

EUGRIS: portal for soil and water management in Europe

**EUGRIS – European
dimension for availability
and accessibility of
information sources for
contaminated land, soil and
water**

Jörg Frauenstein

ICCL-Meeting

September 2007, Stockholm

EUGRIS Mission

EUGRIS is a web portal offering information and services on topics related to soil and water, initially focusing on the problems contaminated land and water. EUGRIS operates as a community of collaborating projects, people and organisations who co-operate to supply information for the benefit of everyone and also to promote themselves and disseminate their work.

- **Finding information**
- **Disseminating information**

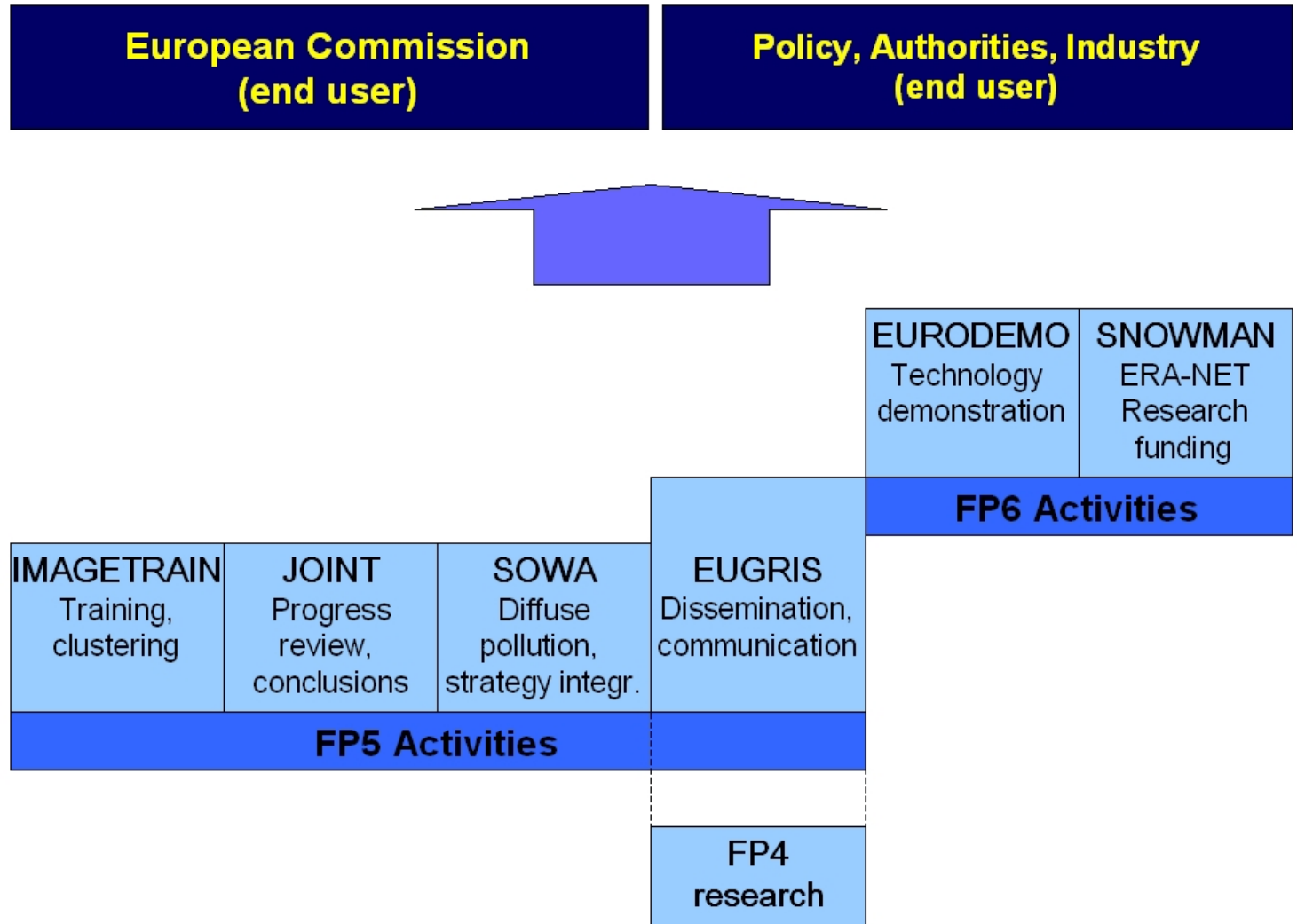
Open system approach

- Two functionalities in one central place:



- EUGRIS provides the infrastructure to disseminate information; but the content and vitality of the system is as good as the system is populated with information by users from all parties of the community

Interaction with other EU projects



Scope of EUGRIS

- **Brownfields**
- **Contaminated land**
- **Diffuse pollution**
- **Groundwater protection**
- Integrated water resources management
- Sediments
- Soil
- Water and sanitation

Technical information

- Country pages
- Technical topics
- Research and funding

Service information

- Library & links: Listing of all resources
- News
- Training: conferences and courses
- Who does what



EUGRIS Portal for Soil and Water management in Europe

LOG OUT
MY ACCOUNT: VIEW

Quick Project & Resource search

Go

Search EUGRIS

[Terms & conditions for use](#)

[About EUGRIS](#) | [What's New on EUGRIS](#) | [Help](#) | [Glossary](#) | [Contact us](#)

[Home](#) | [Country Pages](#) | [Library & links](#) | [News](#) | [Research & funding](#) | [Topics](#) | [Training](#) | [Who does what](#) |

▼ COUNTRY PAGES

UNITED KINGDOM

CONTAMINATED LAND

[Contaminants home](#)

[Cost benefit analysis home](#)

[Information management systems home](#)

[Mega-sites home](#)

[Remediation options home](#)

[Risk assessment home](#)

[Risk management home](#)

[Site investigation home](#)

[Soil and groundwater processes home](#)

[Wider impacts / sustainability home](#)

UK Wider impacts / sustainability

"Wider Effects" as a term is not defined in the UK, although the need to achieve sustainable development in contaminated land management is accepted in policy and regulation.

The 'Model Procedures for the Management of Land Contamination', published by the Environment Agency of England and Wales set out good practice, and can be used across the UK. The wider benefits of remediation projects, and the sustainability of any solutions employed, should be explicitly considered in decision making for contaminated land management. A number of regulatory and planning controls relate to emissions, and wastes generated by remediation, and the planning system can also consider wider impacts such as noise and visual intrusiveness. Cost benefit analysis is seen as an important aid to decision-making and comprehensive stake-holder engagement is encouraged.

[More >>](#)

Further information

[Further description](#)

[Policy and regulations](#)

[Research funding](#)

[Research projects and case studies](#)

[Technical information and general resources on this topic](#)

[Other country information](#)

[Who does what / Partner Search](#)

Library (all related resources) - Country Information

[Documents \(including guidance and management tools\)](#)

[Hardware/technology](#)

[Maps, data, statistics, registers](#)

[Software](#)

[Web links](#)

3-level-structure of topics

TOPICS
Brownfields home
Contaminated land home
Contaminated land in detail
Diffuse pollution home
Diffuse pollution in detail
Groundwater protection home
Groundwater protection in detail
Sediments home

TOPICS
CONTAMINATED LAND
Contaminants home
Contaminants in detail
Cost benefit analysis home
Cost benefit analysis in detail
Information management systems home
Information management systems in detail
Mega-sites home
Remediation options home
Remediation options in detail
Risk assessment home
Risk assessment in detail
Risk management home
Risk management in detail
Site investigation home
Site investigation in detail
Soil and groundwater processes home
Soil and groundwater processes in detail
Wider impacts / sustainability home
Wider impacts / sustainability in detail

TOPICS
CONTAMINATED LAND
RISK ASSESSMENT
Exposure pathways home
Models home
Receptor: Buildings home
Receptor: Ecological home
Receptor: Human health home
Receptor: Water home
Risk benefit analysis home
Sources home
Tools and procedures home
Toxicological information home



Member:
New visitor:

Quick search [Advanced Search](#)

[Terms & conditions for use](#)

[About EUGRIS](#) | [What's New on EUGRIS](#) | [Help](#) | [Glossary](#) | [Make a comment](#)

[Contact/register](#)

[Content](#)

[Country Pages](#)

[Library & links](#)

[News and events](#)

[Research](#)

[Training](#)

[Who does what](#)

RESEARCH

[Brownfields](#)

[Contaminated land](#)

[Diffuse pollution](#)

[Groundwater protection](#)

[Integrated Water Resources management](#)

[Sediments](#)

[Soil](#)

[Water and sanitation](#)

EUGRIS research pages

Welcome to the EUGRIS research pages. These pages provide a comprehensive listing of research information across the European Union. You can search this information: [Search for / list projects](#), [Partner search](#)

You can also review research findings that have been compiled by the University of Tuebingen and other experts, based on an extensive review of current and past projects. You can read these findings by technical topic using the left hand menu. For each topic you will find a list of related projects and project outputs.

You may also submit project information to the EUGRIS system.

[Search/list projects](#)
[Partner search](#)
[Submit project/partner details](#)

On each research topic page, as well as critical review of research findings and issues, we offer links to more detailed resources like these:

Further information

[Research overview](#)
[Research funding](#)
[Research projects \(search tool\)](#)
[Research project outputs \(search tool\)](#)
[Technical information and general resources on this topic](#)
[Country information on this topic](#)
[Who Does What / Partner Search](#)

Library - Research Outputs

[Documents \(reports, articles etc\)](#)
[Hardware/technology](#)
[Maps, data, statistics, registers](#)
[Software](#)
[Web links](#)

You will see this list on the "home page" for each topic. When you are in a topic you can migrate from resource to resource page using drop down menus, and these also let you move to sub-topics or related topics.

Of course, if you know what you want click here for the [Advanced Search!](#)

Add information

- dissemination tool
- all what you need is a web browser
- immediately within minutes

- **User** => news, events, project, funding programme, documents, comments, your expertise or your organisation (use the system)

- **Country/network/project** => new country pages or technical topics (contact us)

EUGRIS Quality assurance

1. Content preparation by European experts (content pages) and experts from national agencies and ministries (country pages).
2. External advisory group (representing wide range of end users) secured relevance of information and user-friendly handling of tool
3. Visitors can „make a comment“ on each page
4. Users can submit resources to complete information
5. Check of broken links (monthly)

