



	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

Baseline Analysis Tool: Profiles

REFERENCE PERIOD	profile compiled from to reference period data: from to
PROFILES COMPILED BY	

1. General Information on the Economic Zone
 1. Name of the Eco-Zone
 2. Total Area Covered
 3. Percentage and area of land uses
 4. No of Locators
 5. No and Area of Plots
 6. No of Employees / workers
 7. Overall Value of Products
 8. Neighbouring Barangays
 9. Known problems / interference with Barangays
2. Profile of the local PEZA Structure
 1. Zone Administration Organisational Chart
 2. FISD
 3. Other units involved
 4. Data bases
 5. Registers of Locators
 6. DRM Structures / Emergency Plans
 7. Others
 8. Locally available knowledge
3. Profile of Key Actors and Stakeholders
 1. Associations established in the EZ
 2. Sector committees or adequate structures established in the EZ
 3. MMT
 4. Key Locators
 5. Key Locators having already implemented environmental measures
 6. Key PCOs
 7. Relevant authorities
 8. Other organisations
4. Profile of technical infrastructure in the zone
 1. Water Supply
 2. Waste Water Management
 3. Storm Water Drainage
 4. Power Supply
 5. Solid Waste Management
 6. Hazardous Waste Management
 7. Disaster Risk Management / Emergency Response
 8. Social & Business Infrastructures
 9. Traffic & Transport
 10. Available Maps
5. Profile of the Locators
 1. Electricity Consumption
 2. Water Consumption
 3. Usage of potentially hazardous Substances
 4. Hazardous Waste Generation in the EZ
 5. Hazardous Waste Treatment / Recycling within the EZ
 6. Waste Water Generation
 7. Pre-treatment of industrial Waste Water in the EZ
 8. Re-use of treated Waste Water within the EZ
 9. Air Quality
 10. CSR Activities within the Zone
 11. Remarks


Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

Profile1: EID Profile of the Eco-Zone


1. NAME OF THE ECO-ZONE:				
2. TOTAL AREA COVERED (HECTARES OR ACRES)				
3. PERCENTAGE AND AREA OF LAND USES (EITHER PROVIDED BY GIS, OTHER SOURCES OR ROUGH ASSESSMENT)	<ol style="list-style-type: none"> 1. Locators sites: % / hectares or acres <ul style="list-style-type: none"> • Built-up areas: % / hectares or acres • Roads, parking, storage: % / hectares or acres • Open: % / hectares or acres 2. Public Roads & Parking: % / hectares or acres 3. Public Parks, Green areas: % / hectares or acres 4. Infrastructures (WWTP, MFR etc.): % / hectares or acres 5. Area not used or vacant: % / hectares or acres 6. PEZA: % / hectares or acres 7. Others: % / hectares or acres <p>Used Data and Information (Maps etc.):</p>			
4. No. OF LOCATORS	<ol style="list-style-type: none"> 1. total Number: <ol style="list-style-type: none"> a. PEZA-Locators: b. Non-PEZA Locators: 2. Industries Profile: (Percentage of Sectors) 3. Size Profile (Percentage of SMEs, Large Companies etc.) 4. No of locators having certified EMS 5. No of locators having internal EMS 			
5. NO OF PLOTS / AREA	<ol style="list-style-type: none"> 1. occupied: xxx / yyy hectares or acres 2. vacant: xxx / yyy hectares or acres 			
6. NO. OF EMPLOYEES / WORKERS	<ol style="list-style-type: none"> 1. total number 2. female / male ratio 3. growth / decrease of employment over the last years 4. origin of employees 			
7. OVERALL VALUE OF PRODUCTS	If available also per sector (List of sectors according to IMS)			
8. NEIGHBOURING BARANGAYS	BARANGAY	POPULATION	CONTACT DETAILS	LOCATION RELATED TO THE EZ
9. KNOWN PROBLEMS /				

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

INTERFERENCES WITH THE BARANGAYS	


Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\lottedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

