



**Improving existing institutional frameworks,
legislation and policy related to Emission Limit
Values (ELV) for industrial effluents, industrial
permitting and monitoring systems according to the
IPPC principles and CP concepts**

IPPC Seminar

October 2nd □ 3rd 2011 Rammallah



Integrated Pollution Prevention and Control

- **Implementation of the IPPC - requirements in Slovenia**
- **EU Twinning Project - example**

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Initial situation in Slovenia before starting the Project

➤ **Existing activities**

- IPPC-Directive 96/61/EC and EIA-Directive 97/11/EC are completely implemented under legal aspects
- Intensive information exchange between
 - High level management of companies
 - Ministry of Environment and Spatial Planning
 - Environmental Agency
 - Inspectorates
- Agreement on conditions which should be contained in future permits

➤ **Comprehensive Monitoring Report of the EC**

- Administrative capacities are in place and functional to fulfill the requirements associated with IPPC implementation
- Capacity to issue permits for IPPC installations and to ensure compliance needs to be enhanced



Project Structure:

Component 1 Inception Phase

Component 2 Application Guideline and Application Forms

Component 3 Permitting Procedure including Pilot Permits

Component 4 Monitoring Guideline and Site Inspections

Component 5 Information Exchange Programme



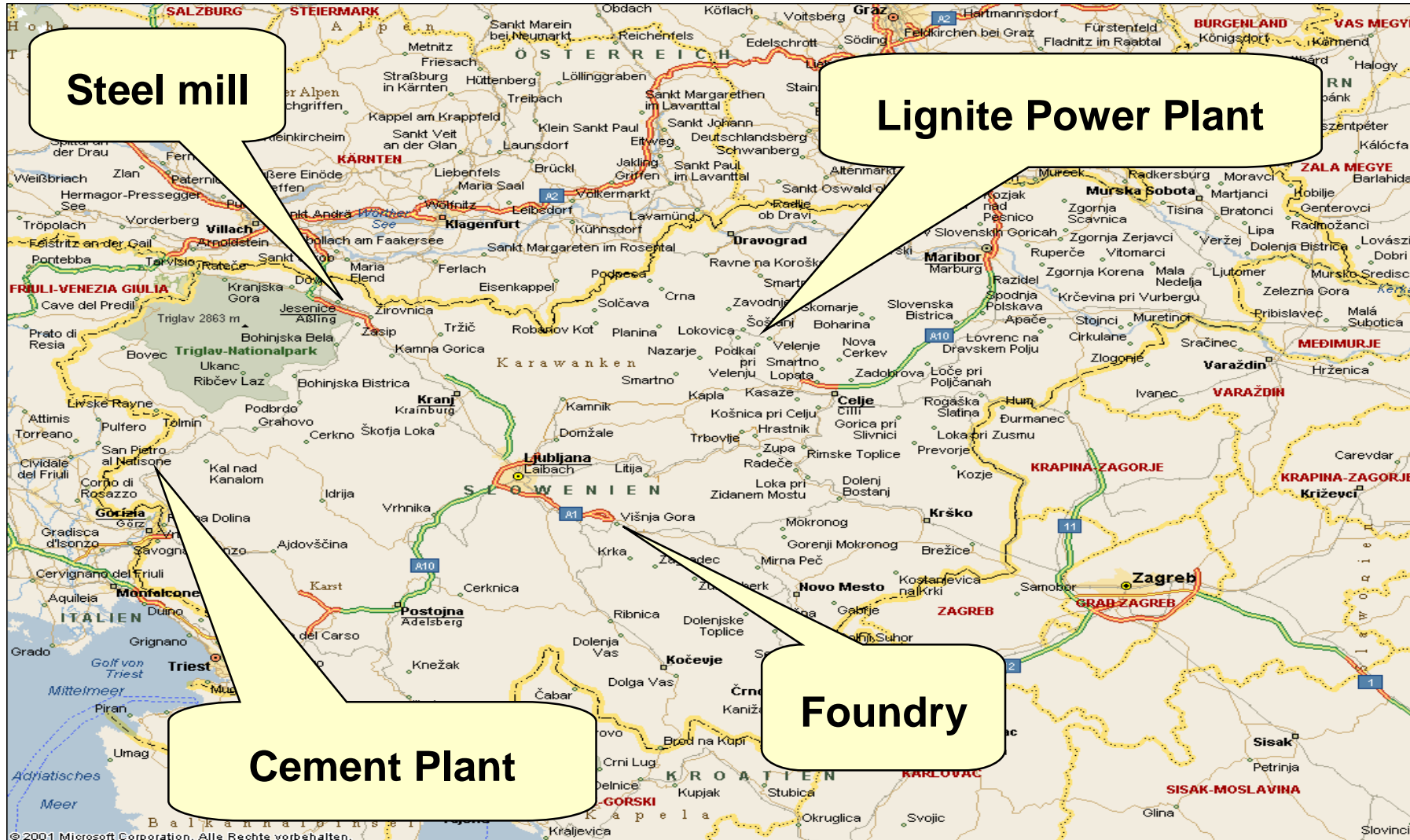
Detailed Phased Programme for Implementation

