



DLR Project Management Agency

Updating the

# Key Research Institutions Database

on the web portal [www.incrEAST.eu](http://www.incrEAST.eu)

## Background

### What?

The original "Key National Research Institutions" Database was implemented on the web portal incrEAST in 2009 under the IncoNet EECA project, which ran from 2008 – 2012. Other FP7 funded projects participated in feeding information into the database, namely: BILAT-RUS, BILAT-UKR, and ERA.NET RUS.

The "Key National Research Institutions" Database contains information about public or private research units, such as scientific institutes, national research centres, faculties/institutes of universities, independent laboratories or other similar organisations which are:

- nationally important and have sufficient research potential, reflected in international scientific publications, patents, or other outcome;
- have the capacity to implement joint research projects with EU MS/AC organisations (includes communication skills of scientists in English);
- even if not yet active in the research cooperation with EU, have unique regional research expertise of interest to potential European partners.

### Where?

Frontend (public): <http://www.increast.eu/en/523.php>

Backend (access to add and edit entries): <http://www.increast.eu/en/1001.php>



### Why?

Most of the information in the database has not been checked or updated since the original implementation in 2009. Especially info about contact persons becomes outdated rather quickly. Under the current projects their should also be a **new focus** on the **3 Societal Challenges: Health, Climate Change and Energy**. Related database entries should be **updated first**.

The reluctance to update earlier was partly due to the original online administration tool, which was very uncomfortable to work with. We have now made improvements which should allow for a much smoother and easier updating experience.

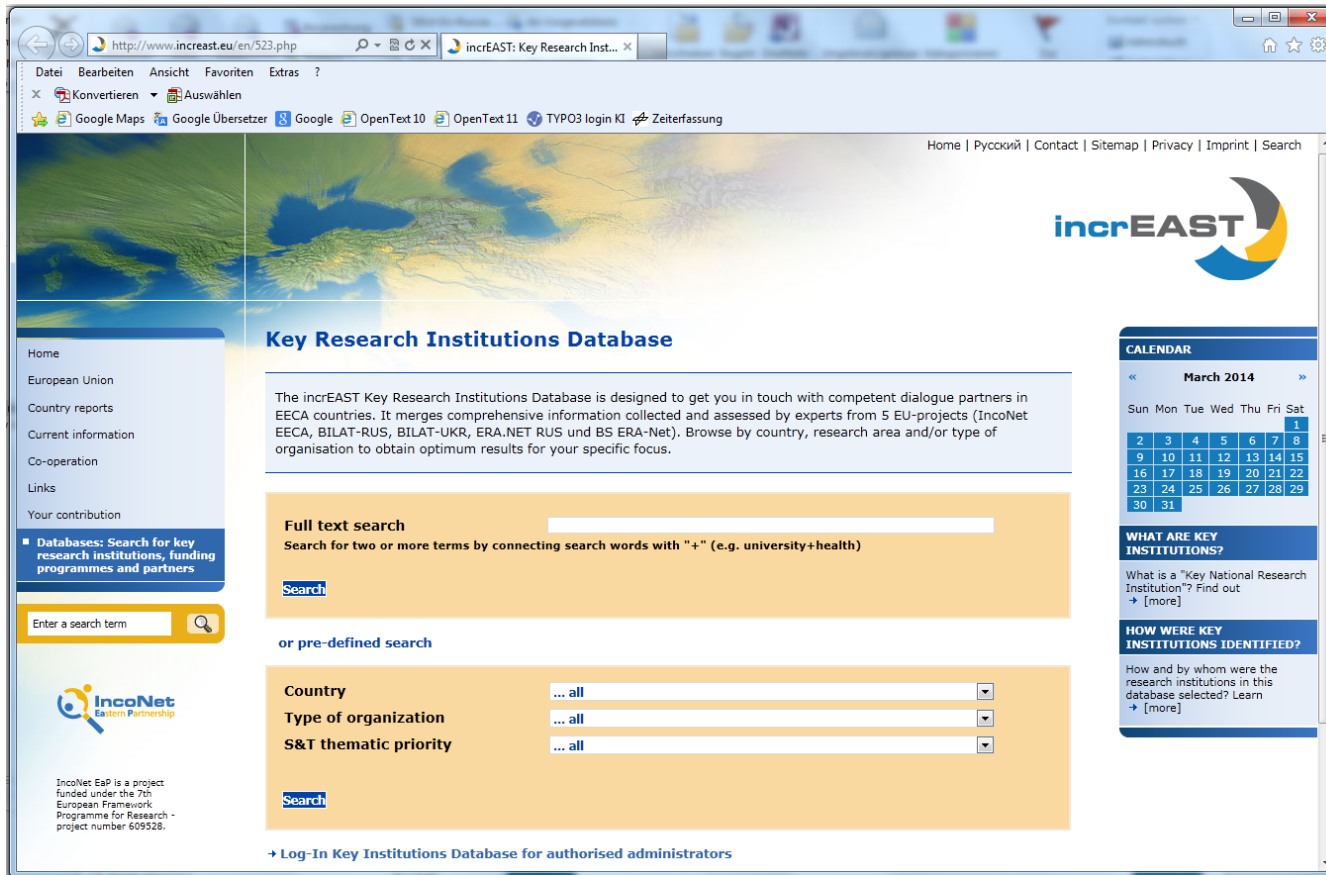
### Who?

**All regional IncoNet EaP and IncoNet CA project partners** are required to help with this task as per our Dow, WP6, Task 6.1 a).

Other partners /projects with expertise in EU-EECA science cooperation are cordially invited to join in, especially as Russia is not represented in the two projects that currently run incrEAST. **We already thank you for your readiness to support this joint effort!**