Profile 2: Local PEZA Structure		
1. ZONE ADMINISTRATION ORGANIZATION CHART:		
PEZA UNITS INVOLVED IN EID-CONCERNS (AIR, WATER, ENERGY, WASTE, WASTE WATER, CHEMICALS, DISASTER RISK MANAGEMENT, CSR)		
2. FISD	Relevant tasks & duties	
	Number and qualification of staff assigned	
	Task Matrix / Job descriptions	to be filled according to the templates in the EID Management Manual
	Relevant Training attended	
3. OTHER UNITS INVOLVED IN EID CONCERNS (INCLUDE THE SAME INFORMATION AS FOR FISD)	Air	
	Water & Waste Water	
	Energy	
	Solid Waste	
	Chemicals	
	Hazardous Waste	
	Disaster Risk Management	
	CSR	
EXISTING ADMINISTRATIVE INFRASTRUCTURES / TOOLS AT ZONE LEVEL THAT MIGHT BE RELEVANT FOR EID		
4. DATA BASES (E.G. SMR, COMPLIANCE MONITORING, DATA AVAILABLE IN IMS)		
5. REGISTERS OF LOCATORS		
6. DRM STRUCTURES / EMERGENCY PLANS		
7. OTHERS		

ASSESSMENT AND CONCLUSIONS	
ORGANIZATIONAL ASPECTS	
STRENGTHS	
WEAKNESSES	

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\lottedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

CONCLUSIONS	
-------------	--

8. Locally available knowledge and expertise


Sector \ Expert	Water & Waste Water	Energy	Waste Mgt.	Air	Cleaner Productions	Chemicals Mgt.	Disaster Risk Mgt.	EID in general / IMS	Environmental Mgmt.	MMT / Monitoring	CSR / Community Relations

Use grades from 1 to 5, 1 basic – 5 excellent

Specify expertise if necessary

ASSESSMENT AND CONCLUSIONS	
AVAILABLE KNOWLEDGE	
STRENGTHS	
WEAKNESSES	
CONCLUSIONS	

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

Profile 3: Key Actors and Stakeholders

1. Associations established in the EZ

NAME	PURPOSE / OBJECTIVES	CONTACT DETAILS	RELEVANCE FOR EID	PERCEIVED ATTITUDES / RISKS


2. Sector Committees or adequate structures established in the EZ

COMMITTEE	CONTACT	OBJECTIVE	ACTIVITIES	PERCEIVED ATTITUDES / RISKS

3. MMT established in the EZ

STATUS				
RELEVANT DOCUMENTS				
OTHER INFORMATION				
MEMBERS	CONTACT DETAILS	ROLE / FUNCTION	SPECIFIC RELEVANT INFORMATION	PERCEIVED ATTITUDES / RISKS

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

4. Key Locators


NAME	COMPANY	CONTACT	ACTIVE / OPINION LEADING?	PERCEIVED ATTITUDES / RISKS

5. Key Locators having already implemented environmental measures / management systems / initiatives ¹

LOCATOR	CONTACT	RELEVANT ACTIVITY	RESULTS	ENCOUNTERED PROBLEMS

¹ e.g. Environmental Management System, Energy Management Measures, Cleaner Production Measures, Demand Side Management Water (e.g. Re-use, Rainwater Harvesting),

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\lottedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

6. Key PCOs

NAME	COMPANY	CONTACT	ACTIVE / OPINION LEADING?	PERCEIVED ATTITUDES / RISKS

7. Relevant Authorities


AUTHORITY	ADDRESS	CONTACT PERSON	RELEVANCE FOR EID	PERCEIVED ATTITUDES / RISKS

8. Other Organisations (NGOs, CBOs, Academe etc.)

NAME / ORGANISATION	PURPOSE / OBJECTIVES	CONTACT	RELEVANCE FOR EID	PERCEIVED ATTITUDES / RISKS


ASSESSMENT AND CONCLUSIONS

LIST OF KEY STAKEHOLDERS					
Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

