



EUGRIS

European Groundwater and Contaminated Land Remediation Information System

EVK1-CT-2002-80021

Second Annual Progress Report

Reporting Period:	1 March 2004 - 28 February 2005
Sections included:	Section 1: Management Report Section 2: Executive Publishable Summary Section 3: Detailed Report by Work Package
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Project Home Page:	www.EUGRIS.info

SECTION 2: EXECUTIVE PUBLISHABLE SUMMARY, RELATED TO REPORTING PERIOD (12 MONTHS)

Contract n°	EVK1-CT-2002-80021	Reporting period:	01.03.2004 – 28.02.2005
Title	European Groundwater and Contaminated Land Remediation Information System (EUGRIS)		

Objectives: The overall objectives of EUGRIS are the design of an European information system for groundwater and contaminated land remediation information, the development of its software implementation and the population of the system with information. The aims in the second year were: the interims stage between the 1st and 2nd prototype was presented at the EU workshop “Towards an Integrated Management of Soil and Water Resources” in June 2004 in Bonn, Germany, organised by JOINT and EUGRIS, four months ahead of schedule. The 2nd prototype was concluded in autumn 2004. By then the system and template design was almost finished and the population of the system with technical, country and research information had taken centre stage. The work package “market and economic survey” performed a qualitative and quantitative market research. The “communication/ dissemination” work package continued promotion on EUGRIS, gave several presentations and system demonstrations and realised the External Advisory Group’s feedback on the second prototype of EUGRIS.

Scientific achievements: The second prototype of EUGRIS was launched in October 2004 under www.EUGRIS.info and www.soilandwater.info. It replaced the project web site www.EUGRIS.org. The second prototype encompassed the full scope and design of the portal as well as the first half of technical, country and research project information.

The EUGRIS portal consists of seven main sections:

1. technical information
2. country information
3. research information
4. library
5. news and events
6. training information
7. who does what directory.

Functionalities as “About EUGRIS”, “What’s new on EUGRIS”, “Glossary”, “Help”, “Make a comment” and “Search” assist the visitor to use the system. EUGRIS is designed as **open system**, that means that registered users can post own information in all part of the system. These web tools are grouped under “Contact/Register” and are integrated at prominent places in the web site.

62% of the technical content further descriptions are completed by the EUGRIS team and external experts. The country overview pages are completed. The country detailed pages are in preparation. The research pages include over 100 projects and their outputs. The library resources database passed the 1000 mark.

The External Advisory Group reviewed the second prototype in general positive. The sections “research” (57%), “country”, “technical”, “who does what”, “library” (each 43%) and “news” (28%) are mentioned as most important parts of the portal by percentage (in brackets) of the EAG members. The completion of the initial content was seen as most critical success factor for EUGRIS.

The conclusions of the potential users research provide a general overview on the potential market and the users/customers, but they are only informative due to the relatively low number of responses. In parallel, the operational costs of the EUGRIS Portal were assessed to estimate the financial need of the future operation. This activity is still on-going.

The awareness and recognition of EUGRIS in Europe and Overseas was achieved by external communication activities. Since its launch, www.EUGRIS.info has received 17,998 visits with a total of 97,939 pages served. The site attracts visitors from over 49 countries from all continents of the world. By end of February 2005, EUGRIS had 846 registered users.

Socio-economic relevance and policy implications: The EUGRIS information system received a broad acceptance and already making an impact. It has the potential to be a major influence on contaminated land and groundwater in the European Union, with a strong potential application in the ETAP programme. The demand and necessity for such a European information on soil and groundwater was underlined by different stakeholder groups. EUGRIS stimulates the inauguration or renewal of existent national gateways for contaminated land, soil and groundwater. This demonstrates that the European entitlement for such information systems is assigned to national levels. Other European countries are interested to deliver country information to the European platform. EUGRIS is a first step to increase the competitiveness of Europe. EUGRIS is used as integrative dissemination tool by projects of the fifth framework programme like JOINT, SOWA, CABERNET and by the coordination actions ERA-NET SNOWMAN and EURODEMO, both financed by the European sixth framework programme. EUGRIS is also a tool that empowers individuals, giving individuals and small organisations the access to environmental information in the sector it covers. The EUGRIS system is enormously adaptable because of its database driven system and dynamic page systems. Its approach is to store “meta-information” rather than duplicate content. Its rationale is to act as a gateway rather than a replacement for other information sites.