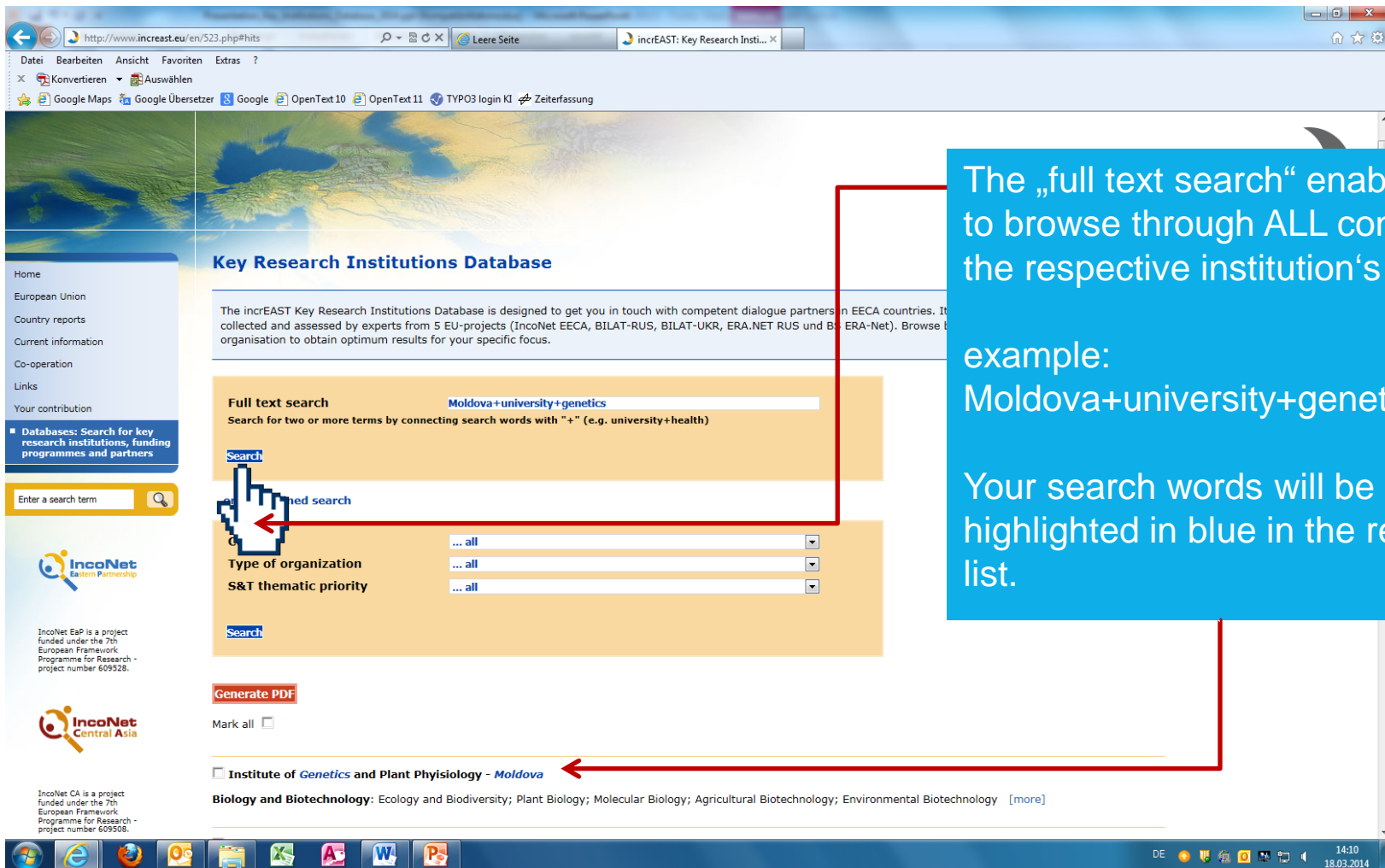
## Frontend

<http://www.increast.eu/en/523.php>



The screenshot shows the website interface for the Key Research Institutions Database. The browser address bar displays <http://www.increast.eu/en/523.php>. The page features a navigation menu with links for Home, European Union, Country reports, Current information, Co-operation, and Links. A sidebar on the left includes a search box and a section for 'Databases: Search for key research institutions, funding programmes and partners'. The main content area is titled 'Key Research Institutions Database' and contains a descriptive paragraph about the database's purpose. Below this, there are two search sections: 'Full text search' with a text input field and a 'Search' button, and 'or pre-defined search' with dropdown menus for 'Country', 'Type of organization', and 'S&T thematic priority', followed by another 'Search' button. A footer link reads 'Log-In Key Institutions Database for authorised administrators'. On the right side, there is a 'CALENDAR' for March 2014, a 'WHAT ARE KEY INSTITUTIONS?' section with a link to '[more]', and a 'HOW WERE KEY INSTITUTIONS IDENTIFIED?' section with a link to '[more]'. The DLR logo is visible in the top right corner of the page content.

## Frontend full text search



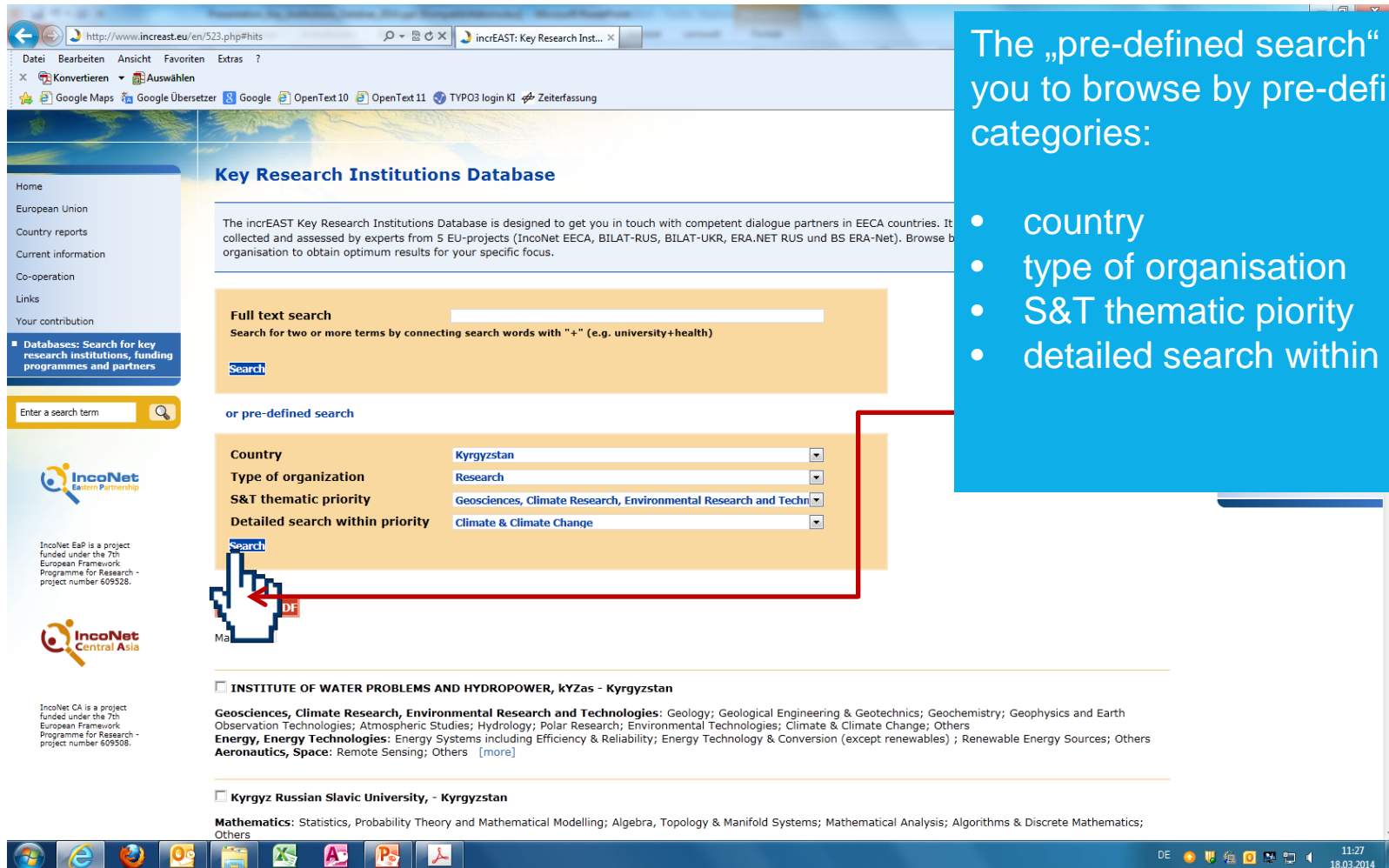
The screenshot shows the website interface for the Key Research Institutions Database. The search bar contains the text "Moldova+university+genetics". Below the search bar, there are filters for "Type of organization" and "S&T thematic priority", both set to "... all". A red box highlights the search input field and the search button. A red arrow points from the search button to the search results list below, which includes "Institute of Genetics and Plant Physiology - Moldova".