STRENGTHS	
WEAKNESSES	
OPPORTUNITIES	
THREATS	
CONCLUSIONS	

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cia\appdata\roaming\opentext\lottedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

Profile 4: Technical Infrastructure of the EZ

1. Water Supply

1. SUPPLIER / DISTRIBUTOR	
2. TOTAL DEMAND OF THE ECOZONE / SUPPLY TO THE ZONE	
3. TOTAL DEMAND INCLUDING SURROUNDING COMMUNITIES	
4. TOTAL SUPPLY CAPACITY / SOURCE OF WATER	
5. ESTIMATED LOSS RATE	
6. SHORTAGES, SUPPLY GAPS	
7. CADASTRE, PLANS AVAILABLE (PAPER, DIGITIZED)	
8. SUPPLY TARIFFS	


ASSESSMENT AND CONCLUSIONS

STRENGTHS	
WEAKNESSES	
OPPORTUNITIES	
THREATS	
CONCLUSIONS	

2. Waste Water Management

1. SEWAGE SYSTEM (LENGTH, ELEMENTS)	
2. FUNCTIONALITY OF SEWAGE SYSTEM / WEAKNESSES, GAPS ETC.	
3. OWNER / OPERATOR OF SEWAGE SYSTEM AND STP	
4. SEWAGE TREATMENT PLANT – TYPE OF TREATMENT	
5. CAPACITY OF STP	

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	


6. RE-USE OF TREATED WASTE WATER	
7. DISCHARGE AMOUNT AND POINT OF DISCHARGE TO WATER BODY	
8. LOCATORS WITH PRE- TREATMENT	
9. WASTE WATER FEES	
10. CADASTRE, PLANS AVAILABLE (PAPER, DIGITIZED)	

ASSESSMENT AND CONCLUSIONS	
STRENGTHS	
WEAKNESSES	
OPPORTUNITIES	
THREATS	
CONCLUSIONS	

3. Storm Water Drainage	
1. SEPARATE SYSTEM FROM SEWAGE (Y/N)	
2. DISCHARGE TO	
3. CADASTRE, PLANS AVAILABLE (PAPER, DIGITIZED)	

ASSESSMENT AND CONCLUSIONS	
STRENGTHS	
WEAKNESSES	
OPPORTUNITIES	
THREATS	
CONCLUSIONS	

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\lottedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

4. Power Supply

1. POWER SUPPLIER (INCL. CAPACITY)	
2. LOCAL POWER GENERATION (INCL. CAPACITY)	
3. LOCAL POWER DISTRIBUTION	
4. TOTAL POWER CONSUMPTION OF THE ECOZONE / SUPPLY TO THE ZONE	
5. MEDIA SUPPLY (STEAM, AIR) AND QUANTITIES	
6. OTHER	
7. CADASTRE, PLANS AVAILABLE (PAPER, DIGITIZED)	


ASSESSMENT AND CONCLUSIONS

STRENGTHS	
WEAKNESSES	
OPPORTUNITIES	
THREATS	
CONCLUSIONS	

5. Solid Waste Management

1. EXISTING INFRASTRUCTURES FOR SWM (MRF, WEIGH BRIDGE ETC.) INSIDE THE ECOZONE	
2. GENERAL APPROACH FOR SWM	
3. COLLECTION, TREATMENT AND DISPOSAL	
4. AMOUNT AND TYPES OF SOLID WASTES AND SCRAPS GENERATED IN THE ECOZONE	

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	


ASSESSMENT AND CONCLUSIONS	
STRENGTHS	
WEAKNESSES	
OPPORTUNITIES	
THREATS	
CONCLUSIONS	

6. Hazardous Waste Management			
1. TYPES, QUANTITIES AND SOURCE PROCESSES OF HAZARDOUS WASTES GENERATED IN THE ECOZONE	TYPE	QUANTITY	SOURCE PROCESS
2. NUMBER AND NAMES OF LOCATORS GENERATING HAZARDOUS WASTES			

