

Going for green growth: a green jobs strategy for Scotland

exploiting opportunities • improving productivity • growing the economy

Implementation plan - March 2006

When we published our green jobs strategy in June 2005 we also published a more detailed implementation plan on our green jobs strategy website, and made a commitment to track and report progress against that plan. This document is our third update since then and includes details of progress made in the last three months. We will continue to publish updates on our website, www.scotland.gov.uk/greenjobsstrategy.

If you have any queries about this plan, please contact us at greenjobsstrategy@scotland.gov.uk.

Information and awareness

Commitment	Target date	By whom	Progress/commentary
Review the way we support resource efficiency initiatives to ensure there are no wasteful overlaps or gaps in provision, and that as much as possible can be accessed through a single entry point	Spring/ summer 2006	Scottish Executive	<ul style="list-style-type: none"> All key organisations offering business resource efficiency support interviewed as part of mapping exercise Steering group (senior representatives from the Scottish Executive, the Enterprise Networks, CBI, Scottish Chambers of Commerce and FSB) to meet in spring 2006
Scottish Enterprise will build on the experience of its Lean Management Programme to engage with finance managers of participating businesses, encouraging them to become champions of lean management within their companies	spring 2006	Scottish Enterprise (SEn)	<ul style="list-style-type: none"> Three years' funding secured from the European Regional Development Fund Eleven LECs have introduced lean financial management into their lean management, with one remaining LEC to introduce spring 2006
Scottish Enterprise will build on good practice and review and, if appropriate, extend the on-line Resource Efficiency Environment Forum (REEF)	ongoing	SEn	<ul style="list-style-type: none"> Being reviewed by SEn to ensure good practice is built into network product Task team has been set up for REEF
Scottish Enterprise will roll out its new business efficiency module for all Business Gateway business advisers to improve their ability to signpost companies to specialist support		SEn	<ul style="list-style-type: none"> Module has been set as a priority within business advisers' programme of continuing professional development Update of module well underway
Take every opportunity to showcase innovative products and processes through websites, promotional material and conferences: <ul style="list-style-type: none"> International conference on marine energy Resources conference for SMEs with guidance from the Federation of Small Businesses (FSB), Scottish Chambers of Commerce (SCC) and the Confederation of British Industry (CBI) Biomass campaign to raise public awareness and acceptance of biomass as a renewable fuel 	ongoing 29 Aug -2 Sept 2005 <i>complete</i> Sept 2006 2007	SEn, Scottish Executive, Glasgow University, Scottish Renewables Forum Enterprise Networks, SEPA, Scottish Industrial Symbiosis Programme (SISP), FSB, SCC and CBI Scottish Executive, DTI	<ul style="list-style-type: none"> Major event as part of the UK Presidency of the EU - the Deputy First Minister opened the conference Agreed on the basis of feedback from business to engage business at a local level, rather than through a national conference. This will be considered as an integral part of the developing Non Municipal Waste Framework Will develop if necessary in light of assessment of information campaign, <i>Renewable Energy - It's Only Natural</i>

Consider the scope with academics for longer-term commercial opportunities within waste and resource management - including proposals for new avenues of academic research such as polymer separation devices	early 2006	Scottish Executive, SEPA, SEn	<ul style="list-style-type: none"> Report now completed on a study into academic research capacity that could support the growth of environmental industries in Scotland SEPA is developing a forum for academics to generate new ideas in waste and resource management
Fund and work with Scottish Enterprise on waste electrical and electronic equipment (WEEE) recycling capability assessment for Scotland to ensure we have the necessary information about the size and source of the WEEE waste stream, current waste management practice and opportunities for growth, and knowledge of current capabilities within Scotland	ongoing	Scottish Executive, SEn	<ul style="list-style-type: none"> Assessment available on the SEn website. A seminar with stakeholders, Scottish Executive, SEn and SEPA took place on 1 November, where the assessment results were discussed: further meeting took place on 23 February 2006
Work with DTI to ensure implementation of the WEEE Directive at least cost to Scottish manufacturers, while providing wide market opportunities for Scottish recycling firms	2006	Scottish Executive, DTI	<ul style="list-style-type: none"> The WEEE Directive will be implemented in stages during 2006
Forestry Commission Scotland will recruit a further two Woodfuel Information Officers to cover the rest of Scotland. Their role is to bring suppliers and customers together in local clusters and to develop a sustainable market for woodfuel	<i>complete</i>	Forestry Commission Scotland	<ul style="list-style-type: none"> Two more wood fuel information officers for the East and West Scotland are now in post
Support the European Marine Energy Centre (EMEC) in promoting its activities, both here and abroad	ongoing	Highlands & Islands Enterprise (HIE), SEn, EMEC	<ul style="list-style-type: none"> EMEC chair's duties include taking a leading role in promotional activities HIE is engaging with other partners to promote the facility internationally
Scottish Enterprise will commission a report to identify supply chain opportunities in the marine energy industry	<i>complete</i>	SEn	<ul style="list-style-type: none"> Marine Supply Chain Report now completed and available on Scottish Enterprise website.
HIE will undertake a number of research studies on opportunities in renewables (Commitment added September 2005)	<i>complete</i> spring 2006 2006	HIE	<p>Research studies will include:</p> <ul style="list-style-type: none"> review of the local renewable energy supply chain (completed and results being disseminated) review to identify opportunities for the Highlands and Islands in the worldwide marine energy market; seminar held 14 December 2005 to inform action plan review of Highlands and Islands renewable energy provision in schools (follow-up action planned)