I. Inception Phase

- ⇒ Evaluation of the capacity of the permitting authorities in issuing permits

- ⇒ Preparation of an overall training programme for the project

- ⇒ Assessment of the pilot industrial installations





II. Application Guideline and Application Forms

- ⇒ Training seminar on the German and Belgian guidelines and forms for the application procedure
- ⇒ Meeting on the use of BREFs in the application procedure
- ⇒ On-site visits in selected installations
- ⇒ Training on the 'check of completeness' for experts of permitting authority
- ⇒ Optimizing of the existing Slovenian application guideline and application forms according to the findings of the practical training



III. Permitting Procedure including Pilot Permits

- ⇒ Training seminar on the German and Belgian permitting procedure
- ⇒ Preparation of an overall manual on the procedures of issuing integrated permits under IPPC
- ⇒ Training programme on integrated permitting under IPPC
- ⇒ Issuing 4 integrated environmental pilot permits for the selected installations



IV. Site Inspections, Monitoring System

- ⇒ Training seminar on the German and Belgian inspection procedure
- ⇒ Preparation of operational papers for the inspections
- ⇒ On-site inspections to test the effectiveness of the procedures and tools prepared, including a report on the site inspection with recommendations for improvement
- ⇒ Optimizing of the existing Slovenian inspection procedure according to the findings of the practical training.
- ⇒ Preparation of a general manual on inspection procedures



V. Information Exchange Programme

- ⇒ Gap analysis of the existing information management structures
- ⇒ Set-up of a database management system and IPPC-checklists
- ⇒ Set-up of an administrative-industry communication strategy (including public participation)
- ⇒ Preparation of a general guideline on reporting requirements and procedures under Article 15 (3) Article 16 (1+3) of the IPPC Directive
- ⇒ Study Tour



Mandatory Results

- 4 integrated environmental permits for selected installations
- Capacity building of civil servants in preparing application forms, permits and public information
- Capacity building of company employees in preparing information to permit writers
- Manual on the application and permitting procedure
- Manual on the monitoring, inspection and reporting requirements.
- Improvement of the information exchange among all parties involved



Framework Time Schedule:

Project Month	1	2	3	4	5	6	7	8	9	10	11	12
Component 1 Inception phase												
Activity 0 kick-off meeting	█											
Activity 1 evaluation permitting authority	█	█										
Activity 2 assessment pilot installations		█										
Activity 3 preparation training programme		█										
Activity 4 preparation manual		█	█	█	█	█	█	█	█	█	█	█
Component 2 Application guidelines and application forms												
Activity 5 presentation application forms		█	█									
Activity 6 using BREF, energy efficiency, on site visit			█	█	█							
Activity 7 elaboration application forms/procedure					█							
Component 3 Permitting procedure including 4 pilot permits												
Activity 8 presentation permitting procedure					█	█						
Activity 9 writing pilot permits, stack height						█	█	█				
Activity 10 presentation pilot permits								█				
Activity 11 elaboration permitting procedure								█				



