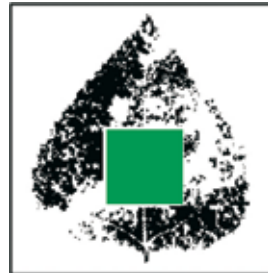


## REFERENCE LIST

### SMELL WELL SYSTEM LANDFILL DESIGN, OPERATION & REMEDIATION LANDFILL GAS SURVEYS & DEGASSING

#### THE IUT GROUP







INNOVATIVE WASTE & ENERGY  
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## REFERENCE LIST

### SMELL WELL SYSTEM

### LANDFILL DESIGN, OPERATION & REMEDIATION

Location	Client	Year	
<b>Sibiu/Romania</b> Closing of the old landfill at Remetea, with cover and LFG system	<b>Sibiu Council</b>	<b>2014</b>	
<b>Bacau/Romania</b> Closing of two old landfills with LFG system and flares	<b>Bacau Council</b>	<b>2013</b>	
<b>Minsk/Belarussia</b> Landfill degassing System for the landfill "Trostenets" for totally 3 MW electrical power to the grid Start up 2nd part 2008	<b>TDF EcoTech Ltd.</b>	<b>2008</b>	
<b>Québec/Canada</b> Aeration of the existing landfill with a yearly capacity of 300.000 m <sup>3</sup> with the SMELL WELL System. Start up September 2007	<b>Depot Rive North Corp.</b>	<b>2007</b>	

## REFERENCE LIST

### SMELL WELL SYSTEM

### LANDFILL DESIGN, OPERATION & REMEDIATION




Location	Client	Year	
<b>Sharjah/UAE</b>	<b>Municipality of Sharjah</b>	<b>2007</b>	
Construction of Cell 1a (3,5 Mill m <sup>3</sup> ) Sanitary Landfill at Sajja site, including roads, buildings, auxiliaries support systems etc. General Contractor			Start May 08
<b>Sharjah/UAE</b>	<b>Municipality of Sharjah</b>	<b>2007-2009</b>	
Management of the Sajja Landfill site with 12,000 tpd feeding. Management includes staff, machineries, maintenance, reporting and monitoring, Optimising of the operation, etc.			
General Manager			
<b>Sharjah/UAE</b>	<b>Sheikh Mohamed Al Qassimi</b>	<b>2004-2009</b>	
App. 7,5 Mill m <sup>3</sup> of an old landfill will be excavated, treated, refilling of clean soil and app. 10Vol% landfilled again. Odour Stabilisation with the SMELL WELL System			
General Contractor including chemical lab's			



## REFERENCE LIST

### SMELL WELL SYSTEM




#### LANDFILL DESIGN, OPERATION & REMEDIATION

Location	Client	Year	
<b>Omuta City/Japan</b> App. 60.000sqm of an old landfill should be excavated and transported to a new area. Odour Stabilisation with the SMELL WELL System	<b>Mitsui Mining Comp./J</b>	<b>2000</b>	
<b>Braambergen/The Netherlands</b> A part of the landfill was changed with the SMELL WELL System to aerobic conditions to reduce methane and odour emissions	<b>Afvalzorg Deponie SA/Haarlem</b>	<b>2000</b>	
<b>Sita di Fungaia and Santa Fiora/Italy</b> Two old dumps (50.000sqm and 220.000sqm) had to be moved into a new area Odour Stabilisation with the SMELL WELL System	<b>Progesam f. San Sepolcro</b>	<b>2000</b>	

## REFERENCE LIST

### SMELL WELL SYSTEM



### LANDFILL DESIGN, OPERATION & REMEDIATION

Location	Client	Year	
<b>Benešov/Czech Republic</b> 280.000sqm of the existing landfill had to be moved Aeration with the SMELL WELL System Sorting with IUT Sorting Plant.	<b>City of Benešov</b>	<b>1998 - 2006</b>	
<b>Kyung Suh/ South Korea</b> 620.000sqm of the dump had to be moved within 7 months! Odour Stabilisation with the SMELL WELL System	<b>Korean Highway Corp</b>	<b>1998</b>	
<b>Wolfsberg-Hartberg/Austria</b> 240.000sqm of the landfill were excavated within 6 months! Aeration with the SMELL WELL System	<b>Abfallwirtschaftsverb. Wolfsberg</b>	<b>1997</b>	