Conclusions: The project progresses as scheduled. All milestones and deliverables were achieved within the reporting period. Within the last six months, the EUGRIS foundation version is to be concluded by end of August 2005. The system implementation will be finished in spring. The population of the system with information is the principal task in the project's last six months. The last workshop in May 2005 is also dedicated to that task. The project's principal task was to develop the information system and not to compile the complete content for it. However, the work to compile the content was highly underestimated. The work packages “communication/ dissemination” and “market and economic survey” will continue their work. The project's final presentation, held during the ConSoil Conference in October 2005 in Bordeaux, will be a series of four different presentation forms:

Oral presentation of EUGRIS system in the lecture section A “Policy on Soil-Water-Systems”,

Oral presentation of EUGRIS functionalities in a joint special session with the EURODEMO project,

Computer demonstration corners and poster session of EUGRIS during the whole conference, and

Two online seminar special sessions “25 Years of Contaminated Land management-Achievements and Work still to be done” in co-operation with US-EPA, Consoil, Nicole and EUGRIS. Panel 1 will generally concentrate on policy related issues, where panel 2 will give the rundown on the technical progress. The live audience for both panels will be joined by additional participants via the Internet and by phone, for the first time in Consoil history.

Keywords: EUGRIS, information system, soil, water, groundwater, contaminated land, land quality management, research database, dissemination tool

ANNEX 1

EUGRIS PUBLICATION LIST

For the Reporting Period –
1 March 2004 – 28 February 2005

ANNEX 1: EUGRIS PUBLICATION LIST - 1 March 2004 – 28 February 2005

Peer Reviewed Articles:

Authors	Date	Title	Journal	Reference

Non refereed literature:

	Authors / Editors	Date	Title	Event	Reference	Type
1	Paul Bardos	03/2004	EUGRIS – European Groundwater and Contaminated Land Information System		WATER AND SOIL TIMES - Issue 5, March 2004 , available on www.EUGRIS.info	Online Newsletter
2	Bjorn Jensen, Paul Bardos	06/2004	EUGRIS functionality and interfaces of an complex information system - a progress report	EU workshop: Towards an Integrated Management of Soil and Water Resources: Fate and Behaviour of Pollutants, European Commission DG RTD, organised by JOINT, EUGRIS, BMU, Bonn, Germany 7-9 June 2004	“Towards an Integrated Management of Soil and Water Resources” Workshop proceedings, available on http://www.eugris.info/EugrisTeam/documents/presentation_bonn_www.pdf	Presentation
3	Maïke Hauschild	06/2004	EUGRIS as dissemination platform for FP 5 projects and country related information - expectation and reality	EU workshop: Towards an Integrated Management of Soil and Water Resources: Fate and Behaviour of Pollutants, European Commission DG RTD, organised by JOINT, EUGRIS, BMU, Bonn, Germany 7-9 June 2004	“Towards an Integrated Management of Soil and Water Resources” Workshop proceedings, available on http://www.eugris.info/EugrisTeam/documents/presentation_bonn_www.pdf	Presentation
4	Jörg Frauenstein	06/2004	Diffuse pollution, a modular content device from SOWA - information on the way from research to potential user groups	EU workshop: Towards an Integrated Management of Soil and Water Resources: Fate and Behaviour of Pollutants, European Commission DG RTD, organised by JOINT, EUGRIS, BMU, Bonn, Germany 7-9 June 2004	“Towards an Integrated Management of Soil and Water Resources” Workshop proceedings, available on http://www.eugris.info/EugrisTeam/documents/presentation_bonn_www.pdf	Presentation
5	Paul Bardos, Paul Nathanail, Bob Barnes	08/2004	Summary Progress Report on EUGRIS for UK Funders			Paper (restricted to UK funders)