Framework Time Schedule:

Project Month	1	2	3	4	5	6	7	8	9	10	11	12
Component 4 Monitoring guideline and site inspection												
Activity 12 Presentation monitoring/inspection procedure												
Activity 13 site inspection												
Activity 14 elaboration inspection guideline												
Component 5 Information exchange programme												
Activity 15 gap analysis existing information system												
Activity 16 Set-up of a database management system and IPPC-checklists												
Activity 17 IPPC reporting												
Activity 18 Set-up of an administrative-industry communication strategy												
Activity 19 study tour												
Component 6 Wrap-up												
Activity 20 final workshop												



	Nov 05	Dec 05	Jan 06	Feb 06	March 06	Apr 06	May 06	June 06	July 06	Aug 06	Sep 06	Oct 06	Nov 06	Dec 06	
							1								Mon
1							2			1					Tue
2				1	A4	1	A3			2	A11		1		Wed
3	1	RTA		2	A4	2	A3			3			2		Thu
4	2	Berlin		3	A4	3	A3		1	A9.2			3	vacation	Fri
5	3			4	A4	4	A3		2	A9.2			4		Sat
6	4		1	5	A4	5	A3		3	A9.2			5		Sun
7	5		2	6	A4	6	A3		4	A9.2			6		Mon
8	6	A1	3	7	A4	7	A3		5	A9.2			7		Tue
9	7	A2.3	4	8	A4	8	A3		6	A9.2			8		Wed
10	8	A2.3	5	9	A4	9	A3		7	A9.2			9		Thu
11	9	A2.3	6	10	A4	10	A3		8	A9.2			10		Fri
12	10		7	11	A4	11	A3		9	A9.2			11		Sat
13	11		8	12	A4	12	A3		10	A9.2			12		Sun
14 start of the p	12		9	13	A4	13	A3		11	A9.2			13		Mon
15	13		10	14	A4	14	A3		12	A9.2			14		Tue
16	14		11	15	A4	15	A3		13	A9.2			15		Wed
17	15	A2.2	12	16	A4	16	A3		14	A9.2			16		Thu
18	16		13	17	A4	17	A3		15	A9.2			17		Fri
19	17		14	18	A4	18	A3		16	A9.2			18		Sat
20	18		15	19	A4	19	A3		17	A9.2			19		Sun
21	19		16	20	A4	20	A3		18	A9.2			20		Mon
22	20	Kick Off	17	21	A4	21	A3		19	A9.2			21		Tue
23	21	A0	18	22	A4	22	A3		20	A9.2			22		Wed
24	22	A2.1	19	23	A4	23	A3		21	A9.2			23		Thu
25	23		20	24	A4	24	A3		22	A9.2			24		Fri
26	24		21	25	A4	25	A3		23	A9.2			25		Sat
27	25		22	26	A4	26	A3		24	A9.2			26		Sun
28	26		23	27	A4	27	A3		25	A9.2			27		Mon
29	27	Christmas break	24	28	A4	28	A3		26	A9.2			28		Tue
30	28		25	29	A4	29	A3		27	A9.2			29		Wed
	29		26	30	A4	30	A3		28	A9.2			30		Thu
	30		27	31	A4	31	A3		29	A9.2			31		Fri
	31		28						30	A9.2					Sat
			29						31	A9.2					Sun
			30												Mon
			31												Tue

Project working plan: 14.11.2005 to 31.12.2006



Main recommendations out of the Twinning Project

- **Integration of environmental impact assessment into the IPPC-permitting procedure**
- **Integration of water permit for use of surface and groundwater**
- **Systematic involvement of the inspection authority in IPPC-permitting procedure**
- **Adoption of the Slovenian legal legislation concerning emission limit values to BAT**
- **Slovenian binding guideline on permitting, inspection and monitoring procedure**
- **Common regulations for the assessment of odour should be implemented**
- **Common regulations for assessment of vibration should be implemented**



***Thank you very much for
your attention!***