The „full text search“ enables you to browse through ALL content of the respective institution's profile.

example:  
Moldova+university+genetics

Your search words will be highlighted in blue in the results list.

## Frontend pre-defined search



The screenshot shows the website interface for the Key Research Institutions Database. The main content area is titled "Key Research Institutions Database" and includes a description of the database. Below this, there are two search sections: "Full text search" and "or pre-defined search". The "or pre-defined search" section contains four dropdown menus: "Country" (Kyrgyzstan), "Type of organization" (Research), "S&T thematic priority" (Geosciences, Climate Research, Environmental Research and Techn...), and "Detailed search within priority" (Climate & Climate Change). A red box highlights these dropdown menus, and a red arrow points from a blue mouse cursor icon to the "Search" button below them. The search results section shows two entries: "INSTITUTE OF WATER PROBLEMS AND HYDROPOWER, kYZas - Kyrgyzstan" and "Kyrgyz Russian Slavic University, - Kyrgyzstan".

Key Research Institutions Database

The incrEAST Key Research Institutions Database is designed to get you in touch with competent dialogue partners in EECA countries. It collected and assessed by experts from 5 EU-projects (IncoNet EECA, BILAT-RUS, BILAT-UKR, ERA.NET RUS und BS ERA-Net). Browse by organisation to obtain optimum results for your specific focus.

**Full text search**

Search for two or more terms by connecting search words with "+" (e.g. university+health)

**or pre-defined search**

Country: Kyrgyzstan  
Type of organization: Research  
S&T thematic priority: Geosciences, Climate Research, Environmental Research and Techn...  
Detailed search within priority: Climate & Climate Change

**INSTITUTE OF WATER PROBLEMS AND HYDROPOWER, kYZas - Kyrgyzstan**

**Geosciences, Climate Research, Environmental Research and Technologies:** Geology; Geological Engineering & Geotechnics; Geochemistry; Geophysics and Earth Observation Technologies; Atmospheric Studies; Hydrology; Polar Research; Environmental Technologies; Climate & Climate Change; Others

**Energy, Energy Technologies:** Energy Systems including Efficiency & Reliability; Energy Technology & Conversion (except renewables); Renewable Energy Sources; Others

**Aeronautics, Space:** Remote Sensing; Others [more]

**Kyrgyz Russian Slavic University, - Kyrgyzstan**

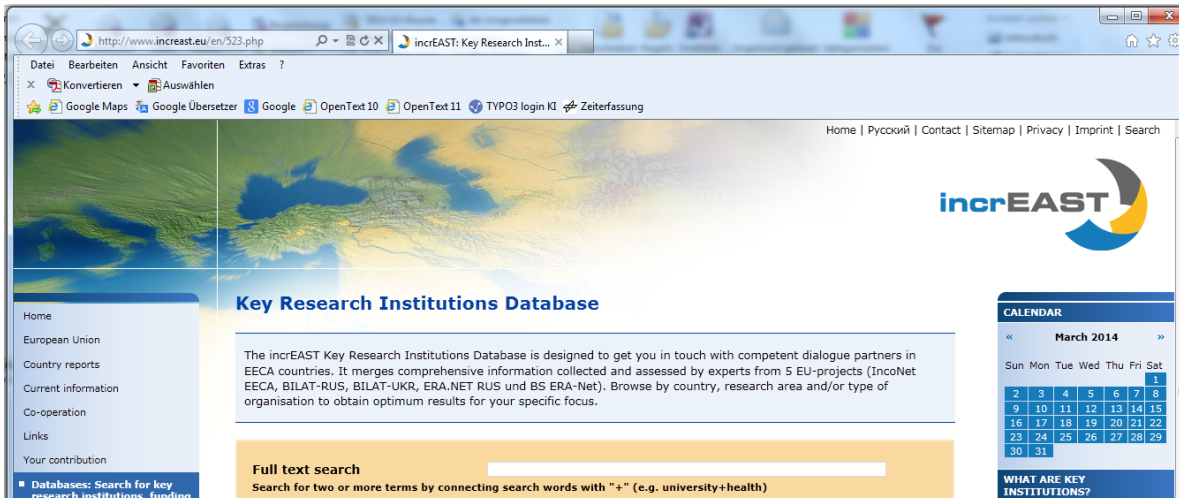
**Mathematics:** Statistics, Probability Theory and Mathematical Modelling; Algebra, Topology & Manifold Systems; Mathematical Analysis; Algorithms & Discrete Mathematics; Others

The „pre-defined search“ enables you to browse by pre-defined categories:

- country
- type of organisation
- S&T thematic priority
- detailed search within priority

