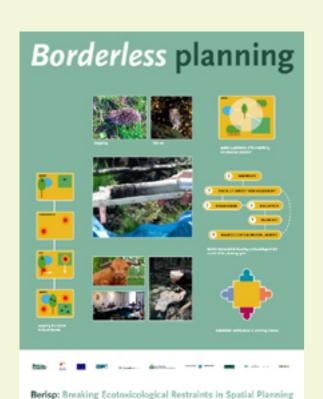


Borderless planning

OBJECTIVES ACTIVITIES PRODUCTS ORGANISATION berisp > objectives > posters & schema's

Breaking Ecotoxicological Restraints in Spatial Planning



This project aims at developing new approaches to soil contamination. There are about 2000 km2 of brownfield sites in Europe today and the NWE region, with its high population density, faces increasing demand for open natural space. Many local authorities are confronted with problems regarding site conversion and soil pollution. The transnational partnership led by the University of Antwerp, brings together eight organisations including major planning authorities, leading organisations in the field of brownfield site redevelopment, and applied research institutes that already assess contamination risks. The partners consider that current methodologies to assess soil contamination risks are defined essentially from a scientific perspective and not sufficiently from a planning standpoint. This scientific approach provides limited alternatives: either a drastic restriction of possible land uses or an expensive decontamination programme which in most cases is not feasible. The main objective and output of this project is the development of a Decision Support System (DSS). The latter will allow an iterative process whereby planning authorities will be able to test different types of landscape uses

and habitat distribution against scientific data regarding potential risks of pollutants on living organisms. The software will include latest GIS technology to model accurately specie distribution, etc... Field studies will be carried out around two different landscape regeneration projects in Belgium and the Netherlands to validate the model and ensure that it meets with end-user needs and expectations at transnational level.

The field studies will focus on hedgehogs and little owls which are key indicators on soil contaminants because they are at the top of the food chain. Once the system is developed and tested it will be widely promoted to potential end-users through relevant networks and organisations at European level.

contact: Nico van den Brink

Alterra, Wageningen UR

PO Box 47, NL-6700AA Wageningen,

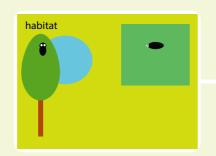
The Netherlands

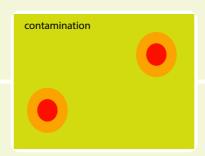
phone: +31 (0)317 47 78 72 nico.vandenbrink@wur.nl

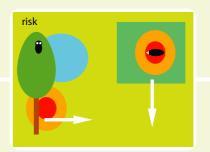


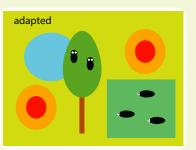


A new approach to soil contamination





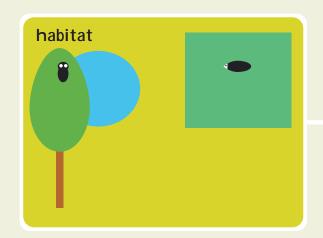


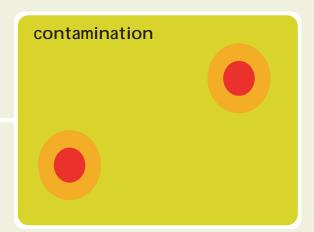


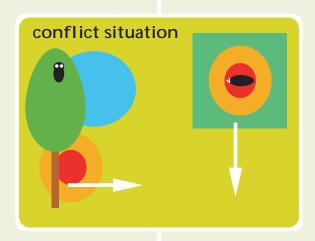
A new approach to soil contamination

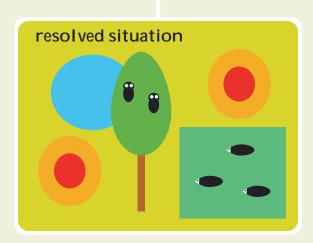
email:

DISCLAIMER CONTACT **PRAVACY PARTNERS**

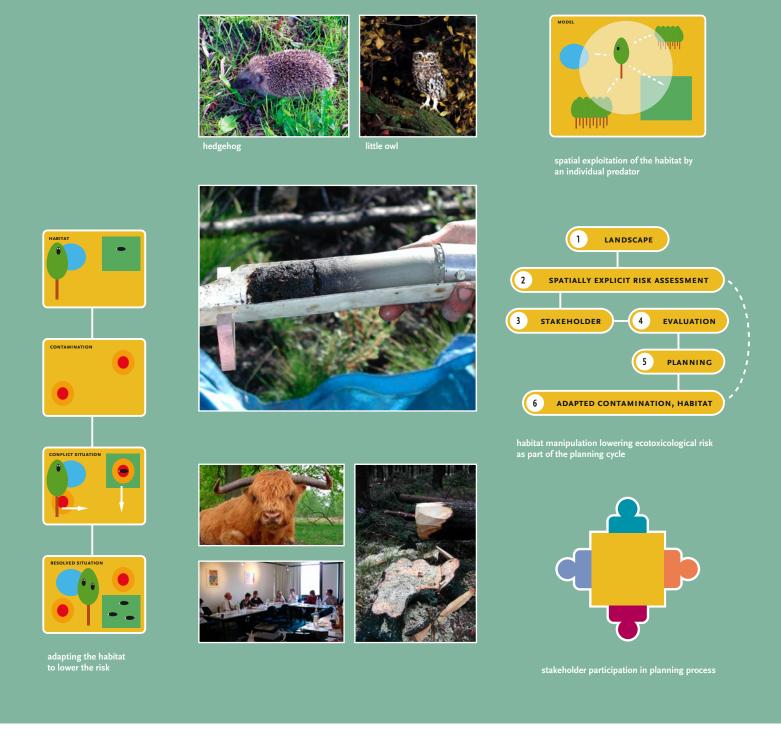








Borderless planning











RIZA deskundig in water









AMINAL

Berisp: Breaking Ecotoxicological Restraints in Spatial Planning

A new approach to soil contamination



Breaking Ecotoxicological Restraints in Spatial Planning

This project aims at developing new approaches to soil contamination. There are about 2000 km² of brownfield sites in Europe today and the NWE region, with its high population density, faces increasing demand for open natural space. Many local authorities are confronted with problems regarding site conversion and soil pollution. The transnational partnership led by the University of Antwerp, brings together eight organisations including major planning authorities, leading organisations in the field of brownfield site redevelopment, and applied research institutes that already assess contamination risks. The partners consider that current methodologies to assess soil contamination risks are defined essentially from a scientific perspective and not sufficiently from a planning standpoint. This scientific approach provides limited alternatives: either a drastic restriction of possible land uses or an expensive decontamination programme which in most cases is not feasible. The main objective and

output of this project is the development of a Decision Support System (DSS). The latter will allow an iterative process whereby planning authorities will be able to test different types of landscape uses and habitat distribution against scientific data regarding potential risks of pollutants on living organisms. The software will include latest GIS technology to model accurately specie distribution, etc... Field studies will be carried out around two different landscape regeneration projects in Belgium and the Netherlands to validate the model and ensure that it meets with end-user needs and expectations at transnational level. The field studies will focus on hedgehogs and little owls which are key indicators on soil contaminants because they are at the top of the food chain. Once the system isdeveloped and tested it will be widely promoted to potential end-users through relevant networks and organisations at European level.

contact: Nico van den Brink

Alterra, Wageningen UR
PO Box 47, NL-6700AA
Wageningen, The Netherlands

phone: +31 (0)317 47 78 72

email: nico.vandenbrink@wur.nl

A new approach to soil contamination

PARTNERSHIP



CONTACT Prof. Dr. Wim de Coen
E-MAIL Wim.decoen@ua.ac.be

RIZA deskundig in water

CONTACT Drs. Jolande de Jonge

E-MAIL j.djonge@riza.rws.minvenw.nl



CONTACT Dr.ir. Nico W. van den Brink
E-MAIL Nico.vandenBrink@wur.nl

Ministerie van Verkzer en Watestaat Rijkswaterstaa

CONTACT Drs. Martijn J.C. van der Veen

E-MAIL J.C.M.vdVeen@dlb.rws.minvenw.nl



CONTACT Ir. Amy De Sloovere
E-MAIL Amy.De.Sloovere@ovam.be



CONTACT Dr. Derek Morgan
E-MAIL d.morgan@csl.gov.uk

AMINAL

E-MAIL marnix.devrieze@lin.vlaanderen.be
CONTACT Dr. Ir. Marnix De Vrieze



INTERNET www.berisp.org



INTERNET www.nweurope.org















Version: 0.1 beta

This product is under construction. Errors may occur.

This Decision Support System is constantly evolving within the Berisp project.

FOR MORE INFORMATION

Please visit: www.berisp.org or contact: Nico.vandenBrink@wur.nl Peter.Verweij@wur.nl (technical)











Version: 0.1 beta

This product is under construction. Errors may occur.

This Decision Support System is constantly evolving within the Berisp project.

FOR MORE INFORMATION

Please visit: www.berisp.org or contact: Nico.vandenBrink@wur.nl Peter.Verweij@wur.nl (technical) Berisp © 2005 Developer Alterra BV Wageningen