## REFERENCE LIST

### SMELL WELL SYSTEM

### LANDFILL DESIGN, OPERATION & REMEDIATION

Location	Client	Year	
<b>Třebíč/Czech Republic</b>	<b>City of Třebíč</b>	<b>1997</b>	
22.000sqm of the existing landfill had to be moved, aeration with the SMELL WELL System			
<b>Rennerode/Germany</b>	<b>LK Westerwaldkreis</b>	<b>1996 – 1997</b>	
140.000sqm of the dump was moved, aeration with the SMELL WELL System			
Sorting with IUT Sorting Plant			
<b>Burghof/Germany</b>	<b>AVL Ludwigsburg</b>	<b>1992 – 1996</b>	
First and most important SMELL WELL project in Germany. 160.000sqm were excavated and treated with IUT Sorting Plant			
<b>Beograd / Serbia</b>	<b>Lozikorp Corp.</b>	<b>2007-2008</b>	
Remediation of 400.000 m <sup>3</sup> of the Landfill Ada Hula within 6 months. Refilling of the inerts and transport of the residue to a new landfill.			

*Because of missing financing of the client it did not start until now.*

## REFERENCES IN THE FIELD OF LANDFILL GAS SURVEYS AND DEGASSING

Landfill / equipment	Project	Client, contact	Year
Landfill Suchý důl	Optimization of landfill gas pumping at dumping unit	Technické služby Zlín.	2004
Landfill MSW Hrádek u Pacova	Landfill gas development monitoring	SOMPO a.s.	2003
Landfill Jílové u Děčína	Landfill gas production survey	Město Jílové	2003
Landfill Němčice na Hané	Elaboration of landfill gas production forecast, verification by means of gas recovery test	SITA Moravia a.s.	2003 - 2004
Landfill MSW Nová Role	Landfill gas development monitoring	Technická služba Nová Role	2003
Landfill TKO Pravětín	Landfill gas development monitoring	KVINT Vimperk spol.s.r.o	2002 - 2004
Landfill MSW Orlík	Detailed landfill gas survey, landfill gas production forecast, landfill degassing project	TS Děčín, a.s	2002
Landfill MSW Rejchartice	Landfill gas production forecast	Obec Rapotín	2002
Landfill Senec (Slovakia)	Detailed landfill gas survey, landfill gas production forecast	REZO, spol. s r.o.	2002
Landfill Tichá	Surface landfill gas survey, landfill degassing project, Landfill degassing implementation by means of soil biofilters, measuring of degassing system efficiency	OKD REKULTIVACE, a.s	2001- 2002

## REFERENCES IN THE FIELD OF LANDFILL GAS SURVEYS AND DEGASSING

Landfill / equipment	Project	Client, contact	Year
Landfill Poskla Vsetín	Detailed gasometrical landfill gas survey, final report– evaluation	Vodní zdroje Holešov, a.s.	2001
Landfill MSW Bohumín	Detailed gasometrical survey Landfill gas monitoring project	Městský úřad Bohumín -	2001
Landfill MSW Mrsklesy Velká Bystřice	Surface landfill gas survey Landfill degassing project	International holding ENVI,a.s.	2001
Bošany, landfill MSW Babica, Slovakia	Surface landfill gas survey	SENSOR, s.r.o.	2001
Landfill Těmice	Landfill gas production forecast Landfill gas development monitoring	EKOR, s.r.o.	2000 - 2004
Landfill MSW Březová	Landfill gas production survey Landfill gas development monitoring	EKO-Unibau a.s.	2000 - 2004
Landfill Doubrava	Surface landfill gas survey	Obec Doubrava	2000
Landfill Životice	Surface landfill gas survey – landfill gas production forecast, landfill gas production estimation	ASOMPO,a.s.	2000
Landfill Pinkovo Uherský Ostroh	Landfill gas survey Landfill reclamation project – degassing draft	Město Uherský Ostroh	1999