			<ul style="list-style-type: none"> • support to developing hydrogen fuel cells across the HIE area; LECs identifying how to take forward appraisal and support
<p>NEW COMMITMENT HIE, working with British Standards Institute (BSI) and Sustainable Development Research Council (SDRC) will undertake a support and awareness raising exercise with business advisors</p>	Spring 2006	HIE	<p>Developing a training module for business advisors which will raise knowledge and understanding of environmental issues. Three sessions already held.</p>

Delivery of specialist advice and support

Commitment	Target date	By whom	Progress/commentary
Set up a new Scottish Manufacturing Advisory Service (SMAS), aimed at improving productivity, innovation and competitiveness of companies who manufacture in Scotland	mid-2006	SEn, Scottish Executive	<ul style="list-style-type: none"> • SMAS formally launched 25/11/2005 • SMAS Director appointed February 2006 • Six practitioners now in post and active: next round of practitioner recruitment expected to begin in May 2006
Provide £4.7 million additional funding over three years from Landfill Tax receipts to Envirowise for broader resource efficiency support for businesses	<i>complete</i>	Scottish Executive	<ul style="list-style-type: none"> • £1.5m/£1.9m/£2.3m allocated for 2005-06 to 2007/08 • Contract for 2006/07 has recently been re-tendered and was awarded in December 2005 to Momenta in conjunction with DTI
Through VisitScotland, increase the membership of the Green Tourism Business Scheme by a third each year for the next three years	2007/08	VisitScotland	<ul style="list-style-type: none"> • VisitScotland met its 2005 target of having 536 businesses accredited by the scheme - an increase of a third on the 402 accredited properties in 2004
Extend the work of the European Marine Energy Centre to cover tidal devices	from 2006	HIE, Scottish Executive, SEn, EMEC	<ul style="list-style-type: none"> • Funding package in place for a £6m expansion of facilities to provide a grid-connected test site for tidal stream devices - construction began July 2005
Continue working closely with industry stakeholders to establish the European Marine Energy Centre as the internationally recognised centre for marine energy technical, operating and safety standards	2006	HIE, SEn, Scottish Executive, EMEC, DTI, Carbon Trust,	<ul style="list-style-type: none"> • UKAS accreditation for Centre confirmed December 2005
Carry out a Strategic Environmental Assessment of the Scottish coastline to assist developers in identifying the best sites for wave and tidal devices	publish results 2006	Scottish Executive	<ul style="list-style-type: none"> • Work on SEA underway
Scottish Enterprise's energy cluster team to investigate and disseminate details of market opportunities presented by carbon capture and storage	<i>complete</i>	SEn, DTI	<ul style="list-style-type: none"> • Carbon Capture Market Opportunities Report published September 2005, and is available on SEn's website • Two dissemination seminars were held: 4 October 2005 in Aberdeen and 19 October 2005 in Glasgow
NEW COMMITMENT - HIE will work with the Sustainable Development Research Centre (SDRC) to improve resource efficiency and sustainability in SMEs	ongoing	HIE	<ul style="list-style-type: none"> • Almost thirty businesses have taken up this service • Pilot now complete and performance being reviewed