## Frontend to Backend **log in**

<http://www.increast.eu/en/1001.php>



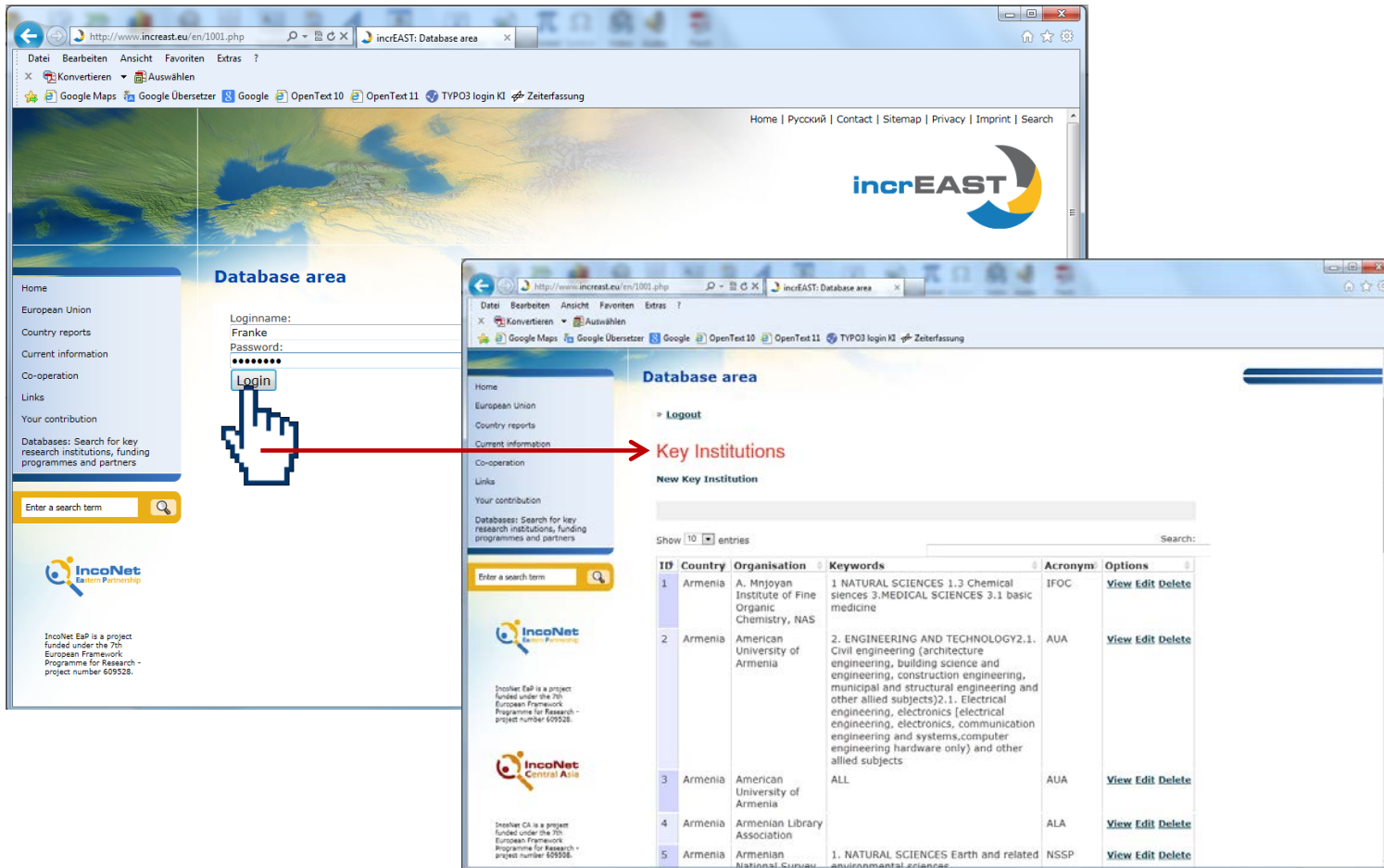
The screenshot shows the homepage of the incrEAST Key Research Institutions Database. The page features a navigation menu on the left, a main content area with a search section, and a calendar on the right. The search section includes a "Full text search" box and a "pre-defined search" section with dropdown menus for "Country", "Type of organization", and "S&T thematic priority". A red arrow points from the "Log-In Key Institutions Database for authorised administrators" link to the login page.



The screenshot shows the login page for the incrEAST Database area. The page features a navigation menu on the left, a main content area with a login form, and a calendar on the right. The login form includes fields for "Loginname:" and "Password:", and a "Login" button. A red arrow points from the "Log-In Key Institutions Database for authorised administrators" link to the login page.

## Backend log in

http://www.increast.eu/en/1001.php



The screenshot shows the increAST website interface. The top navigation bar includes links for Home, Русский, Contact, Sitemap, Privacy, and Imprint. The main content area is titled "Database area" and features a "Login" button. A red arrow points from the "Login" button to the "Key Institutions" section of the database.

**Database area**

Loginname: Franke  
Password: ●●●●●●  
[Login](#)

**Key Institutions**

**New Key Institution**

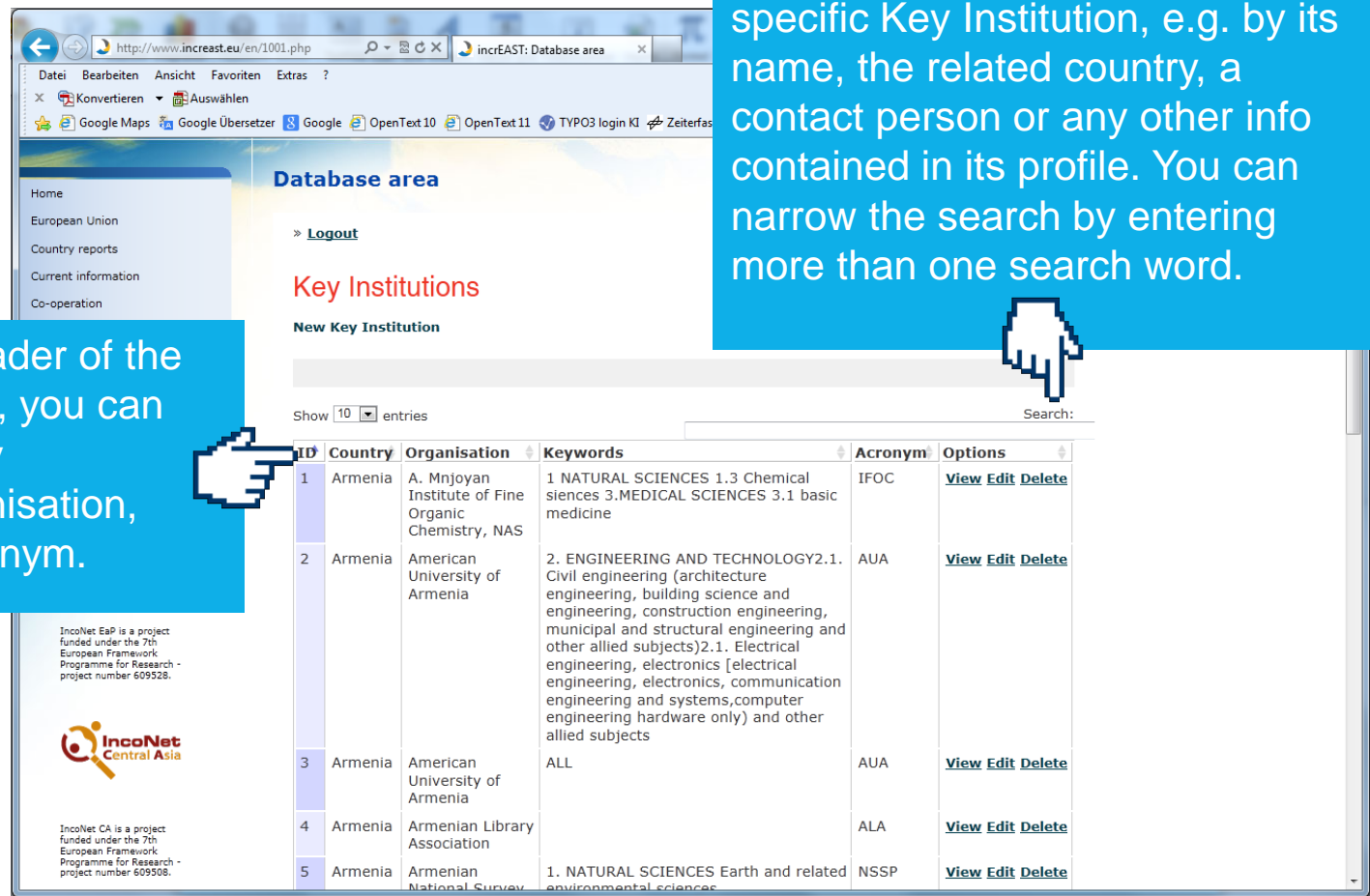
ID	Country	Organisation	Keywords	Acronym	Options
1	Armenia	A. Mnjoyan Institute of Fine Organic Chemistry, NAS	1. NATURAL SCIENCES 1.3 Chemical sciences 3.MEDICAL SCIENCES 3.1 basic medicine	IFOC	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
2	Armenia	American University of Armenia	2. ENGINEERING AND TECHNOLOGY2.1. Civil engineering (architecture engineering, building science and engineering, construction engineering, municipal and structural engineering and other allied subjects)2.1. Electrical engineering, electronics [electrical engineering, electronics, communication engineering and systems, computer engineering hardware only] and other allied subjects	AUA	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
3	Armenia	American University of Armenia	ALL	AUA	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
4	Armenia	Armenian Library Association		ALA	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
5	Armenia	Armenian National Library	1. NATURAL SCIENCES Earth and related environmental sciences	NSSP	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>