ASSESSMENT AND CONCLUSIONS	
STRENGTHS	
WEAKNESSES	
OPPORTUNITIES	
THREATS	
CONCLUSIONS	

7. Disaster Risk Management / Emergency Response	
1. CENTRAL FIRE FIGHTING INFRASTRUCTURES AND EQUIPMENT	
2. LOCATOR FIRE FIGHTING INFRASTRUCTURE AND EQUIPMENT	

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				


	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

3. CHEMICAL SPILLS / ACCIDENTS EQUIPMENT (ZONE AND LOCATORS)	
4. OTHER ACCIDENTS EQUIPMENT (ZONE AND LOCATORS)	
5. EARLY WARNING FOR NATURAL HAZARDS / DISASTERS	
6. EMERGENCY PLANS (PEZA / LOCATORS)	
7. MEDICAL SERVICES (INSIDE / OUTSIDE) (ZONE AND LOCATORS)	
8. HOSPITALS	
9. ALARM SYSTEMS / INFORMATION CHAINS (ZONE AND LOCATORS)	
10. MAJOR ACCIDENTS AND EMERGENCIES DURING THE LAST THREE YEARS	

ASSESSMENT AND CONCLUSIONS	
STRENGTHS	
WEAKNESSES	
OPPORTUNITIES	
THREATS	
CONCLUSIONS	

8. Social & Business Infrastructures	
1. BANKING FACILITIES	
2. OTHER BUSINESS SERVICE PROVIDERS	
3. CATERING	
4. HOUSING PROVISION / HOUSING FACILITIES FOR EXTERNAL WORKERS	

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\lottedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	


ASSESSMENT AND CONCLUSIONS	
STRENGTHS	
WEAKNESSES	
OPPORTUNITIES	
THREATS	
CONCLUSIONS	

9. Traffic & Transport	
1. CONNECTIONS / NETWORK	
2. MAIN MODES OF TRANSPORT FROM / TO THE ZONE (GOODS, RAW MATERIALS, PEOPLE)	

ASSESSMENT AND CONCLUSIONS	
STRENGTHS	
WEAKNESSES	
OPPORTUNITIES	
THREATS	
CONCLUSIONS	

10. AVAILABLE MAPS (PAPER OR DIGITIZED)	
--	--

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\lottedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

Profile 5: Environmental Profile Locators


1. Electricity Consumption				
1. TOTAL ELECTRICITY CONSUMPTION OF THE LOCATORS (PER QUARTER, BASED ON THE SMRS OR OTHER SOURCES, PLEASE INDICATE)				
2. BASED ON NO OF SMRS				
3. LIST OF THE BIGGEST CONSUMERS (CAN BE EXPANDED; LIST SHOULD COVER MORE THAN 50% OF THE CONSUMPTION DOCUMENTED IN THE SMRS)	LOCATOR	CONS. IN MWH	PERCENTAGE OF TOTAL CONS.	KWH / PROD.UNIT ²
	1			
	2			
	3			
	4			
	5			
4. DETAILS ON MAIN ENERGY CONSUMERS	LOCATOR	CONSUMPTION DETAILS (WHAT ARE THE MAIN CONSUMERS)		
	1			
	2			
	3			
	4			
	5			

Assessment and Conclusions	
KNOWN PROBLEMS	
KNOWN OPTIONS / STRENGTHS	

² Include a calculation of electricity / water consumption related to production output; easiest is to take "Total Output / quarter" from SMR – if available / filled

