


NDP
National Development Plan 2007 - 2013

epa
Environmental Protection Agency
Department of the Environment

Business to Business (B2B) Green Mentor Programme in the Limerick Clare Kerry Region

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Outline


- Background
- Structure of the Green Mentor Programme
- The Benefits



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Limerick Clare Kerry Regional Waste Management Plan

- Limerick, Clare, Kerry County Councils, Limerick City Council
- Original Waste Management Plan 2001
- Replacement Waste Management Plan 2006-2011
- Regional Waste Management Office co-ordinates the Plan
- Promotion of the Waste Hierarchy




WASTE MANAGEMENT HIERARCHY

Most Favoured Option

Prevention
Minimisation
Re-use
Recycling
Energy recovery
Disposal


Least Favoured Option




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Limerick Clare Kerry B2B Green Mentor Programme

- Companies can learn best from each other:
 - Focus on waste, energy, water
- The Regional Waste Management Office could be facilitator
- Successful proposal for funding - under the Environmental Protection Agency's Cleaner Greener Production Programme (CGPP)
- Consultant – Almir Business Ltd. – taken on for pilot scheme



Cleaner Greener Production Programme



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Selecting Green Mentors

- Using established company contacts
 - Previous company visits
 - Previous case study presentations
- Targets:
 - 8 Green Mentors
 - 8 Green Mentor Events / follow up
 - 64 SMEs to benefit



Packaging waste prevention:
Bulk deliveries at O'Connors Bakery



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Events on Green Mentor Premises


- Focus on Waste Prevention
- Talk by representative of Regional Office
- Talk by host Green Mentor
- Plant Tour
- 2.5 to 3 hours duration



Wyeth Nutritionals
Green Mentor Event




Green Mentor Events




■ Klinge Pharma	9 Attendees
■ Avocent International	13
■ Wyeth Nutritionals	7
■ Roche Ireland	11
■ Vistakon Ireland	15
■ ESB Customer Supply	16
■ IT Tralee / Klinge	10 + 60 from ITT
■ O'Connors Bakery	6
■ Woodlands House Hotel	12




Liaison / Follow-up by Regional Waste Management Office




- Contact / visits to participating SMEs
- Facilitating further contact with Green Mentors
- Helping companies to establish baseline data
- Encouraging and Measuring progress
 - Key Performance Indicators




Green Mentor Programme General Key Performance Indicators (KPIs)




- No. of Green Mentors
 - Pilot Target 8, Achieved: 8 Green Mentors, 9 Events
- No. of participating companies that would benefit:
 - Pilot Target 64, Achieved: 60
- Rate of satisfaction - Positive feedback
- Resultant prevention and reduction
 - Individual company achievements
- The extent of Publicity




Key Performance Indicators (KPIs) KPIs for Individual SMEs



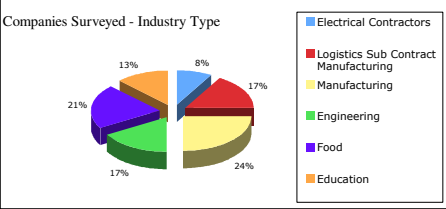
<p><u>Operation Mgmt Indicators:</u></p> <ul style="list-style-type: none"> ■ Materials consumption ■ Energy consumption ■ Waste generation ■ Wastewater generation ■ Air Emissions 	<p><u>Performance Mgmt Indicators:</u></p> <ul style="list-style-type: none"> ■ Number of waste prevention initiatives ■ Implementation of EMS ■ Training Programmes ■ % Cost savings ■ Operating Efficiency (% of Time) ■ % Yield
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Company Performance Diverse Sectors




Companies Surveyed - Industry Type



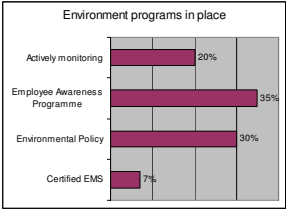
■ Electrical Contractors	8%
■ Logistics Sub Contract	17%
■ Manufacturing	24%
■ Engineering	17%
■ Food	7%
■ Education	8%
■ Manufacturing (Other)	21%




Participant Company Progress By end of pilot Green Mentor Programme



Environment programs in place





Actively monitoring	20%
Employee Awareness Programme	35%
Environmental Policy	30%
Certified EMS	7%



**Green Mentor Programme
Company Performance**

**Engineering company,
Ennis:**


- Installation of Power Factor Controller (PFC)
- Resultant 5% cost savings in electricity usage

Company Performance

Limerick Packaging Company:


- Reduced waste trim on corrugated board: from 40mm to 25mm - Savings of €2,000 per month
- Negotiated with pallet supplier to take back scrap pallets for recycling into new pallets
- Improved barrel pump system to extract all PVA adhesive – savings of €110 per month



Company Performance

Limerick Precision Engineering Company




- Certification to ISO 14001
- Waste Minimisation Programme:
 - Skip waste pick-ups reduced by 50%
 - 40% waste diverted from landfill
 - Annual savings of >€5000



Company Performance



Promed Medical Distribution, Killorglin

- Waste minimisation programme, e.g. reuse of incoming packaging - Annual waste disposal costs reduced by 50%
- Introduction of reusable boxes for distribution of product


Publicity

- Press Releases
- Regional Newsletter & Website
- Annual Recognition Award
- Other Publicity Events / Literature





**Green Mentor Programme:
Benefits to Individual Companies**

- Direct learning
- Employee motivation
- Cost savings
- Benefits in quality, safety....
- Networking



Green Mentor Event at Avocent International



Benefits to Green Mentors

- Public recognition of good practice
- Employee motivation
- Supply chain support
- Fulfilment of objectives under Corporate/Social Responsibility
- Enhanced networking opportunities



Roche Ireland
Green Mentor Event



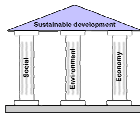
Green Mentor Programme: Benefits in General

- Efficient use of resources, financial and environmental
- Improvements to ambient environment
- Enhanced networking for business opportunities
- Repeatability in other regions or specific sectors
 - Local authorities
 - National agencies
 - Business Associations



B2B Green Mentor Contribution to Sustainable Development

- Environment:
 - Efficiency in Resource usage: waste, energy, water
 - Reduction in discharges, improved abatement
- Economy:
 - Helping companies to remain competitive
 - Facilitating networking to identify business opportunities
- Social:
 - Helping to ensure employment
 - Contributing to good working conditions within each participant company and through supply chain



Limerick Clare Kerry B2B Green Mentor Programme

Thank You!

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