## Backend edit existing Key Institution | step: 1 sort list/ find entry

http://www.increast.eu/en/1001.php

Use the search field to find a specific Key Institution, e.g. by its name, the related country, a contact person or any other info contained in its profile. You can narrow the search by entering more than one search word.

By clicking the header of the respective column, you can sort the content by ID, Country, Organisation, Keywords, or Acronym.

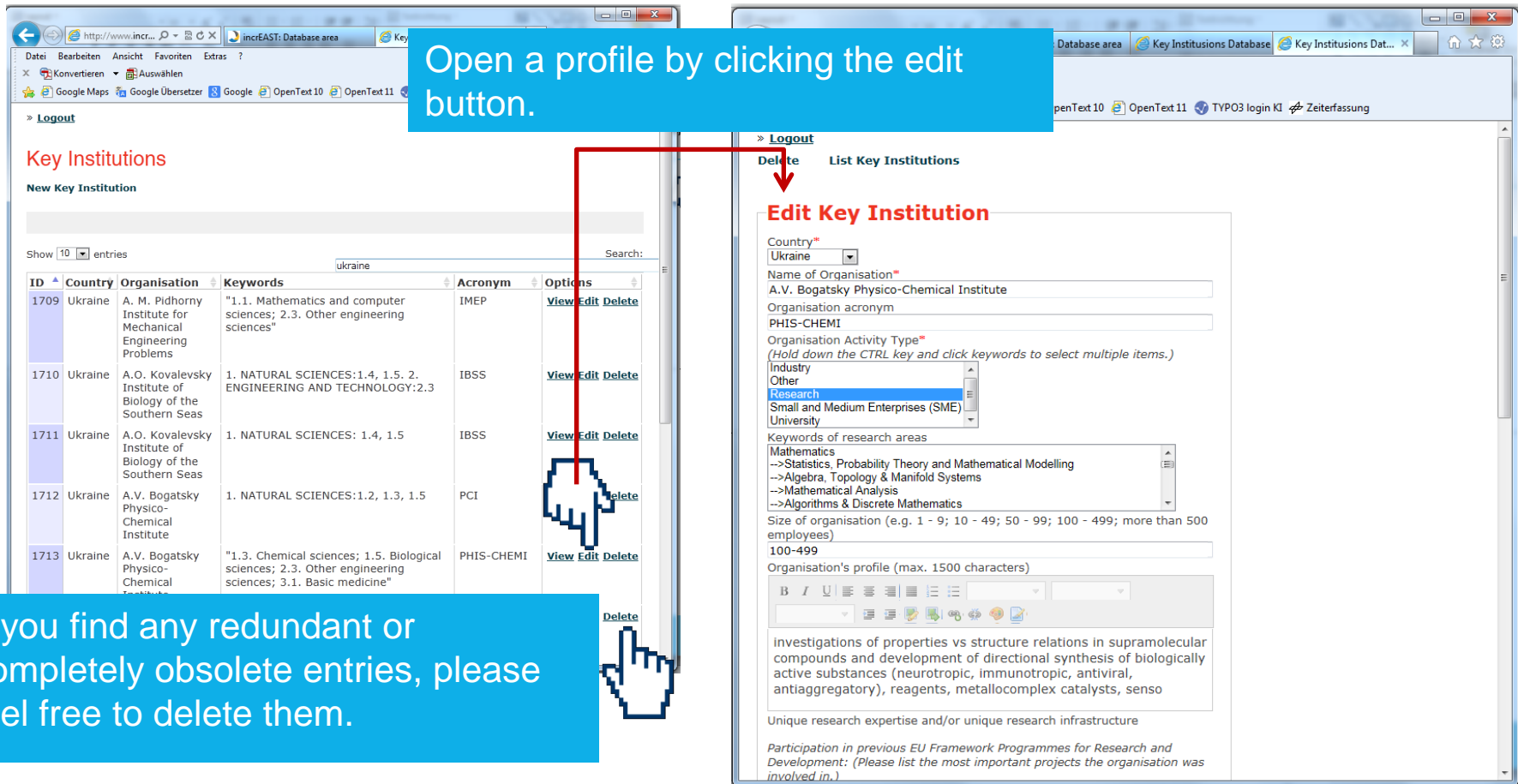


The screenshot shows a web browser window with the URL <http://www.increast.eu/en/1001.php>. The page title is "Database area" and it includes a navigation menu on the left with links for Home, European Union, Country reports, Current information, and Co-operation. The main content area is titled "Key Institutions" and features a "New Key Institution" form. Below the form is a table of existing institutions. The table has columns for ID, Country, Organisation, Keywords, Acronym, and Options. A search bar is located above the table, and a "Show 10 entries" dropdown is visible. A hand cursor is pointing to the "ID" column header, indicating that clicking it will sort the list by ID.

ID	Country	Organisation	Keywords	Acronym	Options
1	Armenia	A. Mnjoyan Institute of Fine Organic Chemistry, NAS	1 NATURAL SCIENCES 1.3 Chemical sciences 3.MEDICAL SCIENCES 3.1 basic medicine	IFOC	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
2	Armenia	American University of Armenia	2. ENGINEERING AND TECHNOLOGY2.1. Civil engineering (architecture engineering, building science and engineering, construction engineering, municipal and structural engineering and other allied subjects)2.1. Electrical engineering, electronics [electrical engineering, electronics, communication engineering and systems, computer engineering hardware only) and other allied subjects	AUA	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
3	Armenia	American University of Armenia	ALL	AUA	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
4	Armenia	Armenian Library Association		ALA	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
5	Armenia	Armenian National Survey	1. NATURAL SCIENCES Earth and related environmental sciences	NSSP	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>

## Backend edit existing Key Institution | step: 2 edit entry

http://www.increast.eu/en/1001.php



Open a profile by clicking the edit button.

