concern.



Promoting more sustainable and active travel is also a key initiative across the department, with several teams taking part in the Cycle Challenge in June. 10% of the overall Challenge participants were from Dfl and made up 5 teams. 'Chain Reaction' won the top team of the whole Challenge and consisted of the Minister, Chief Officer and members from SMT.

Division Update: All service areas have a nominated environmental champion. Quarterly green team meetings are held with representatives from South Hill, La Collette, Fleet Management, Animal By Products, Parks and Gardens, Car Parking and DVS. The meetings play a vital role in helping to deliver the eco active programme, enabling champions to share experiences and direct information up to senior management as required.

The following examples have been included to highlight some of the achievements of individual service areas in 2015:-

Cleaning Services: Monitoring consumption of cleaning products used to reduce volume used. Use of eco-friendly water based chemicals and research for the most environmentally friendly products where budgets allow.

Cleaning Services: Purchase of a new road sweeper 'Dulevo'. The sweeper has a gold air filter, requires very little water and has low emissions.

DVS: The installation of a new electric heating system in the test station DVS resulted in a reduction in the gas bill for the first 2 quarters of 2015 by £2,600.

EFW: Having completed the Acorn/ BS 8555 training programme the EFW is currently being audited for certification to the ACORN BS 8555 environmental management standard.

Waste Water Treatment:- The drains at La Collette and Bellozanne were colour coded to differentiate between surface and foul water drains and raise

staff awareness to pollution prevention.

South Hill:- The department reviewed the progress with implementation of the sustainable transport policy and set new actions for 2016⁵. The funds raised from the sale of special vehicle licence plates and income from planning obligation agreements has meant that the department has been able to invest in more sustainable transport infrastructure e.g. bus shelters. The annual schools Green Travel Fortnight challenge continued to promote walking and cycling in schools. In 2015 there was a particular emphasis on safety with 45 cycle helmets being given to the schools in a joint promotion with Headway and States Police.



saving the plant up to £1,000 a day. The building of a new covered sludge store means that there is now a dry product to apply to land. This prevents the product from getting wet meaning no run off is going to the foul sewage network.

Sewage Treatment Works:- The main environmental improvements for STW for 2015 include the introduction of new sludge treatment facilities; there is no longer the requirement to import lime, which is a hazardous chemical, to treat the bio-solids. This enables sludge to be recycled to land as a valuable fertiliser. This sludge treatment process produces biogas which is used to run a generator

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<http://www.gov.je/Government/Pages/StatesReports.aspx?ReportID=1798>

Non-Ministerial Departments

All services have successfully adopted the corporate energy and resource commitments and are working within sustainable procurement principles. As these are largely office based services, they recognise that these are the main issues where they have any environmental impact and are working with the eco active states project team to identify energy saving opportunities wherever possible.

Morier House – Law Officers, States Greffe, Viscounts

Ensuring that all pcs/lights and non-essential electrical equipment is switched off at the end of the working day and that the use of additional electrical heating is carefully monitored

Recycling programme with new cleaning staff to ensure that paper, metals including packaging and cans/ batteries, glass and electrical items are recycled by all departments,

Reduction of paper use within the Law Officers by introduction of paper light trial which significantly reduces printing and paper files in storage,

Viscount's department introduction of a new management information service Continuing to promote more active travel choices for people travelling to and from work,

Buying recycled paper as approved by CMB and supporting the purchase of Fairtrade tea, coffee and sugar within all departments.

States Building – Judicial Greffe, Bailiff's Chambers

Judicial Greffe reported 4% reduction in average monthly electricity use.

Magistrates Court

The Court has continued to implement a recycling project. Staff continually monitor electricity usage and ensure that lights are switched off after leaving rooms and computers are turned off at night.

Probation and After Care

All light fittings, where possible, have been replaced with LED lighting.

Working with Community Service, staff donated unwanted costume jewellery which was then put into recycled jam jars to be delivered to Jersey Hospice Shop for resale to craft workers.

Purchase of 5 Surface-Pro tablets. Staff can now access SoJ network and DAISy Case Management System whilst in Court or meetings, and this has made a large saving on the cost of printing reports/agendas.

All radiators were fitted with new thermostatic controls resulting in a significant reduction in energy use which was seen on the monthly dashboard.

Community Service Scheme worked over 21,000 hours, predominantly on environmental projects.

Official Analyst's Laboratory

The OAL attained eco active status at the end of 2015. Becoming eco active certified recognised the environmental good practice that is already in place. The condition of the premises means that there are limited opportunities for improvement, so the focus is on behaviour, ensuring that rooms that are finished with are not lit, not heated and closed up once done with.

8. Eco active States 2016

As part of the continual environmental improvements required by eco active States, departments are required to give an annual update of the progress made with their action plans and submit an environmental update of their targets for the year ahead. Progress will be reported back in December 2016.

The following actions will be implemented in 2016:-

1. Revise eco active States documentation to bring in line with eco active Business.
2. Continued promotion of environmental awareness in the five priority areas of procurement, water, transport, energy and waste.

The next EAS annual report will be produced in January 2017. If you have any comments please send them to:

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