Some more reliable data should be discussed with PEZA management


Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

2. Water Consumption				
1. TOTAL WATER CONSUMPTION OF THE LOCATORS (FROM SMR OR OTHER SOURCES, PLEASE INDICATE)				
2. BASED ON NO OF SMRS				
3. LIST OF THE BIGGEST CONSUMERS (CAN BE EXPANDED; LIST SHOULD COVER MORE THAN 50% OF THE CONSUMPTION DOCUMENTED IN THE SMRS)	LOCATOR	CONS. IN M ³	PERCENTAGE OF TOTAL CONS.	M ³ / PROD. UNIT
	1			
	2			
	3			
	4			
	5			
4. DETAILS ON MAIN WATER CONSUMERS	LOCATOR	CONSUMPTION DETAILS (WHAT ARE THE MAIN CONSUMERS)		
	1			
	2			
	3			
	4			
	5			
5. NO. OF LOCATORS WITH OWN DEEP WELLS (FROM EC INSPECTION REPORTS) LIST PROBLEMS, IF ANY				
6. LIST OF VIOLATIONS BASED ON NOV'S	LOCATOR, VIOLATION, DATE:			

Assessment and Conclusions	
KNOWN PROBLEMS	
KNOWN OPTIONS / STRENGTHS	

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

3. Usage of potentially hazardous Substances³

1. LIST OF THE BIGGEST USERS

(CAN BE EXPANDED; LIST SHOULD COVER MORE THAN 50% OF THE USAGE DOCUMENTED IN THE SMRS, OR OTHER SOURCES, PLEASE INDICATE)

LOCATOR	TRADE NAME	OFFICIAL NAME	CCO	HAZARD (TOXIC, INFLAMMABLE, EXPLOSIVE, WATER POLLUTING ETC.)	QUANTITY

2. LIST OF VIOLATIONS BASED ON NOVS

LOCATOR, VIOLATION, DATE:

Assessment and Conclusions

KNOWN PROBLEMS	
KNOWN OPTIONS / STRENGTHS	

4. Hazardous Waste Generation within the EZ⁴

1. LIST OF THE BIGGEST GENERATORS


(CAN BE EXPANDED; LIST SHOULD COVER MORE THAN 50% OF THE GENERATION DOCUMENTED IN THE SMRS, OR OTHER SOURCES, PLEASE INDICATE)

LOCATOR	HW No	HW CLASS	HW NATURE	HW CATALOGUING	AVERAGE AMOUNT

³ Based on data from SMR plus CCO

⁴ Based on data from SMR plus register of HW Generators

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

					GENERATED / QUARTER

2. LIST OF VIOLATIONS BASED ON NOVS	LOCATOR, VIOLATION, DATE

3. HAZARDOUS WASTE GENERATED PER NO WITHIN THE EZ ⁵					
HW NO	HW CLASS	HW NATURE	HW CATALOGUING	AVERAGE AMOUNT GENERATED / QUARTER	NO OF LOCATORS GENERATING THIS TYPE


Assessment and Conclusions	
KNOWN PROBLEMS	
KNOWN OPTIONS / STRENGTHS	

5. Hazardous Waste Treatment / Recycling within the EZ ⁶
1. LIST OF THE BIGGEST TREATERS 7RECYCLERS (CAN BE EXPANDED; LIST SHOULD COVER MORE THAN 50% OF THE TREATMENT / RECYCLING DOCUMENTED IN THE SMRS, OR OTHER

⁵ Based on data from SMR plus register of HW Generators

⁶ Based on data from SMR plus register of HW Treaters

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				


	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

SOURCES, PLEASE INDICATE)						
LOCATOR	HW NO	HW NATURE	TYPE OF TREATMENT	AVERAGE STOCK / QUARTER	AVERAGE AMOUNT TREATED / QUARTER	AVERAGE AMOUNT OF RESIDUAL WASTE GENERATED FROM TREATMENT
2. LIST OF VIOLATIONS BASED ON NOVS	Locator, violation, date					

