

## Workshop on CDM and Electricity Project Development

Managua, Nicaragua – September 23-24, 2004

### Day 1: CDM introduction and Baseline Issues

Module	Description	Presenter	Time
Registration			8:00-9:00
Welcome	<ul style="list-style-type: none"> <li>▪ Focus of the workshop</li> </ul>	Arcadio Choza, Director Biodiversity (MARENA) Roger Raufer, UN DESA Vera Kluender, e7-RWE Jan Horst Keppler, e7-EDF	9:00-9:45
0. Introduction to Climate Change		Freddy Picado, MARENA	
1. The carbon market	<ul style="list-style-type: none"> <li>▪ Environmental market: Historical overview</li> <li>▪ Current carbon market dynamics</li> <li>▪ Market outlook, project types</li> </ul>	Roger Raufer, UN DESA	10:15-11:00
2. CDM Overview	<ul style="list-style-type: none"> <li>▪ CDM Review: Origins</li> <li>▪ Type of Projects</li> <li>▪ CDM Electricity Projects</li> </ul>	Roger Raufer, UN DESA	9:45-10:15
	<ul style="list-style-type: none"> <li>▪ Q&amp;A</li> </ul>		
<b>Coffee/Tea</b>			<b>11:00-11:15</b>
3. EU ETS	<ul style="list-style-type: none"> <li>▪ EU Emissions trading scheme and EU linking directive</li> </ul>	María Antonia Abad Puértolas, e7-ENDESA	11:15-11:30
	<ul style="list-style-type: none"> <li>▪ Q&amp;A</li> </ul>		11:30-11:45
4. Project development issues	<ul style="list-style-type: none"> <li>▪ Guidance through CDM project cycle</li> <li>▪ Additionality</li> <li>▪ Accreditation period</li> <li>▪ Base Line</li> <li>▪ Financial Impact</li> <li>▪ Host country support</li> <li>▪ Use of consultants/brokers</li> </ul>	Alden Kitson, e7-ENEL	11:30- 12:30
	<ul style="list-style-type: none"> <li>▪ Q&amp;A</li> </ul>	Freddy Picado, MARENA	12:30-12:45
<b>Lunch</b>			<b>12:45-14:00</b>
5. Investment issues	<ul style="list-style-type: none"> <li>▪ Investment case study: Callahuanca project</li> </ul>	María Antonia Abad Puértolas, e7-ENDESA	14:00-14:30
6. CDM Experiences & Institutional Framework	<ul style="list-style-type: none"> <li>▪ Host institutional framework</li> <li>▪ CDM projects requirements &amp; processes</li> <li>▪ Current CDM investment &amp; projects portfolio</li> </ul>	Freddy Picado, MARENA	14:30-15:00
7. Sustainable development criteria	<ul style="list-style-type: none"> <li>▪ CDM &amp; sustainable development criteria</li> </ul>	Roger Raufer, UN DESA	15:00-15:30
	<ul style="list-style-type: none"> <li>▪ Host country criteria</li> </ul>	Freddy Picado, MARENA	15:30-16:00
<b>Coffee/Tea</b>			<b>16:00-16:15</b>
7. Sustainable development criteria (cont.)	<ul style="list-style-type: none"> <li>▪ Sustainable development case study</li> </ul>	María Antonia Abad Puértolas, e7-ENDESA	16:15-16:45
	<ul style="list-style-type: none"> <li>▪ Sustainable development &amp; electrification</li> <li>▪ Role of private/public partnerships and national strategies</li> </ul>	Jan Horst Keppler, e7-EDF	16:45-17:15
	<ul style="list-style-type: none"> <li>▪ Sustainable development case study</li> </ul>	Jan Horst Keppler, e7-EDF	17:15-17:45
	<ul style="list-style-type: none"> <li>▪ Q&amp;A</li> </ul>		17:45-18:00
<b>End of Day 1</b>			<b>18:00</b>

**Day 2: Sustainable development and financial Issues**

<b>Module</b>	<b>Description</b>	<b>Presenter</b>	<b>Time</b>
8. Baseline and monitoring methodologies	<ul style="list-style-type: none"> <li>▪ Approved / new monitoring methodologies and their application</li> <li>▪ Methodology Panel review process</li> </ul>	Alden Kitson, e7-ENEL	9:00-9:20
	<ul style="list-style-type: none"> <li>▪ Defining a baseline – "small" vs. "large" projects</li> <li>▪ Boundaries</li> <li>▪ Accounting for leakage</li> <li>• Crediting periods</li> </ul>	Alden Kitson, e7-ENEL	9:20-9:40
	<ul style="list-style-type: none"> <li>▪ Initial and Ongoing Data Requirements</li> <li>▪ Calculating Emissions Reductions</li> <li>▪ Quality Assurance</li> </ul>	Alden Kitson, e7-ENEL	9:40-10:00
	<ul style="list-style-type: none"> <li>▪ Discussion/Q&amp;A</li> </ul>		10:00-10:15
9. Baseline and monitoring exercise	<ul style="list-style-type: none"> <li>▪ Baseline Exercise: Briefing</li> </ul>	Alden Kitson, e7-ENEL	10:15-10:30
	<ul style="list-style-type: none"> <li>▪ Baseline Case study: Guatemala hydropower project</li> <li>▪ Break-out groups</li> </ul>	Alden Kitson, e7-ENEL	10:30-11:00
<b>Coffee/Tea</b>			<b>11:00-11:15</b>
9. Baseline and monitoring exercise (cont.)	<ul style="list-style-type: none"> <li>▪ Summary discussion of break-out groups</li> </ul>	Alden Kitson, e7-ENEL	11:15-11:30
10. Renewables projects	<ul style="list-style-type: none"> <li>▪ Re-powering petroleum-based generation with renewables and new technologies</li> </ul>	Gary Sutherland, e7 Secretariat	11:30-12:00
	<ul style="list-style-type: none"> <li>▪ Renewable energy case study: Galapagos wind power project</li> <li>▪ Discussion</li> </ul>	Luis Vintimilla, e7-AEP	12:00-12:30
<b>Lunch</b>			<b>12:30-14:00</b>
11. Project development exercise	<ul style="list-style-type: none"> <li>▪ Participant case study #1</li> </ul>		14:00-14:15
	<ul style="list-style-type: none"> <li>▪ e7 sounding board / comments</li> <li>▪ Open discussion</li> </ul>		-15:30
<b>Coffee/Tea</b>			<b>15:30-15:45</b>
12. CDM Project Finance Issues	<ul style="list-style-type: none"> <li>▪ Transaction costs</li> <li>▪ Types of intermediaries</li> <li>▪ Critical Issues to evaluate</li> </ul>	Vera Kluender, e7-RWE Freddy Picado, MARENA	15:45-16:15
13. Enabling environment for CDM investment	<ul style="list-style-type: none"> <li>▪ Legal issues</li> <li>▪ Data/access to information</li> <li>▪ Investor needs</li> </ul>	Vera Kluender, e7-RWE Freddy Picado, MARENA	16:15-16:45
14. Supporting Organizations & CDM Financing Sources	<ul style="list-style-type: none"> <li>▪ Sources of CDM assistance / information</li> <li>▪ Sources of CDM investment financing</li> </ul>	Roger Raufer, UN DESA	16:45-17:15
15. Workshop Evaluation	<ul style="list-style-type: none"> <li>▪ Questionnaire</li> <li>▪ Participation certificates</li> </ul>		17:15-18:00
<b>End of Meeting</b>			<b>18:00</b>