6	Andrea Lodolo	09/2004	EUGRIS- European Soil and Groundwater Information System	ICS-UNIDO: International workshop on "Management of Water and Related Technologies in the Arab Region", Manama, Bahrain, 29-30 September 2004.		
7	Maike Hauschild	09/2004	European Portal for Soil and Water now online		WATER AND SOIL TIMES - Issue 9, November 2004 , available on www.EUGRIS.info	Online newsletter
8	Maike Hauschild	10/2004	www.eugris.info - Portal for Soil and Water Management in Europe goes online		NICOLE NEWS, October 2004, available from www.nicole.org	News in Newsletter
9	Maike Hauschild	10/2004	EUGRIS outline	Launch of second prototype www.eugris.info	Available from www.eugris.info	Paper
10	Maike Hauschild	10/2004	EUGRIS - European Groundwater and Contaminated Land Information System: a functionality and interfaces of a complex information system	VITO- Studiedag " Bodem- en grondwatersanering: Trends in Vlaanderen en in Europa", 28 October 2004, Mol, Belgien.		Presentation
11	Maike Hauschild	10/2004	EUGRIS – Portal for Soil and Water management in Europe	VITO- Studiedag " Bodem- en grondwatersanering: Trends in Vlaanderen en in Europa", 28 October 2004, Mol, Belgien.		Poster presentation
12	Jörg Frauenstein	10/2004	EUGRIS – Portal for Soil and Water management in Europe	ICSS Workshop on Ökotech Conference, 27 October 2004, Budapest, Hungary.		Presentation
13	UBA	11/2004	Europäisches Internetportal für Wasser und Boden jetzt online		Available on www.umweltbundesamt.de and www.eugris.info	Press release
14	UBA	11/2004	Europäisches Internetportal für Wasser und Boden jetzt online		Abfallwirtschaftlicher Informationsdienst, 23 November 2004, www.abfallinfodienst.de	Online newsletter
15	UBA	11/2004	Europäisches Internetportal für Wasser und Boden jetzt online		Rhombos Verlag, Aktuell, 23 November 2004, www.rhombos.de	Online news
16	UBA	11/2004	Europäisches Internetportal für Wasser und Boden jetzt online		ECO-World News, 24 November 2004, www.eco-world.de	Online news
17	UBA	11/2004	Europäisches Internetportal für Wasser und Boden jetzt online		Geobranchen.de, Neuigkeiten http://www.geobranchen.de	Online news
18	UBA	11/2004	Europäisches Internetportal für Wasser und Boden jetzt online		Greening healthcare.net News http://www.greeninghealthcare.de	Online news