If you find any redundant or completely obsolete entries, please feel free to delete them.

ID	Country	Organisation	Keywords	Acronym	Options
1709	Ukraine	A. M. Pldhorny Institute for Mechanical Engineering Problems	"1.1. Mathematics and computer sciences; 2.3. Other engineering sciences"	IMEP	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
1710	Ukraine	A.O. Kovalevsky Institute of Biology of the Southern Seas	1. NATURAL SCIENCES:1.4, 1.5. 2. ENGINEERING AND TECHNOLOGY:2.3	IBSS	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
1711	Ukraine	A.O. Kovalevsky Institute of Biology of the Southern Seas	1. NATURAL SCIENCES: 1.4, 1.5	IBSS	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
1712	Ukraine	A.V. Bogatsky Physico-Chemical Institute	1. NATURAL SCIENCES:1.2, 1.3, 1.5	PCI	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
1713	Ukraine	A.V. Bogatsky Physico-Chemical Institute	"1.3. Chemical sciences; 1.5. Biological sciences; 2.3. Other engineering sciences; 3.1. Basic medicine"	PHIS-CHEMI	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>

**Edit Key Institution**

Country\*  
Ukraine

Name of Organisation\*  
A.V. Bogatsky Physico-Chemical Institute

Organisation acronym  
PHIS-CHEMI

Organisation Activity Type\*  
(Hold down the CTRL key and click keywords to select multiple items.)  
Industry  
Other  
**Research**  
Small and Medium Enterprises (SME)  
University

Keywords of research areas  
Mathematics  
-->Statistics, Probability Theory and Mathematical Modelling  
-->Algebra, Topology & Manifold Systems  
-->Mathematical Analysis  
-->Algorithms & Discrete Mathematics

Size of organisation (e.g. 1 - 9; 10 - 49; 50 - 99; 100 - 499; more than 500 employees)  
100-499

Organisation's profile (max. 1500 characters)

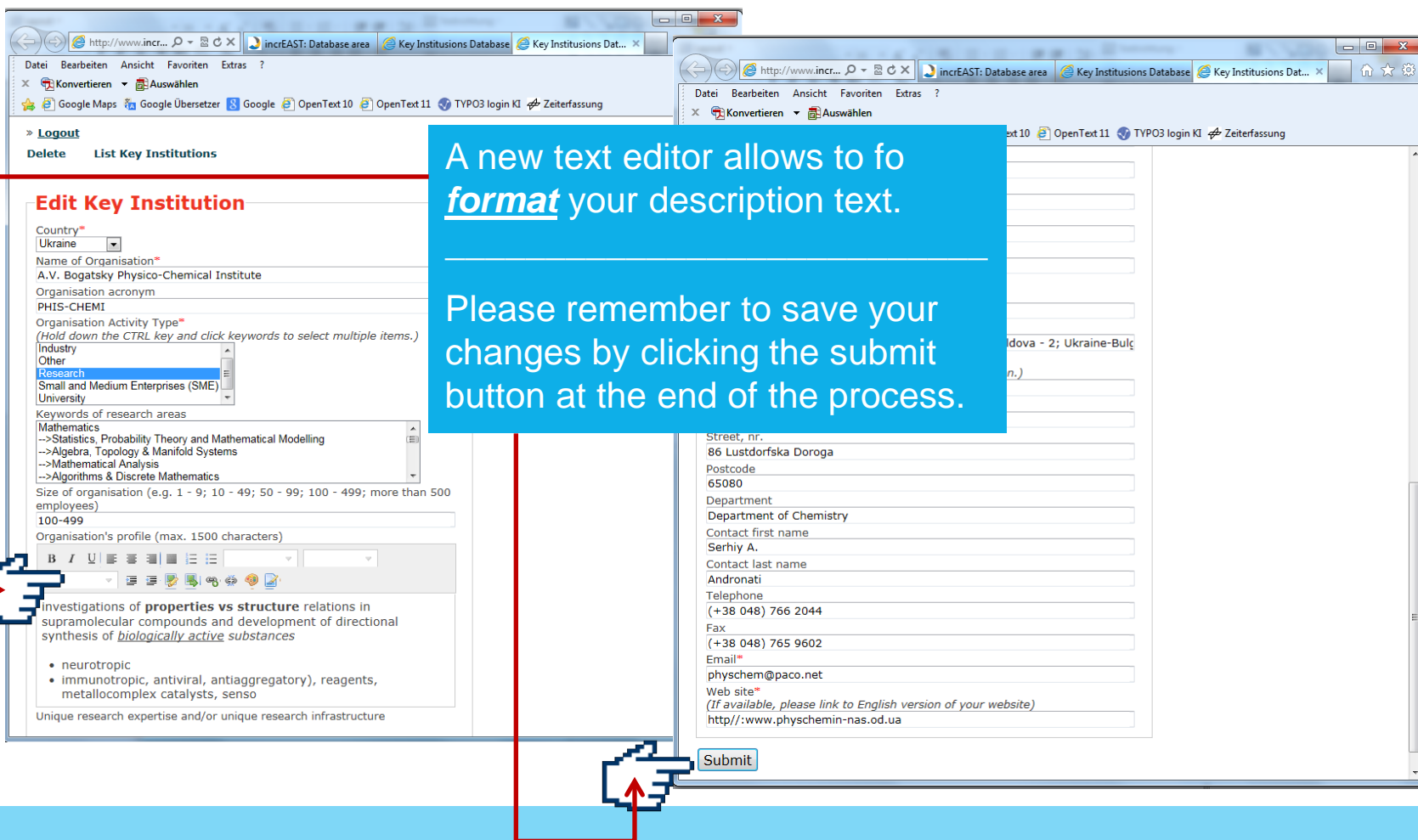
investigations of properties vs structure relations in supramolecular compounds and development of directional synthesis of biologically active substances (neurotropic, immunotropic, antiviral, antiaggregatory), reagents, metallocomplex catalysts, senso

Unique research expertise and/or unique research infrastructure

Participation in previous EU Framework Programmes for Research and Development: (Please list the most important projects the organisation was involved in.)

