
 **EFAEP**
European Federation of Associations
of Environmental Professionals


Presentation of DBEP


DataBase of Environmental Professionals




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 **EFAEP** Preliminary remarks (1)
European Federation of Associations
of Environmental Professionals

1. The need for a Database of Experts as an EFAEP facility has been highlighted since the beginning (Dusseldorf, 2002);
2. During the last two General Assemblies, EFAEP members have discussed the need for a database of environmental professionals and experts (DBEP) and decided to give high priority to its set up;
3. The option of linking the existing databases of the Associations Members or giving access to the existing information has turned out to be not realistic;
4. On February 2005 the ExCo has approved the proposal submitted by AIAT & AISA and decided to fund the design and implementation of the DBEP (Levels 1 + 2) with 8500 euros;
5. After three months of hard work we are now able to introduce the structure and the functioning of the DBEP;

 **EFAEP** Summary
European Federation of Associations
of Environmental Professionals

1. Preliminary remarks
2. Goals of the database
3. Requirements for the DBEP
4. Implementation and costs
5. Roadmap of growth
6. Homeworks
7. DBEP demonstration

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 **EFAEP** Preliminary remarks (2)
European Federation of Associations
of Environmental Professionals

1. The proposed "DBEP system" is intended to become both a communication instrument, to be used by EFAEP for the promotion of activities among its individual members, and hopefully a source of income (through the attraction of new member association or through subscription fees paid by companies and by non-member individuals);
2. AIAT & AISA are playing a major role on the technical implementation of the DBEP **But**, besides the technical aspects, it is crucial a strong commitment by each Association aimed to:
 - a. support the developers on some critical aspects and choices (e.g. admission procedures, classification of expertises,...);
 - b. disseminate the DBEP among its members and among all its contacts (companies, public administration, etc.).

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Goals of the database

- INTERNAL USE → Facilitate a platform of active EFAEP members:**
to communicate directly with the members;
to facilitate exchange between the members (e.g. working groups);
to know what expertise is available (for answering to consultations, etc.);
to improve cooperation between member organisations, etc.
- EXTERNAL USE → Visualisation of and access to the expertise of environmental experts at the European level:**
to give the European environmental professionals a common platform;
where they can present their professional profile;
where they can get in contact to each other;
where clients and service providers can meet, etc.

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Implementation and costs (1)

The DBEP proposal

We have tried to overcome disadvantages of both options former considered in the discussion by:

- using a **classical CV approach** (although extended in some parts),
- creating an **"administration interface"** that can easily allow changes to the structure of the database,
- adopting an **effective full-text search engine** (E.A.S.E.: Environmental professionals Advanced Search Engine).

This option would then allow:

- professionals to copy-and-paste parts of their CV to the web form of their profile and to list their more relevant papers&projects;
- EFAEP Secretariat to add or change fields of the database, such as adding a new type of environmental expertise or a new type of profession;
- subscribers to profit from an easy-to-use but effective search tool. 7



Requirements for the DBEP

The system will have to:

1. be **affordable, reliable** and **secure**;
2. be **easy** and **cheap** to maintain;
3. be **open** and **flexible** enough to allow a continuous growth of features (with structure developments, integrations, extensions, etc.);
4. be based on a **direct management of personal data by each user**;
5. be **user-friendly** for both final users and for the system administrators (EFAEP Secretariat or webmaster);
6. allow an accurate management of **privacy issues**; in the system it should be clearly stated the aims for which personal information will be used and to whom it will be visible;
7. appear hopefully as an **attractive tool for professionals**: more useful, complete and reliable than any other website presently available on the internet.

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Implementation and costs (2)

Strategy of implementation:

We have decided to adopt a development strategy based on 3 steps, in order to ease a continuous verification of objectives and results and a full participation of all EFAEP members.

Choice of the supplier:

After comparison of 4 offers, we have decided to rely on a **team of free-lance programmers**, that can guarantee the gradual development (level 1, 2 and 3) of a brand new software, exactly responding to all our requests.

<u>Costs (estimated):</u>	Level 1	Level 2	Level 3
Investment (design, implementation, verification and testing)	3.000 €	4.700 €	5.200 €
O&M (hosting, maintenance, etc.)	/	800 €/y	2.000 €/y ₈



“Roadmap” of growth (1)

Level 1 (where we are now)

The first version of the system includes all the basic features required:

- Full design and implementation of the database structure;
- Full featured interface for user subscription;
- Management of profiles for individual and company users;
- Public and reserved search engine facilities;
- Implementation of a first classification version of environmental fields of expertise.

Main assets:

- Full management of strong privacy control,
- Possibility to create multilingual interface (one for each country)
- Management of multilingual CVs (including a “papers&projects” section)

We are very satisfied with the activity of the DBEP-developing team; the work has been constantly monitored by the task force. (about 300 email messages exchanged in 4 months!!)