19	UBA	11/2004	Europäisches Internetportal für Wasser und Boden jetzt online		Geoagentur Berlin Brandenburg, Aktuelles, http://www.geoagentur.de	Online news
20	UBA	11/2004	Европейский Интернет-портал EUGRIS для водоемов и почв		GIS-Association, News, http://www.gisa.ru/	Online news
21	UBA	11/2004	Europäisches Internetportal für Wasser und Boden jetzt online - EUGRIS informiert rundum		Boden-Bündis deutscher Städte, Kreise und Gemeinden, Aktuell, www.bodenbuendnis.org	Online news
22	UBA	11/2004	EU-Portal für Boden und Wasser		IHK Berlin Brandenburg, News, http://www.berlin.ihk24.de	Online news
23	UBA	11/2004	Europäisches Internetportal für Wasser und Boden jetzt online		Boku Bodenkunde online, http://pcboku10.agrar.hu-berlin.de/snipsnap/space/start	Online news
24	VITUKI	11/2004	Üdvözöljük a Magyar EUGRIS Honlapon!		VITUKI, http://eugris.kvvm.hu/index3.html	News on homepage
25	UBA	11/2004	Europäisches Internetportal für Wasser und Boden jetzt online		innovations-report, www.innovations-report.de	News on homepage
26	UBA	11/2004	Europäisches Internetportal für Wasser und Boden jetzt online		Uni-protokolle.de, http://www.uni-protokolle.de	News on homepage
27	UBA	11/2004	Europäisches Internetportal für Wasser und Boden jetzt online		Fachforum für Arbeitsschutz und Umweltrecht, http://www.fachforum.de/	News on homepage
28	ICS	11/2004	ICS Participates in EUGRIS		ICS-UNIDO, http://www.ics.trieste.it	News on homepage
29	UBA	11/2004	Tre nya projekt samordnar forskning i Europa		Landvinning, Nummer 6. Oktober/November 2004, www.chem.umu.se/mcn	Online Newsletter
30	BRGM	11/2004	Le Portail Européen pour les Sols et l'Eau		FASP, www.fasp.info	Online news
31	BRGM	11/2004	Un portail européen sur les sols et les eaux souterraines pollués		Enviro2B.com, 26 November 2004, www.enviro2B.com	Online news
32	BRGM	11/2004	EUGRIS: le portail européen d'information sur les sites et aux souterraines pollués		BRGM nouveautés, www.brgm.fr	Online news
33	BRGM	11/2004	Environnement: le site EUGRIS		CCI Actualités, www.clermont-fd.cci.fr	Online news
34	BRGM	11/2004	Un système européen d'information sur les sites et aux souterraines pollués		Office international de l'eau, www.oieau.fr	Online news

35	BRGM	11/2004	Sites et sols pollués		ACTU Environnement, www.actu-environnement.com	Online news
36	VITUKI	11/2004	European Portal for Soil and Water now online		European Water Management news, 10 November 2004, www.nwp.nl	Online newsletter
37	VITUKI	11/2004	European Portal for Soil and Water now online		NWP news, www.nwp.nl	News on homepage
38	VITUKI	11/2004	European Portal for Soil and Water now online – Information System EUGRIS publicly available since October		SEDNET news, www.sednet.org	News on homepage
39	BRGM	12/2004	Environnement, eaux souterraines et sols contaminés: L'Agence Fédérale de l'Environnement Allemande crée un site européen relatif à l'eau souterraine et aux sols contaminés: EUGRIS		Recy.net, News, http://www.recy.net	Online article
40	BRGM	12/2004	Un système européen d'information sur les sites et aux souterraines pollués		ÉA Info 119, www.aquedue2B.com	Online news
41	Maike Hauschild	12/2004	Europäisches Internetportal für Wasser und Boden jetzt online		LfU Info-Börse, Altlasten und Boden News 3/2004, Dezember 2004	Article in Newsletter
42	UBA	12/2004	Europäisches Internetportal für Boden und Grundwasser		UBA aktuell 2/2004 – Informationen aus dem Umweltbundesamt, www.umweltbundesamt.de	News in newsletter
43	UBA	12/2004	Europäisches Internetportal für Wasser und Boden jetzt online		IHK Braunschweig: Nachrichten, http://www.braunschweig.ihk.de	Online article
44	UBA	12/2004	Europäisches Internetportal für Wasser und Boden jetzt online		IfMU, News, http://www.ifmu.de	Online news
45	UBA	12/2004	Europäisches Internetportal für Wasser und Boden jetzt online		IDW News, http://idw-online.de	Online news
46	R3	12/2004	Kennisinfrastructuur bodem in Europees perspectief	Bodem Europa Platform op 14 december 2004, Den Haag, Netherlands	Bodem europa platform, http://www.bodem-europa.nl/files/Verslag14dec04.pdf	Proceedings
47	Andrea Lodolo	12/2004	EUGRIS- European Soil and Groundwater Information System	ICS-UNIDO International workshop on "Environmental Pollution and Application of Remediation Technologies", 15-16 December 2004,		Presentation

