



List of Key issues/Deliverables & Milestones – REF Project

LIFE PROJECT NAME - REF Project

LIFE Project Number LIFE03 ENV/UK/000615

Agreement Date - 30th October 2004

Project Data

Project location	United Kingdom
Project start date:	06 Oct 2003
Project end date:	06 Oct 2005
Total Project duration (in months)	24 Months
Total budget	€4,876,407.00
EC contribution:	€1,004,062.00

Beneficiary Data

Beneficiary	Mixlance (Technical Services) Ltd
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Task	Deliverables	Milestones	Partner/ role	By Date
1	Energy reduction		Lead: Kendrick (P3)	
		Develop burner system design & specifications to meet control & noise targets	Nu-way (P2)	6-Apr-05
		Supply & integrate electrical components & produce specialist motors with inverters	W T Parker (P4)	6-Apr-05
		Develop performance data reports against specifications	Kendrick (P3)	6-Apr-05
		Ensure all elements are capable of operating to specification	Kendrick (P3)	6-Apr-05
	Ensure moisture analysing system will be operational	Mixlance (P1)	6-Apr-05	
2	Recycling & Mixes		Lead: Mixlance (P1)	
		Develop & deliver full analysis report on end product mix requirements	RMC (P8)	6-Aug-05
		Develop set of specifications for increased mix parameters	Mixlance (P1)	6-Oct-04
		Monitor and advise consortium partners on environmental impact issues	Bob Hudson (P9)	
	Disseminate detailed outcomes of recycled materials and mix analysis to consortium members	Mixlance (P1)	6-Apr-05	
3	IT Development		Lead: B B Systems	
		Develop set of specifications to develop protocols as an internal document	B B Systems	6-Jul-04
		Develop specification for the system control programme	B B Systems	1-Jul-05
		Ensure protocol specifications will be on date	B B Systems	6-Jul-04
	Ensure system control programme will be completed on date	B B Systems	6-Apr-05	
4	Measurement & testing		Lead: Mixlance (P1)	
		Report on set of measurements and tests against which to judge system performance	RMC (P8)	6-Oct-05
		Report on set of recipes for using recycled materials within coated asphalt products	Mixlance (P1)	6-Oct-05
		Develop reports confirming emission levels at below 10mg/cm	Bob Hudson (P9)	6-Oct-05
		Disseminate test results sent to consortium members on date	Mixlance (P1)	6-May-05
		Ensure emission target level will be reached on date	Bob Hudson (P9)	6-May-05
	Ensure recycling target level will be reached on date	Mixlance (P1)	6-May-05	
5	Filtration		Lead: Mixlance (P1)	
		Develop specification for building and operating filtration system to achieve emission standards	Pulse Jet (P7)	6-Oct-05
		Advise on design incorporation	Kendrick (P3)	6-Apr-05
		Ensure external report detailing emission levels and environmental improvements achieved	Bob Hudson (P9)	6-Oct-05
		Ensure working model will be available on date	Mixlance (P1)	6-Apr-05
	Ensure filtration system will be working with the burner controls	Nu-way (P2)	6-Apr-05	

Task	Deliverables	Milestones	Partner/ role	By Date	
6	Modular Plant		Lead: Mixlance (P1)		
		Develop set of specifications for the build, installation and operation of a modular plant	Kendrick (P3)	6-Sep-04	
		Oversee the plug and go technology and snap together electrical connections	W T Parker (P4)		
		Develop operational Manual for each module	Mixlance (P1)	6-Sep-04	
			Ensure plant foundation will be available on date	Mixlance (P1)	6-Jul-04
			Ensure plant modules will be assembled on date	Mixlance (P1)	6-Aug-04
			Ensure demonstration plant will be operational on date	Mixlance (P1)	6-Sep-04
7	Demonstration		Lead: Mixlance (P1)		
			Instigate a full training programme and develop an operation manual	Mixlance (P1)	6-Oct-05
		Ensure test reports will be available on emission and noise reduction	Mixlance (P1)	6-Oct-05	
		Ensure system training manual will be available	Mixlance (P1)	6-Oct-05	
		Report detailing reduced power and fuel consumption	Mixlance (P1)	6-Oct-05	
			Ensure plant components will interact successfully on date	Mixlance (P1)	6-Apr-05
	Ensure product batches will be available on date	Mixlance (P1)	6-Apr-05		
8	Task Management & Reporting to EC		Lead: Mixlance (P1)		
		Full specification project plan to be produced	G & H Associates	6-Dec-03	
		Develop monthly project budget progress reports	G & H Associates	6-Jan-04	
		Report on set of indicators to be used to judge financial performance of the system	RDJ Consultants	6-Apr-05	
		Develop & deliver Annual Project Report to Commission	RDJ Consultants	6-Oct-04	
			Develop project plan available on date	G & H Associates	6-Dec-03
			Financial reporting system available on date	G & H Associates	6-Dec-03
	Develop & deliver Final project report to the Commission	RDJ Consultants	6-Oct-05		
9	Dissemination & Marketing		Lead: Mixlance (P1)		
		Web site constructed and operational	RDJ Consultants	6-Apr-04	
		CD/Video presentation of the plant and project	Marketing Agency	6-Dec-04	
		Marketing and dissemination strategy available as a report	Marketing Agency	6-Feb-05	
			All dissemination material available on date	Marketing Agency	6-Apr-04
			System recognised as BAT	Mixlance (P1)	6-Oct-05
	Exhibitor at Trade Show	Mixlance (P1)	6-Jul-05		