Access to finance to exploit opportunities

Commitment	Target date	By whom	Progress/commentary
Ensure that all companies awarded Regional Selective Assistance (RSA) grants over £1 million engage constructively with the Scottish Executive or its agents to discuss the environmental, waste and resource issues connected with their grant-aided projects (this extends the existing arrangements where companies awarded RSA grants of £2 million or more are required to examine their use of resources)	<i>complete</i>	Scottish Executive	<ul style="list-style-type: none"> Detailed procedures have been finalised and the website's sustainable development page has been updated.
Extend the offer of free energy efficiency audits to all RSA applicants	<i>complete</i>	Scottish Executive	<ul style="list-style-type: none"> Detailed procedures have been finalised and the website has been updated
Consider the need for additional funding mechanisms for energy efficiency measures within the proposed energy efficiency strategy for Scotland	2006	Scottish Executive	<ul style="list-style-type: none"> Energy efficiency strategy being developed - currently planned to be published later in 2006
Highlight 'green' projects that have been successful under our grant schemes in promotional material and on our websites	ongoing	Scottish Executive	<ul style="list-style-type: none"> Publication of all case studies through promotional literature and the Innovation Grants Unit website is intended by the end of this financial year The RSA website now includes a sustainable development page; and the case studies section now has a green projects section with details of four companies that have received RSA
Work with DTI on how their £50 million marine energy fund can best be used to provide capital and revenue support to bring wave and tidal technologies to commercial viability	by 2008	Scottish Executive, DTI	<ul style="list-style-type: none"> Have listened to sector's views on ability of DTI fund to deliver capacity and investment Aim to use Renewables Obligation Scotland (ROS) to deliver additional support to marine technologies
Use the green jobs fund to help implement recommendations emerging from the Forum for Renewable Energy Development in Scotland (FREDS) on support for technologies such as marine, biomass and hydrogen: <ul style="list-style-type: none"> Introduce a Biomass Capital Grant Scheme in Scotland for small-scale electricity and Combined Heat and Power (CHP) schemes 	2006	Scottish Executive	<ul style="list-style-type: none"> Ministers considering options for using green jobs fund to support renewable energy Consulting on design and implementation of a support scheme

<ul style="list-style-type: none"> Consider recommendations in the forthcoming hydrogen technologies report 			<ul style="list-style-type: none"> Report presented to FREDS subgroup January 2006 and being considered by the Executive.
The Enterprise Networks will promote and facilitate more demonstrator projects in areas of high potential in renewable energy	ongoing	SEn and HIE	Range of projects underway, including: <ul style="list-style-type: none"> Promoting Unst Renewable Energy (PURE): Highlands & Islands Community Energy Company (HI-CEC) funding will allow the PURE Energy Centre to develop its business of selling its containerised renewable hydrogen production system Fuel cell CHP installed in a domestic dwelling house at Eyemouth, Berwickshire in partnership with Berwickshire Housing Association, Baxi, ScottishPower, siGEN, Carbon Trust and Scottish Enterprise
Undertake a fundamental review of the Renewables Obligation (Scotland) to ensure that it remains fit for purpose	implement in 2006	Scottish Executive	<ul style="list-style-type: none"> Draft Order implementing changes laid
Review the operation of the Scottish Community and Householder Renewables Initiative (SCHRI) to ensure that it remains effective	April 2006	Scottish Executive	<ul style="list-style-type: none"> Considering possible changes to the scheme with delivery partners