## Backend edit existing Key Institution | step: 2 edit entry, save changes

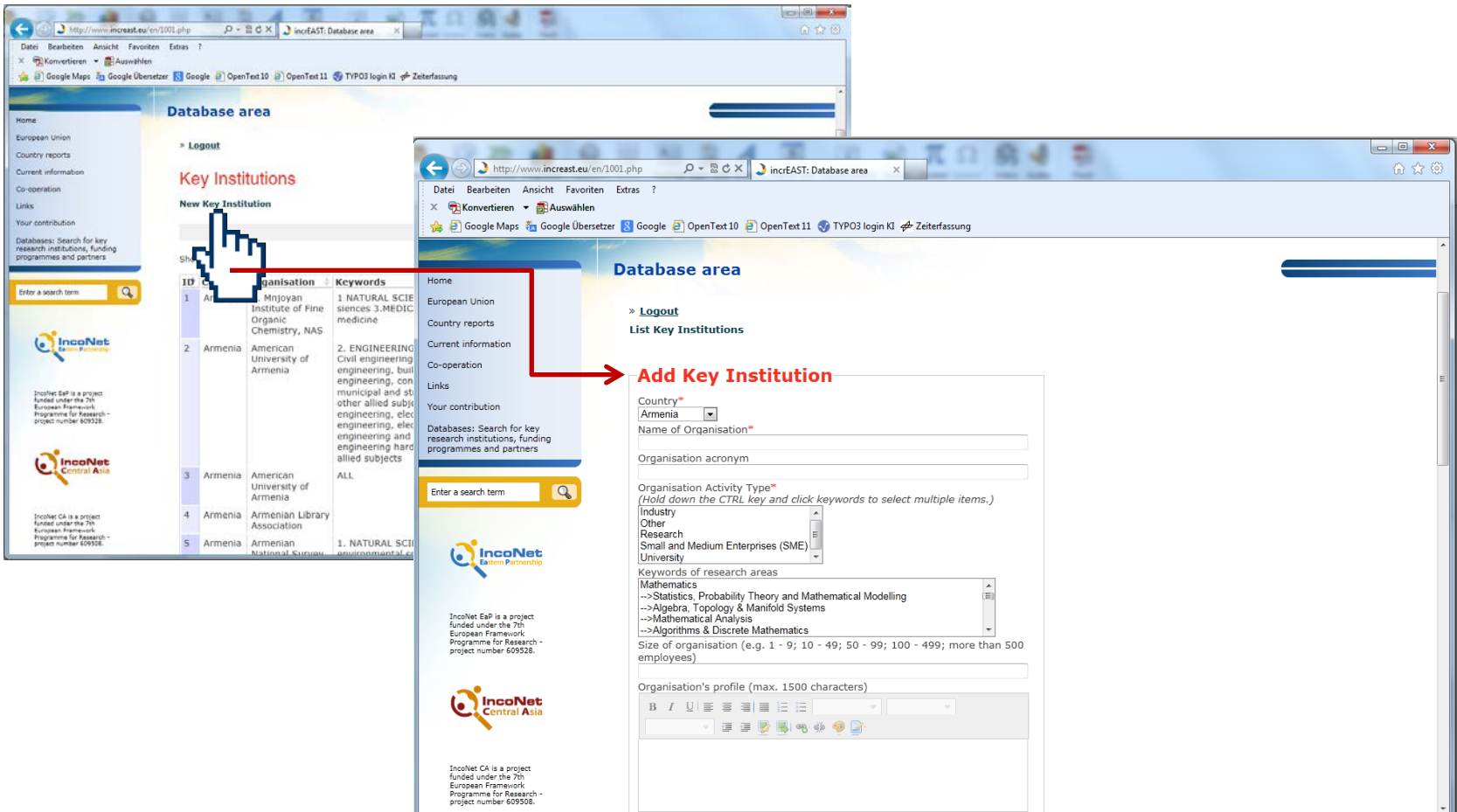
http://www.increast.eu/en/1001.php



The screenshot shows a web browser window displaying the 'Edit Key Institution' form. The form includes fields for Country (Ukraine), Name of Organisation (A.V. Bogatsky Physico-Chemical Institute), Organisation acronym (PHIS-CHEMI), Organisation Activity Type (Research), Keywords of research areas (Mathematics, Statistics, Probability Theory and Mathematical Modelling, Algebra, Topology & Manifold Systems, Mathematical Analysis, Algorithms & Discrete Mathematics), Size of organisation (100-499), and Organisation's profile (max. 1500 characters). A text editor overlay is positioned over the profile field, containing the text: 'Investigations of **properties vs structure** relations in supramolecular compounds and development of directional synthesis of *biologically active substances*' followed by a bulleted list: 'neurotropic', 'immunotropic, antiviral, antiaggregatory), reagents, metallocomplex catalysts, senso'. A red box highlights the text editor and the 'Submit' button. A blue callout box contains the text: 'A new text editor allows to fo format your description text.' and 'Please remember to save your changes by clicking the submit button at the end of the process.'

## Backend add new Key Institution

<http://www.increast.eu/en/1001.php>



The image displays two screenshots of the IncoNet website's backend interface for adding a new key institution.

**Top Screenshot: List Key Institutions**

ID	Country	Organisation	Keywords
1	Armenia	Minjovan Institute of Fine Organic Chemistry, NAS	1. NATURAL SCIENCES 3.MEDIC. medicine
2	Armenia	American University of Armenia	2. ENGINEERING Civil engineering, engineering, buil engineering, con municipal and st other allied subj engineering, elec engineering, elec engineering and engineering hard allied subjects
3	Armenia	American University of Armenia	ALL
4	Armenia	Armenian Library Association	
5	Armenia	Armenian National Surve	1. NATURAL SCI

**Bottom Screenshot: Add New Key Institution Form**

Country: Armenia

Name of Organisation: \_\_\_\_\_

Organisation acronym: \_\_\_\_\_

Organisation Activity Type: (Hold down the CTRL key and click keywords to select multiple items.)

Industry: [Dropdown menu]

Other: [Dropdown menu]

Research: [Dropdown menu]

Small and Medium Enterprises (SME): [Dropdown menu]

University: [Dropdown menu]

Keywords of research areas: [Text area]