Assessment and Conclusions	
KNOWN PROBLEMS	
KNOWN OPTIONS / STRENGTHS	

6. Waste Water Generation								
1. TOTAL WASTE WATER GENERATION IN THE EZ (FROM SMR OR OTHER SOURCES, PLEASE INDICATE)	TOTAL	DOMESTIC	COOLING	PROCESS	EQUIPMT. WASHING	FLOOR WASHING	OTHER	
2. BASED ON NO OF SMRS								
3. LIST OF THE BIGGEST GENERATORS (CAN BE EXPANDED; LIST SHOULD COVER MORE THAN 50% OF THE GENERATION DOCUMENTED IN THE SMRS OR OTHER SOURCES, PLEASE INDICATE)	LOCATOR	TOTAL	DOMESTIC	COOLING	PROCESS	EQUIPMT. WASHING	FLOOR WASHING	OTHER
	1							
	2							
	3							
	4							
	5							
4. LIST OF VIOLATIONS OF WW STANDARDS BASED ON NOVS	Locator, parameter, grade of violation (close to limit, above, how much?)							

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				


	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

Assessment and Conclusions	
KNOWN PROBLEMS	
KNOWN OPTIONS / STRENGTHS	

7. Pre-Treatment of industrial Waste Waters within the EZ					
1. LIST OF THE BIGGEST PRE-TREATMENT PLANTS (CAN BE EXPANDED; LIST SHOULD COVER MORE THAN 50% OF THE PRE-TREATMENT CAPACITY DOCUMENTED IN THE SMRS, OR OTHER SOURCES, PLEASE INDICATE)					
LOCATOR	PRE-TREATMENT FACILITY	POLLUTANT	CAPACITY	STANDARDS	AVERAGE AMOUNT TREATED / QUARTER
2. LIST OF VIOLATIONS OF WW STANDARDS BASED ON NOV'S		Locator, parameter, grade of violation (close to limit, above, how much?)			

Assessment and Conclusions	
KNOWN PROBLEMS	
KNOWN OPTIONS / STRENGTHS	

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\lottedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

8. Reuse of treated Waste Water within the EZ

1. LIST OF THE BIGGEST RE-USERS

(CAN BE EXPANDED; LIST SHOULD COVER MORE THAN 50% OF THE RE-USE DOCUMENTED IN THE SMRS, OR OTHER SOURCES, PLEASE INDICATE)

LOCATOR	AVERAGE AMOUNT REUSED / QUARTER	PURPOSE


Assessment and Conclusions

KNOWN PROBLEMS	
KNOWN OPTIONS / STRENGTHS	

9. Air Quality

1. LIST OF EMITTERS EXCEEDING 75% OF THE REQUIRED STANDARDS	LOCATOR	FLOW RATE (Nm ³ /d ay)	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PARTICUL ATES (mg/Nm ³) (mg/Nm ³) (mg/Nm ³) (mg/N m ³)	
	1								
	2								
	3								
	4								
	5								
2. LIST OF VIOLATIONS OF AIR QUALITY STANDARDS BASED ON NOVS	Locator, parameter, grade of violation (close to limit, above, how much?)								

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				

	PEZA Eco-Industrial Development Management Handbook	
Chapter: 5	Section: 1.2 EID-Tools: Baseline Analysis Tool Working Steps 3 and 4 Data Collection and Assessment	

Assessment and Conclusions	
KNOWN PROBLEMS	
KNOWN OPTIONS / STRENGTHS	

10. CSR Activities within the Zone						
1. LOCATOR / INITIATOR	ACTIVITY / PROJECT	DATE	OBJECTIVE	TARGET GROUP	RESULTS / OUTCOMES	STRENGTHS / WEAKNESSES

Assessment and Conclusions	
KNOWN PROBLEMS	
KNOWN OPTIONS / STRENGTHS	

11. REMARKS

Author:	Peter Bank	Checked by:		Approved by:	
Date:	24/03/2009	Date:		Date:	
Version No:	03				
File Name:	c:\users\fabo_cla\appdata\roaming\opentext\otedit\dms_giz_de-dms\60855917\03_1 bat profiles v03.doc				