				Caracas, Venezuela.		
48	Maike Hauschild	12/2005	EUGRIS Christmas Newsletter		Available from www.eugris.info	Online newsletter
49	BRGM	01/2005	Un portail européen sur les sols et les eaux souterraines pollués		BRGM Info Presse, No.33, décembre/janvier 2005	Online newsletter
50	BRMG	01/2005	Discover the Euroseismic and EUGRIS websites		Embassy of France in Canada, News, http://ambafrance-ca.org	Online news
51	UBA	01/2005	Europäisches Internetportal für Wasser und Boden (EUGRIS) online		Umweltbrief, Januar 2005	News in newsletter
52	UBA	01/2005	Europäisches Internetportal für Wasser und Boden jetzt online		Eco-info Nachrichten, www.eco-umweltinstitut.com	Online news
53	LQM	01/2005	EUGRIS: European Portal for Soil and Water now online		LQM news, www.lqm.co.uk	News on homepage
54	UBA	01/2005	EUGRIS ist online		VKU: europa.news, Januar/Februar 2005, www.vku.de	News in online newsletter
55	Maike Hauschild, Jörg Frauenstein	02/2005	EUGRIS - Europäisches Internetportal für Wasser und Boden jetzt online		Altlasten spectrum, 14. Jahrgang, Heft 1, Februar 2005	News in Journal
56	Jörg Frauenstein	02/2005	EUGRIS – Portal for Soil and Water Management in Europe	Recetox International workshop "Integrated sediment and soil assessment", 10-12 February, Brno, Czech Republic		Presentation
57	Maike Hauschild, Jörg Frauenstein	02/2005	EUGRIS – Europäische Informationsplattform für Boden und Grundwasser	UBA Fachbereichsvortrag, Fachbereich II, 16th Februar 2005, Berlin, Germany.		Presentation

EUGRIS PUBLICATIONS - Planning for Future Publications (1 March 2005 onwards)

All Types of Literature:

	Authors / Editors	Date	Title	Event	Reference	Type
1	Maike Hauschild	03/2005	Europäisches Internetportal für Wasser und Boden jetzt online		BMU: Umwelt Heft 3-2005, März 2005	Article in Journal
2	Maike Hauschild, Jörg Frauenstein	04/2005	EUGRIS – Portal for Soil and Water Management in Europe	CABERNET 2005, The International Conference on Managing Urban Land, 13-15 April 2005, Belfast, UK		Presentation and Poster presentation
3	Maike Hauschild, Jörg Frauenstein, Volker Franzius, Paul Bardos	10/2005	EUGRIS – Portal for Soil and Water Management in Europe	ConSoil 2005, 9 th International FZK/TNO Conference on Soil-Water Systems, 3-7 October 2005, Bordeaux, France		Presentation, Poster presentation, special session
4	Maike Hauschild	10/2005	EUGRIS: A window to site cleanup practices in the EU	Online seminar “25 Years of Contaminated Land management- Achievements and Work still to be done”, Joint initiative with EUGRIS, US EPA, NICOLE and CONSOIL, special session during ConSoil 2005, Bordeaux, France, October 05.		Online seminar

ANNEX 2

EUGRIS OUTPUTS

For the Reporting Period –

1 MARCH 2004 – 28 FEBRUARY 2005

- 1 2. PROTOTYPE OF EUGRIS**
- 2 DATABASE OF RTD PROGRAMS AND PROJECTS**
- 3 INTERIMS REPORT WITH DRAFT EUGRIS SYSTEM**

ANNEX 2.1

DELIVERABLE 6:

2. PROTOTYPE OF EUGRIS

The second prototype of EUGRIS is available under

<http://www.eugris.info>
<http://www.eugris.org> and
<http://www.soilandwater.info>

ANNEX 2.2

DELIVERABLE 7:

DATABASE ON RTD PROGRAMS AND PROJECTS

The Database on RTD projects is integrated part of the EUGRIS system. Table 1 summarizes the result of the project evaluation by categories. Only products were considered that are available for the public. 53 out of 114 projects provide no products. The majority of products consists of reports, books, guidelines, journals articles and conference proceedings.