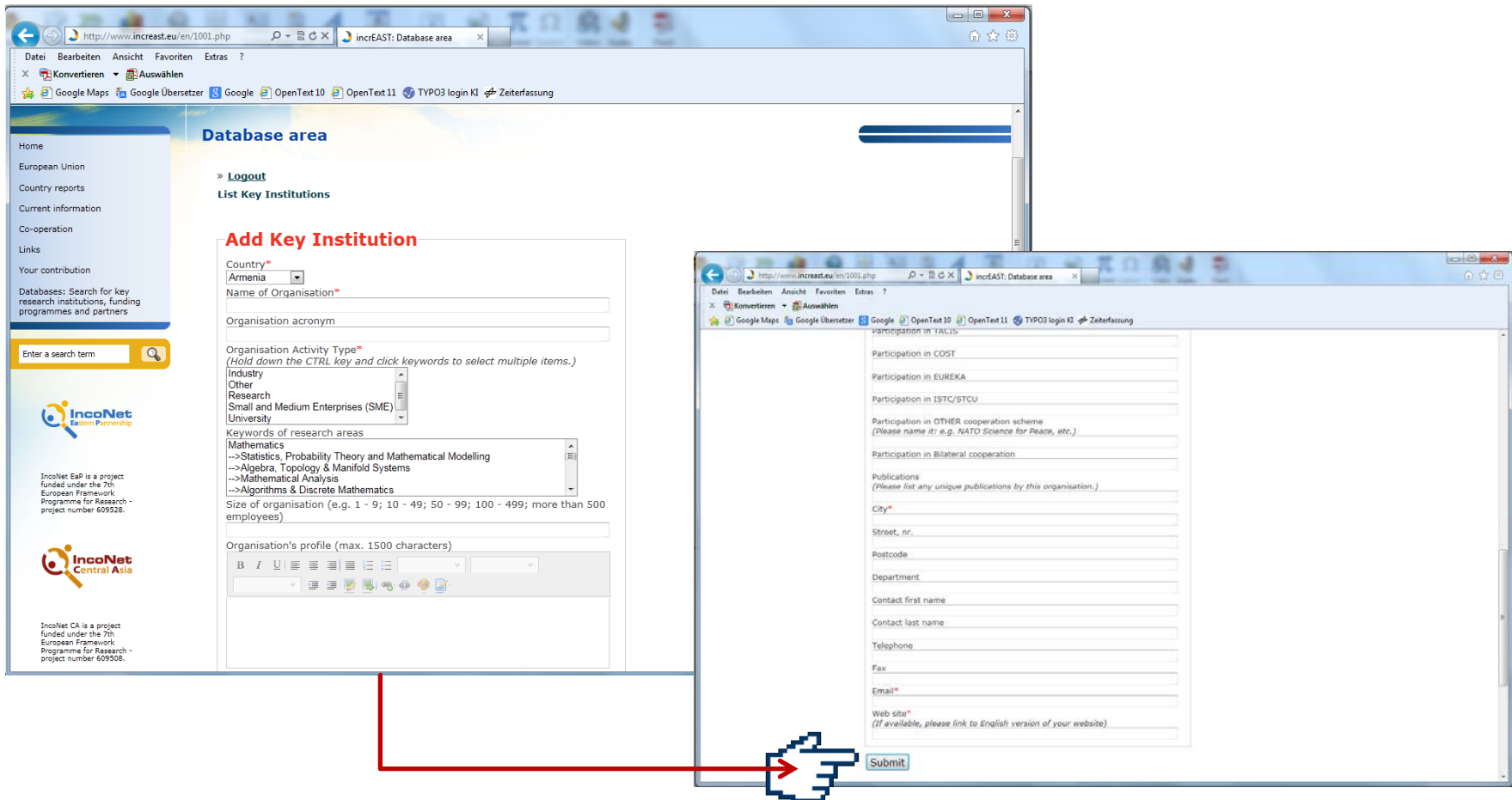
Mathematics: [List of keywords: -->Statistics, Probability Theory and Mathematical Modelling; -->Algebra, Topology & Manifold Systems; -->Mathematical Analysis; -->Algorithms & Discrete Mathematics]

Size of organisation (e.g. 1 - 9; 10 - 49; 50 - 99; 100 - 499; more than 500 employees): [Text area]

Organisation's profile (max. 1500 characters): [Text area]

## Backend add new Key Institution

<http://www.increast.eu/en/1001.php>



The screenshot shows the 'Add Key Institution' form in the backend system. The form includes the following fields and options:

- Country\*: Armenia
- Name of Organisation\*
- Organisation acronym
- Organisation Activity Type\* (Hold down the CTRL key and click keywords to select multiple items.):
  - Industry
  - Other
  - Research
  - Small and Medium Enterprises (SME)
  - University
- Keywords of research areas:
  - Mathematics
    - >Statistics, Probability Theory and Mathematical Modelling
    - >Algebra, Topology & Manifold Systems
    - >Mathematical Analysis
    - >Algorithms & Discrete Mathematics
- Size of organisation (e.g. 1 - 9; 10 - 49; 50 - 99; 100 - 499; more than 500 employees)
- Organisation's profile (max. 1500 characters):
  - Rich text editor with formatting options (Bold, Italic, Underline, Text color, Background color, Bulleted list, Numbered list, Indent, Outdent, Link, Unlink, Undo, Redo, Print, Help).

On the right side of the form, there are several checkboxes for participation in various programs and schemes:

- Participation in ISRLTS
- Participation in COST
- Participation in EUREKA
- Participation in ISTC/STCU
- Participation in OTHER cooperation scheme (Please name it: e.g. NATO Science for Peace, etc.)
- Participation in Bilateral cooperation
- Publications (Please list any unique publications by this organisation.)
- City\*
- Street, nr.
- Postcode
- Department
- Contact first name
- Contact last name
- Telephone
- Fax
- Email\*
- Web site\* (If available, please link to English version of your website)

A red arrow points from the 'Submit' button to the 'Add Key Institution' title.

## Next steps

### Need access?

The following persons currently have access to the backend of the database (please let us know, if you need a password):

ID	Name	Group	Status	Actions
1	admin	Administrator	Active	<a href="#">Activate/Deactivate/Delete</a>
5	Josten	Administrator	Active	<a href="#">Activate/Deactivate/Delete</a>
7	Arzumanyan	User	Active	<a href="#">Activate/Deactivate/Delete</a>
8	Meerovskaya	User	Active	<a href="#">Activate/Deactivate/Delete</a>
14	Pikalova	User	Active	<a href="#">Activate/Deactivate/Delete</a>
15	Komilova	User	Active	<a href="#">Activate/Deactivate/Delete</a>
16	Mukanova	User	Active	<a href="#">Activate/Deactivate/Delete</a>
17	Dovlet	User	Active	<a href="#">Activate/Deactivate/Delete</a>
19	Franke	Administrator	Active	<a href="#">Activate/Deactivate/Delete</a>
21	Mazurin	User	Active	<a href="#">Activate/Deactivate/Delete</a>
24	Koval	User	Active	<a href="#">Activate/Deactivate/Delete</a>
26	Yashenkov	User	Active	<a href="#">Activate/Deactivate/Delete</a>
27	Rathske	User	Active	<a href="#">Activate/Deactivate/Delete</a>
28	Rieger	Administrator	Active	<a href="#">Activate/Deactivate/Delete</a>
30	Robertz	User	Active	<a href="#">Activate/Deactivate/Delete</a>

If you do not have access yet, please let us know, who in your organisation will work with the database, and we will provide them with a **user name** and **password**.

### Update until when?

This is a continuous task, running over the whole lifespan of the projects.

However, we would like to **present first results** of the updating efforts at the **Management Board Meeting in May 2014**.

We will first check for updates and send out a reminder at the end of April.

### Can't we just...

... send DLR an MS Excel sheet/ Word document with our updates and they upload the info to the database? **Sorry, but no.**

### Help needed?

Please do not hesitate to get in touch with us, if you have any technical problems or questions about the functionality of the database administration tool: [stephanie.franke@dlr.de](mailto:stephanie.franke@dlr.de) or [simon.rieger@dlr.de](mailto:simon.rieger@dlr.de).



DLR Project Management Agency

**thank you for your attention!  
any questions?**

scientific/ content related: [maria.josten@dlr.de](mailto:maria.josten@dlr.de)

technical support:

[stephanie.franke@dlr.de](mailto:stephanie.franke@dlr.de)

[simon.rieger@dlr.de](mailto:simon.rieger@dlr.de)