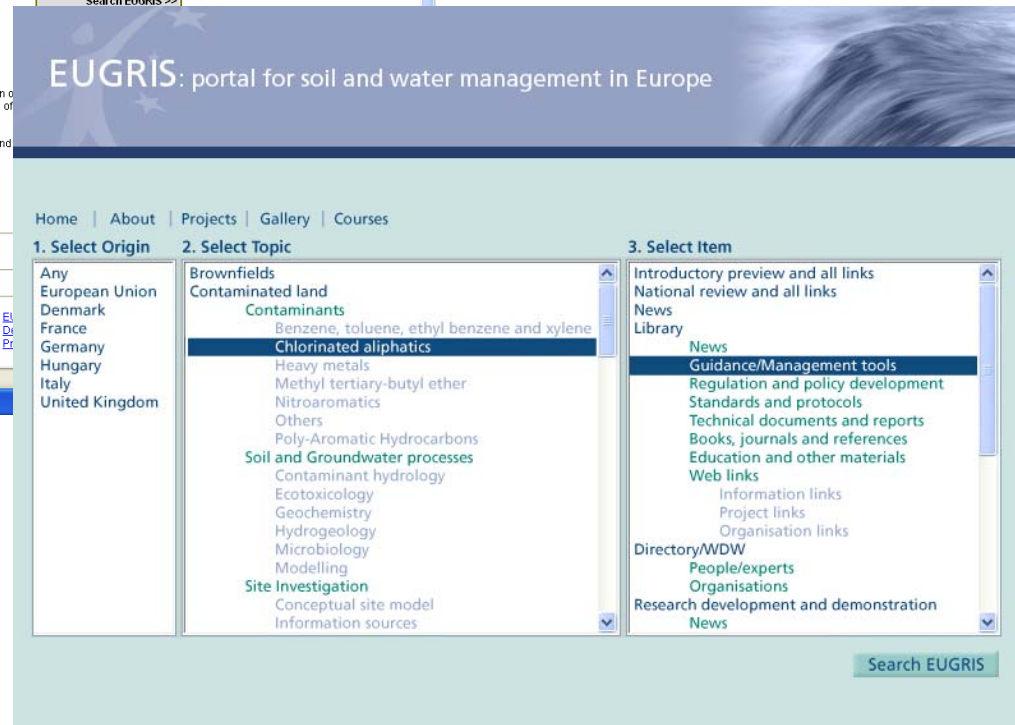
Future of EUGRIS

- Modular structure allows quick integration of new country pages and further technical topics
- International co-operation expands functionalities (funding database — SNOWMAN, demonstration project database — EURODEMO, online seminars — US EPA)
- New cooperations with projects, countries, networks, experts have to be established to enlarge content — MOKKA
- Targeting on new funding for new functionalities

User feedback

- Great interest from outside Europe as well, but language remains a barrier
- Linkage of information: e.g., to countries / projects / organisations seen as very useful
- User interest in analyses and cross comparisons of information – additional service?
- But...
 - Original user interface not liked by many, seen as too complicated, “too many things”
 - Search tool approach seen as limited, functionality limited
 - Content seen as limited
- Our self-funded response / “direction of travel” follows

Current and New release — work in progress



EUGRIS: portal for soil and water management in Europe

[Home](#) | [About](#) | [Projects](#) | [Gallery](#) | [Courses](#)

1. Select Origin

Any
European Union
Denmark
France
Germany
Hungary
Italy
United Kingdom

2. Select Topic

Brownfields
Contaminated land
 Contaminants
 Benzene, toluene, ethyl benzene and xylene
 Chlorinated aliphatics
 Heavy metals
 Methyl tertiary-butyl ether
 Nitroaromatics
 Others
 Poly-Aromatic Hydrocarbons
 Soil and Groundwater processes
 Contaminant hydrology
 Ecotoxicology
 Geochemistry
 Hydrogeology
 Microbiology
 Modelling
 Site Investigation
 Conceptual site model
 Information sources

3. Select Item

Introductory preview and all links
National review and all links
News
Library
 News
 Guidance/Management tools
 Regulation and policy development
 Standards and protocols
 Technical documents and reports
 Books, journals and references
 Education and other materials
 Web links
 Information links
 Project links
 Organisation links
Directory/WDW
 People/experts
 Organisations
Research development and demonstration
 News

Search EUGRIS

EUGRIS: portal for soil and water management in Europe

[Home Page](#) | [Use EUGRIS](#) | [Login](#) | [Register](#) | [Advanced Search](#) | [Glossary](#) | [About Eugris](#) | [Terms and Conditions](#) |

Search this site

Enter one or more keywords to search for on EUGRIS
Note that "*" and "?" wildcards are supported.

Search for: Results per page:

Category: Match: any search words all search words

Search results for: model in all categories

358 results found.

36 pages of results.

11. [Monitored Natural Attenuation](#) [Further Description]

... presence of metabolites Hydrological and geochemical data can be used in an analytical screening **model** to demonstrate indirectly the type of natural attenuation process active at the site and the rate ...