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“Roadmap” of growth (3)

Level 3 (by May/June 2006)

A rich and fully innovative system (that should be promoted outside EFAEP with a strong marketing campaign), including:

- Graphical statistics reporting functions about profiles stocked in the database (for both internal and external use);
- Access statistics reporting functions;
- Improvement of the search engine capabilities;
- Implementation of “national branches”;

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“Roadmap” of growth (2)

Level 2 (by November/December 2005)

A fully functional system for internal use within EFAEP, including:

- Administration interfaces for local and central Secretariats (enable&disable members, modify the expertises tree and managing the foreseen bonus EFAEP services);
- Selection by each user of requested “bonus services” (receiving job offers, project proposals, EFAEP newsletters, ...);
- Implementation of the online user help system;
- Improvements to the user interface and to the overall graphical layout;
- Improvements to the classification system for expertises and education levels;
- Printing and PDF-exporting of reported CVs;
- Installation on a dedicated server and registration of the domain name (environmentalprofessionals.org?)

This level of development will allow the beginning of a wider testing phase: all our members will be invited to introduce their profiles in the system and so to fill up the database.

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Homeworks

In order to proceed with the development of the DBEP (completion of Level 2 and start of Level 3) **we need the commitment of all Member Associations.**

Each association should:

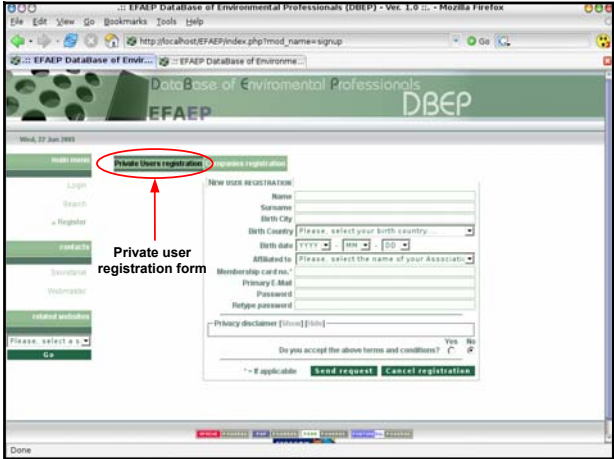
- indicate at least two representatives who will be involved in the tuning and testing of DBEP;
- contribute to the definition of the classifications systems included in DBEP (of expertises, education levels, ...);
- express preferences related to domain name, admission criteria and procedures (appropriate proposals will be produced by the DBEP team);
- be ready to disseminate the DBEP with all their members (target: 50% of the members filling their data in the DBEP) and with all the external contacts (i.e. through EEP magazines).

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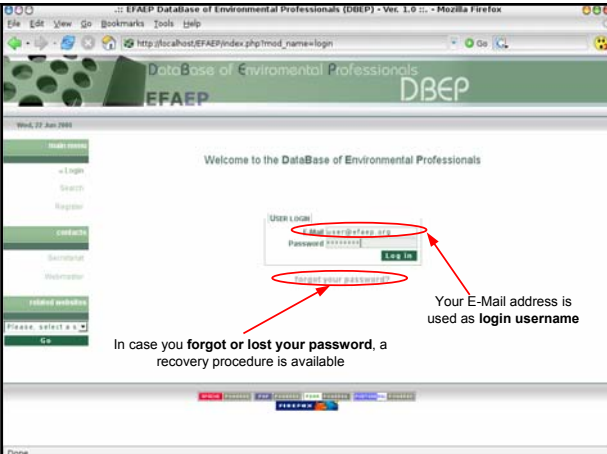


DBEP DEMONSTRATION

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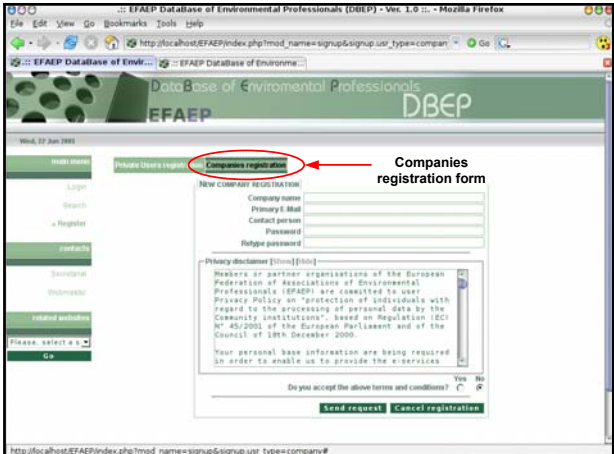


Private user registration form



Your E-Mail address is used as login username

In case you forgot or lost your password, a recovery procedure is available



Companies registration form