Government's role in creating a market

Commitment	Target date	By whom	Progress/commentary
Ensure that Scottish Executive agencies and public bodies adopt challenging environmental targets, report regularly on progress and monitor performance to ensure that targets are achieved	<i>complete</i> 31 March 2006 June 2006	Scottish Executive	<ul style="list-style-type: none"> Agencies and public bodies have now completed a gap analysis of their existing environmental management policies and procedures They will finalise and implement their policies, procedures and environmental targets by 31 March 2006 Scottish Executive to assess policies to ensure they comply with the requirements of this initiative
Review National Planning Policy Guideline (NPPG) 6: Renewable Energy Developments	2006	Scottish Executive	<ul style="list-style-type: none"> Environmental Advisory Forum on Renewable Energy established to assist with review. Draft proposals put to Forum Feb 2006
Review NPPG 10 on planning and waste management to provide advice to local authorities on the key considerations they need to take account of when considering planning applications for waste infrastructure	2006	Scottish Executive	<ul style="list-style-type: none"> First meeting of stakeholder group was held on 7 October 2005. Draft Scottish Planning Policy (SPP 10) being prepared for public consultation.
Support the work of the Waste & Resources Action Programme (WRAP) to improve the collection of recyclate from SMEs, including <ul style="list-style-type: none"> surveys of problems confronting SMEs when they want to recycle; and action to address identified problems 	April 2006	Scottish Executive, WRAP	<ul style="list-style-type: none"> Project manager appointed by WRAP - trials to start in April 2006
Consult key parties on targets and goals for public bodies to stipulate recyclate in contract specifications	2006	Scottish Executive	<ul style="list-style-type: none"> Responses to consultation are currently being analysed
Support Scottish Waste Awareness Group to provide comprehensive information on recycling facilities available to local businesses	<i>complete</i>	Scottish Executive	<ul style="list-style-type: none"> The Recycling Directory is now on-line www.wasteawarebusiness.com/ and will continue to be developed over the coming months.
Feature green/sustainable tourism as a strong theme in our refreshed tourism strategy	<i>complete</i>	Scottish Executive	<ul style="list-style-type: none"> Published on 7 March 2006
Scottish Executive will introduce a Scottish Action Plan for sustainable procurement across the public sector	ongoing end 2006	Scottish Executive	<ul style="list-style-type: none"> Maintaining website giving advice to the public sector on sustainable procurement Working with, and contributing to, UK Sustainable Procurement Task Force and learning from its findings Commitment to producing a Scottish Sustainable Procurement Action Plan

Skills

Commitment	Target date	By whom	Progress/commentary
Consider the recommendations of the FREDS Skills Sub-group	<i>complete</i>	Scottish Executive	<ul style="list-style-type: none"> Recommendations were reported to FREDS in October and have now been incorporated into the FREDS action plan
<p>Scottish Further and Higher Education Funding Council (SFC) will encourage Higher and Further Education institutions to make a meaningful contribution to the UN Decade of Education for Sustainable Development</p> <p>NEW COMMITMENT Make available sustainable development guidance for colleges and universities</p> <p>NEW COMMITMENT Create UN Decade of Education for Sustainable Development action plan for Scotland</p>	<p><i>complete</i></p> <p>end March 2006</p>	<p>Scottish Executive, SFC, HEIs, FEIs</p> <p>SFC</p> <p>Scottish Executive</p>	<ul style="list-style-type: none"> SFC is taking forward work on establishing a baseline of practice for SD education across FE and HE curricula, with the eventual aim of encouraging the wider incorporation of sustainability literacy The Environmental Association of Universities and Colleges (EAUC) -Scotland branch has been awarded a Scottish Executive Sustainable Action Grant to run a Campus Sustainability Programme (CaSpr), initially until mid 2008 SFC has published a summary of sustainable development guidance available to colleges and universities, including examples of best practice Draft action plan is at an advanced stage
Continue working with Energy and Utility Skills on their functional and occupational mapping of the waste and renewable energy sectors, and on their labour market investigation of the waste management sector	<i>complete</i>	Scottish Executive, Energy and Utility Skills (EU Skills)	<ul style="list-style-type: none"> EU Skills' functional and occupational mapping of the waste management sector now completed. This will be used to develop vocational qualification study and national occupational standards Forward Scotland reports on skills for renewable energy and the waste management sector in Scotland were published in May 2005
Continue to work closely with appropriate skills organisations and Futureskills Scotland to ensure that we have useful, comparable and robust information about the supply and demand of skills in the relevant sectors	<i>ongoing</i>	Scottish Executive, Futureskills Scotland (FSS), Sector Skills Councils (SSCs)	<ul style="list-style-type: none"> FSS worked with SSCs to provide a consistent set of Scottish sector profiles, in line with identified stakeholder needs. These were published in October 2005, and are available at the FSS website

<p>Careers Scotland will highlight emerging opportunities within the labour market when supporting individuals in planning their careers</p>	<p>ongoing</p>	<p>Careers Scotland (CS)</p>	<ul style="list-style-type: none"> • Forward Scotland is producing signposting materials for Business Gateway, CS and Jobcentre Plus advisers, with seminars to be held on 21 April for Scottish Enterprise area and 26 April for Highlands & Islands Enterprise area • CS produced a labour market update on green/environmental sectors/job opportunities, which has been cascaded to all staff • CS helped Forward Scotland deliver a conference on the opportunities available, which took place on 24 February in Perth
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