Terms matched: 1 - Score: 100 - URL: [http://www.eugris.info/FurtherDescription.asp?e=27&Ca=2&Cy=0&T=Monitored Natural Attenuation](http://www.eugris.info/FurtherDescription.asp?e=27&Ca=2&Cy=0&T=Monitored%20Natural%20Attenuation)

12. [Site investigation](#) [Further Description]

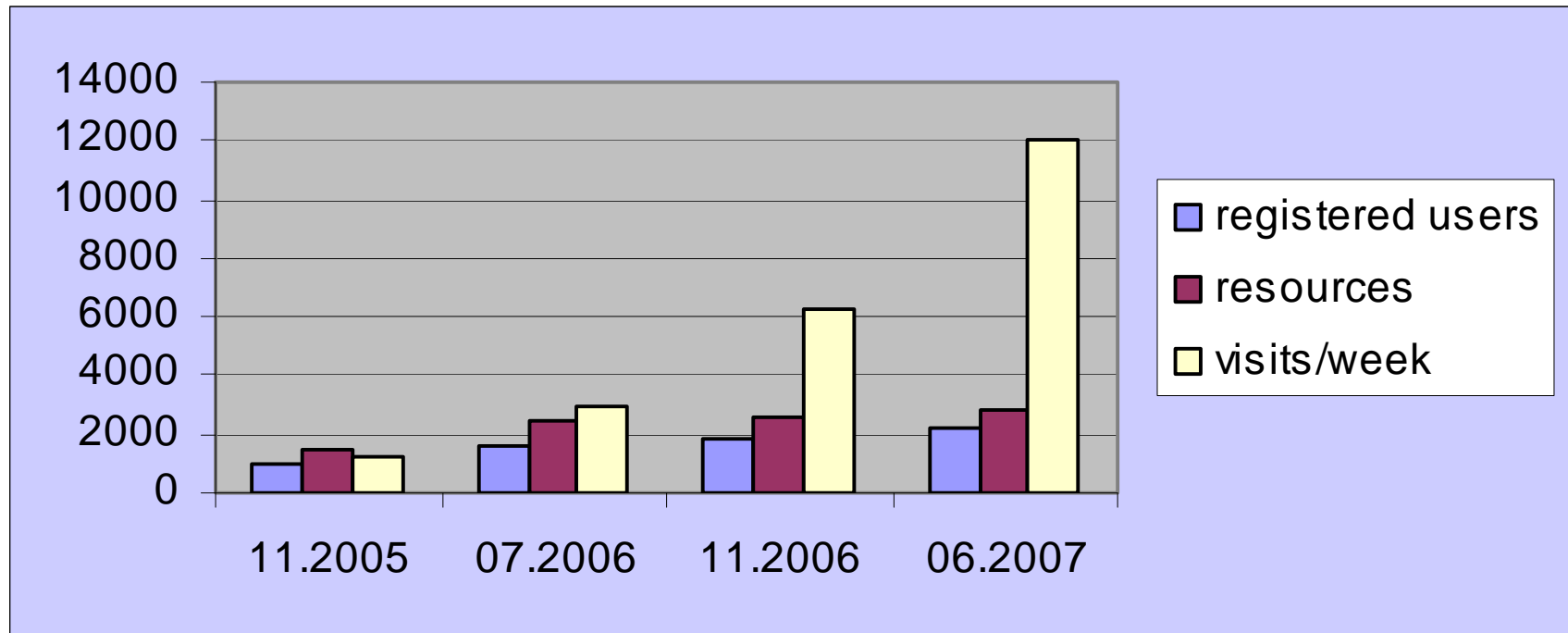
... analysis of materials. Overview Official guidance in the UK, such as 'CLR11 **Model** procedures for the management of land contamination ' published by Defra and the Environment Agency, ...

Terms matched: 1 - Score: 100 - URL: <http://www.eugris.info/FurtherDescription.asp?e=499&Ca=1&Cy=1&T=Site>

www.eugris.info — today

- ...includes recently:
 - >**80** general technical information zones
 - **6** country information zones
 - **2,700** resources (documents, software, hardware and web site listings)
 - **51** funding programmes listings and **220** R&D project listings
 - >**300** organisations listings
 - >**225** current news items as well as conference / training listings
 - A glossary of >**500** terms linked to national definitions and translations
 - Around **2,100** registered users from all over the world and many many more casual visitors interested in viewing its content without logging in.
 - (currently **40,000 – 50,000** sessions per month – as of May 2007, which is a high level of traffic, comparable with many commercial portals)

Development — step by step



Strategic alliances

This stage of development is not enough to generate income for all cost types (maintenance, operation, development, dissemination, etc.).

