



# REDUCING GREENHOUSE GAS EMISSIONS THROUGH IMPROVED ENERGY EFFICIENCY IN THE INDUSTRIAL SECTOR IN MOLDOVA

**Technical University of Moldova, Chisinau, Republic of Moldova**

UNIDO Expert Training in Energy Management Systems

Phase 2: Implementing the Program

21 of March 2012, Day 1

Time	TOPIC	DURATION (Minutes)	EXERCISE (Minutes)	BREAK DURATION
8:00 - 8:30	Registration	30		
8:30 - 8:45	<b>Welcome and Opening Remarks</b>	15		
8:45 - 10:15	<b>01 REPORTING ON PROGRESS</b>		90	
	* Teams report on progress with policy, scope, energy review, SEUs EnPIs, baseline, EPOs			
10:15 - 10:30	<b>BREAK</b>			15
10:30 - 11:00	<b>02 SIGNIFICANT ENERGY USES - CONNECTIONS</b>	30		
	* Emphasize SEU connections to implementation and operation			
11:00 - 11:45	<b>03 OPERATIONAL CONTROL</b>	45		
11:45 - 12:45	<b>LUNCH</b>			60
12:45 - 1:30	* Exercise 03: Develop Operational Criteria		45	
1:30 - 2:00	<b>04 PROCUREMENT</b>	30		
2:00 - 2:30	* Exercise 04: Procurement Considerations		30	
2:30 - 2:45	<b>BREAK</b>			15
2:45 - 3:15	<b>05 DESIGN</b>	30		
3:15 - 3:45	<b>06 COMPETENCY, TRAINING &amp; AWARENESS</b>	30		
3:45 - 4:15	* Exercise 06: Develop Competencies		30	
4:15 - 4:30	<b>Daily Wrap Up</b>	15		

<b>SUBTOTALS:</b>	<b>3.25</b>	<b>3.25</b>	<b>1.5</b>
		<b>8.0</b>	<b>TOTAL</b>

# UNIDO Expert Training in Energy Management Systems

## Phase 2: Implementing the Program

22 of March 2012, Day 2

<b>Time</b>	<b>TOPIC</b>	<b>DURATION (Minutes)</b>	<b>EXERCISE (Minutes)</b>	<b>BREAK DURATION</b>
8:00 - 8:30	Continental Breakfast	30		
8:30 - 9:00	<b>07 OBJECTIVES, TARGETS &amp; ACTION PLAN REVIEW</b>	30		
	* review objectives & targets after discussing all the connections; revise action plans			
9:00 - 9:45	* Exercise 07: Review & report out		45	
9:45 - 10:00	<b>BREAK</b>			15
10:00 - 12:00	<b>08 COMMUNICATION</b>	30		
	* Exercise 08A: Brainstorm session (mixed groups)		30	
	* Exercise 08B: Apply to company		20	
	* Exercise 08C: Report out communications/training		40	
12:00 - 1:00	<b>LUNCH</b>			60
1:00 - 1:20	<b>09 DOCUMENT CONTROL</b>	20		
1:20 - 1:40	<b>10 RECORDS CONTROL</b>	20		
1:40 - 2:10	* Exercise 10: Determine documents/records		30	
2:10 - 2:30	<b>BREAK</b>			20
2:30 - 3:15	<b>11 DEMONSTRATE WEB RESOURCES</b>	45		
3:15 - 3:30	<b>Daily Wrap Up</b>	15		

<b>SUBTOTALS:</b>	<b>3.2</b>	<b>2.8</b>	<b>1.6</b>
		<b>7.5</b>	<b>TOTAL</b>

# UNIDO Expert Training in Energy Management Systems

## Phase 2: Implementing the Program

23 of March 2012, Day 3

Time	TOPIC	DURATION (Minutes)	EXERCISE (Minutes)	BREAK DURATION
8:30 - 9:00	Continental Breakfast	30		
9:00 - 9:45	<b>12 ENERGY PERFORMANCE, EnPI AND BASELINE REVIEW</b>	45		
9:45 - 10:00	* Exercise 12: review EnPI, modifications, system for calculating		60	
10:00 - 10:15	<b>BREAK</b>			15
10:15 - 11:00	* Exercise 12 continued			
11:00 - 11:45	<b>13 MONITORING, MEASUREMENT &amp; ANALYSIS</b>	45		
11:45 - 12:45	<b>LUNCH</b>			60
12:45 - 2:00	* Exercise 13A: Key characteristics & data analysis		45	
	* Exercise 13B: Develop measurement plan		30	
2:00 - 2:15	<b>BREAK</b>			15
2:15 - 2:30	<b>14 KEEP EnMS UP TO DATE</b>	15		
	* update legal, EPOs, action plans, documents, policy; changes in energy review, baseline, documents, mgt. review			
2:30 - 3:00	* Exercise 14: checklist exercise for updating system		30	
3:00 - 3:15	<b>15 MANAGEMENT REVIEW</b>	15		
	* communication process for implementation; resources, reality check			
3:15 - 3:45	<b>BACK AT THE OFFICE / NEXT STEPS</b>	30		
3:45 - 4:00	<b>Daily Wrap Up</b>	15		

<b>SUBTOTALS:</b>	<b>2.8</b>	<b>2.8</b>	<b>1.5</b>
		<b>7.0</b>	<b>TOTAL</b>