Table 1: List of Evaluated Projects

PROJECT NAME	RESOURCE TYPE				
	Resources (All) ¹⁾	Reports, Guidelines & Books	Journals Articles & Proceedings	Software & Databases	Others ²⁾
ABACUS	15		14		1
ACE	11		11		
AFFOREST	5	4	1		
AGRIBMPWATER	17	2	15		
AISUWRS	-				
ALIANCE	-				
APUSS	-				
AQUEM	8	6		2	
AQUADAPT	-				
AQUASTEW	-				
AQUATERRA	-				
AWACSS	9		9		
BASELINE	-				
BEAM	2		2		
BIOFILMS	1				1
BIOSPEC	47		47		
BIOTECTOR	-				
BIOTOOL	-				
BMW	-				
BOREMED	-				
BUFFER	3	1	2		
CABERNET	20	19			1
CEEAM	11	2	9		
CEMERA	-				
CEMBA	-				
CITYFISH	1				1
CITYNET	-				
CLARINET	4	4			
COMET	-				
COMMONFORUM	4	4			
COMPRENDO	1	1			
CORONA	1				1
DANUBS	14	1	13		
DAUFIN	-				
DESPRAL	-				
DAYWATER	-				
DIMDESMOTOM	-				
ECOFRAME	-				
EMERGE	2	2			
ENVIMAN	9		9		

ENVIRPHARMA	3	1	2		
ERAVMIS	2	2			
ERMITE	9	8			1
EUGRIS	7	1			6
EURISKED	24		24		
EUROHARP	9	9			
EUROLAKES	18	18			
EUROLIMPACS	-				
EUWARENESS	22	22			
FAME	23	17		4	2
FIRMA	3	2			1
FLOBAR2	27	1	26		
GEOWATERS	7		7		
GOUVERNE	-				
GRACOS	2	2			
HARMONIQUE	-				
IMAGETRAIN	72		72		
IMISIS	-				
INCA	1			1	
INCORE	15	10		2	3
JOINT	3	1	2		
LIBERATION	-				
LOWRGREP	5	4	1		
MAGNETICPROXY	-				
MAGPROX	-				
MAGWAT	-				
MAROC	-				
METAL- BIOREDUCTION	72		71		1
MICRORISK	2	2			
MODELKEY	-				
MULTIBARRIER	-				
NA-BW	-				
NAME	6		6		
NETSFIELD	-				
NICOLE	22	13			9
ORGONATE	-				
PAEQUANN	9	7		2	
PASCALIS	-				
PEBCAT	-				
PEGASE	1	1			
PEREBAR	63	8	55		
PHYTODEC	2	1		1	
PIRAMID	2	2			
POSEIDON	1	1			
PROWATER	-				
PURE	-				
RADWAT	-				
REA	-				
REBECCA	-				
RECETOX	-				
RECOVER2010	14	2	12		
RESCUE	-				
SALTRANS	99	13	86		
SEDBARCAH	-				
SEDNET	2	2			

SENSPOL	5	3			2
SNOWMAN	1				1
SOWA	4	4			
STAR	6	5		1	
SWIMED	-				
TARGET	-				
TERRANOVA	1	1			
TOFPSW	1		1		
TRACEFRACTURE	-				
TRANSCAT	-				
URBSOIL	-				
WATCH	1		1		
WATERANALYSIS	-				
WATERTOOL	-				
WATMOVE	-				
WEKNOW	-				
WELCOME	-				
W-SAHARA	11	10		1	

¹⁾ " - " : No products for the public available

²⁾ Category "Others" includes brochures, help files, statements, presentations.

ANNEX 2.3

DELIVERABLE 8:

INTERIM REPORT WITH DRAFT EUGRIS SYSTEM