Therefore EUGRIS is cooperating with a couple of EU initiatives and projects based on **WIN — WIN** principles.

Examples : **EURODEMO, MOKKA, Common Forum ...**

Example Interface: Common Forum



Search

Archives

[April 2007](#)

Welcome to COMMON FORUM

The network of contaminated land policy makers and advisors from national ministries in EU memberstates and EFTA countries.

COMMON FORUM has adopted the following mission statement:

- being a platform for exchange of knowledge and experiences,
- establishing a discussion platform on policy, research, technical and managerial concepts of contaminated land,
- being a platform for initiating and following-up of international projects among members,
- offering an exchange of expertise to the European Commission and to European networks.

COMMON FORUM Secretariat:

Dr. Joop J. Vegter, Amsteldijk Zuid 167, 1189VM Amstelveen, The Netherlands.

INFORMATION: info@commonforum.eu

Common Forum Page on their server: www.commonforum.eu

ICCL Meeting, September 2007, Stockholm

Mirror “info-bank” in EUGRIS



Info-Bank hosted on EUGRIS

[Add Information](#)

[Common Forum home](#)

[EUGRIS home](#)

[EUGRIS Terms and conditions](#)



Highlight the terms you are interested in and then click **Narrow Search** or **Broad Search**.
A **Narrow Search** finds examples where all terms are matched.
A **Broad Search** finds examples from each of the categories highlighted.
You do not have to highlight terms in all boxes

Resource Type

- Any
- Legislation
- Policy documents
- Regulations
- Standards / protocols
- Guidance / decision support
- Registers, maps and statistics
- Glossaries
- Technical Publication
- Training / education

Origin

- Any
- European Union
- Denmark
- France
- Germany
- Hungary
- Italy
- Netherlands
- United Kingdom
- USA

Language

- Any
- Czech
- Danish
- Dutch / Flemish
- English
- French
- German

Subject

- Any
- Brownfields
- Contaminated land
- Contaminants
 - Benzene, toluene, ethylbenzene, and xylene
 - Chlorinated aliphatics
 - Heavy metals

CF mirror "info-BOX" in German – accesses same metadata



Common Forum
Info-BOX
(hosted on EUGRIS)

Eingabe von Informationen

[Common Forum - Startseite](#)

[EUGRIS - Startseite](#)

[EUGRIS Nutzungs-bestimmungen](#)



Markieren Sie die interessierenden Begriffe/Kriterien und **klicken** sie dann auf die gewünschte Suchfunktion.

Die **Einfache (Narrow) Suche** liefert nur Ergebnisse, die alle gewählten Kriterien erfüllt!
Mit der **Erweiterten (Broad) Suche** werden dagegen die Ergebnisse für jedes der gewählten Kriterien angezeigt!

Art der Information:

- Alle
- Gesetzgebung
- Rechtliche Dokumente
- Verordnungen, Vorschriften
- Normen / Standards
- Handbücher / Entscheidungshilfen
- Datenbanken, Karten, und Statistiken
- Glossare
- Studien, techn. Dokumente
- Lehrgang / Weiterbildung

Informationsquelle:

- Alle
- Europäische Kommission
- Dänemark
- Frankreich
- Deutschland
- Ungarn
- Italien
- Die Niederlande
- Vereinigtes Königreich
- USA

Informationen in:

- Alle
- Tschechisch
- Dänisch
- Holländisch/Flämisch
- Englisch
- Französisch
- Deutsch

Inhalt

- Alle
- Brachflächen
- Altlasten
- Schadstoffe, Kontaminanten
 - Benzol, Toluol, Ethylbenzol, Xylole
- Chlorierte aliphatische Kohlenwasserstoffe
- Schwermetalle

Thank you !



contact.....

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ICCL Meeting, September 2007, Stockholm

The background features a stylized, light blue figure with arms raised, set against a blue background with several white stars of varying sizes. The figure appears to be in a dynamic, celebratory pose. The stars are scattered around the figure, with one large star in the upper right and others of smaller sizes in the center and lower right.

EU GRIS