## REFERENCES IN THE FIELD OF LANDFILL GAS SURVEYS AND DEGASSING

Landfill / equipment	Project	Client, contact	Year
Landfill Kvítkovice	Detailed landfill gas survey, landfill degassing draft	Marius Pedersen a.s	1998 - 1999
Landfill MSW Rychvald Ostrava	Detailed gasometrical survey Monitoring	Technické služby	1998
Landfill Židův žleb	Detailed landfill gas survey, monitoring Conceptual study Landfill gas production forecast	Hamé, a.s. Babice	1997 - 1998
Landfill Kuchyňky - Zdounky	Landfill gas survey Landfil gas production forecast Landfill gas development monitoring	DEPOZ spol. s r.o.	1997 - 2004
Landfill Markvartovice	Surface landfill gas survey Landfil gas production forecast	SOMA Markvartovice a.s	1997
Landfill Seninka	Surface landfill gas survey Final report– evaluation	Město Vsetín	1997 - 2002
Landfill Kateřince	Surface landfill gas survey Final report– evaluation	Obecní úřad Kateřinice	1997
Landfill Kvasice „Lochy	Surface landfill gas survey Final report– evaluation	Obecní úřad Kvasice	1996
Landfill MSW Sovinec, Karviná	Detailed gasometric survey, pumping test, Degassing wells implementation Landfill gas development monitoring	Město Karviná	2001 -2004
Landfill Békéscsabai Hungary	Surface landfill gas survey, landfill degassing project, landfil gas production forecast, pumping test, landfill degassing implementation by means of biological filters, landfill gas development monitoring	Békéscsabai Városüzemeltetési KFT	2000 - 2004

## REFERENCES IN THE FIELD OF LANDFILL GAS SURVEYS AND DEGASSING

Landfill / equipment	Project	Client, contact	Year
Landfill MSW Prakšice	Gasometrical survey Degassing system implementation, biological filters Landfill gas development monitoring	Rumpold UHB s.r.o.	1999 - 2001
Landfill MSW Grygov	Detailed gasometrical survey Landfill reclamation project with draft of degassing system Landfill gas development monitoring Landfill degassing implementation by means of soil biofilters	TS města Olomouce, a.s.	1998 - 2004
Landfill Křížné cesty I, lib	Survey and draft of degassing systém Landfill degassing implementation by means of biological filters (IIb stage) Landfill gas monitoring	OTR Buchlovice	1997 - 2001
Landfill Kozlany	Estimation of landfill gas production Landfill degassing implementation by means of combustion jets, landfill gas development monitoring	Respono, a.s.	2002 - 2004
Landfill Getlini-Riga Lotyšsko	Implementation of collecting landfill degassing system within the scope of 172 collection wells within the framework of Municipal Solid Waste Management project	Getlini EKO Riga	2002
Landfill Petrůvky	Surface landfill gas survey, landfill gas production forecast, monitoring, safety measures for operation in the operation areas with possibility of landfill gas occurrence, landfill gas production verification – pumping test, power-producing auditing, degassing system project, implementation of collecting degassing system	Svazek obcí „Skládka TKO“	2000 - 2004

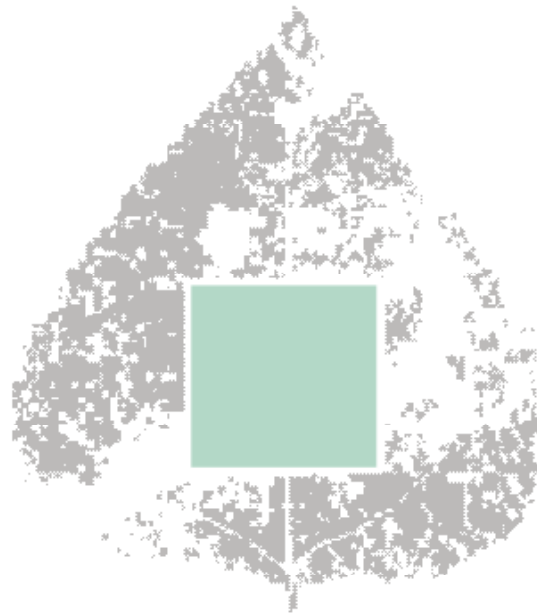
## REFERENCES IN THE FIELD OF LANDFILL GAS SURVEYS AND DEGASSING

Landfill / equipment	Project	Client, contact	Year
Landfill Solecká	Surface landfill gas survey, landfill gas production forecast, monitoring, safety measures for operation in the operation areas with possibility of landfill gas occurrence, landfill gas production verification – pumping test, landfill gas utilization project, landfill degassing implementation and subsequent landfill gas utilization in motor generator (performance 249 kW/h) Optimization of landfill gas pumping, unit service.	DEPOS Horní Suchá a.s.	1997 - 2004
Landfill Bopo Třebíč	Detailed landfill gas survey, landfill solidification monitoring before usage of SMELL WELL technology	Bopo, a.s. Třebíč	1997 - 2004
Landfill MSW Chodov	Landfill gas survey, landfill gas production forecast, pumping test, landfill degassing implementation by means of combustion jets shouldered on gas wells	SATER Chodov spol.s r.o.	1997 - 2002
Landfill Benešov – Příbyšice (reconstruction)	Detailed landfill gas survey, landfill solidification monitoring before usage of SMELL WELL technology, pumping test	Technické služby Benešov	1997 - 2004

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