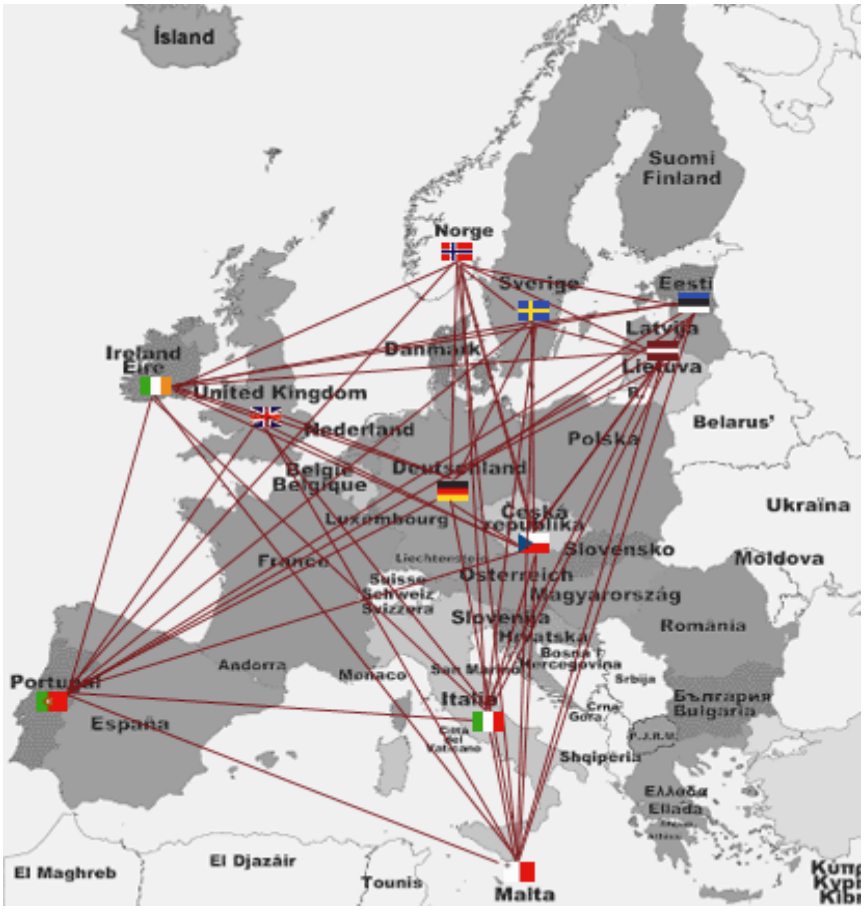
EU Exc@rt
Certifying Expertise in European Explosives Sector

EUExNet
European Explosives Network
for Explosive education and Certification of skills

EUExNet December News 2011 Newsletter number 8

1. The Network for the European Explosives sector is in operation!



2. In order to reach your national EUExcert Node just press the flag

EUExNet Partners

EUExcert Czech
EUExcert Estonia
EUExcert Germany
EUExcert Ireland
EUExcert Italy
EUExcert Latvia
EUExcert Malta
EUExcert Norway
EUExcert Portugal
EUExcert Sweden
EUExcert UK

3. The Italian EUExcert website

From Nitrex

We are pleased to inform you that the new Italian EU-EUExcert website is online (www.euexcert.it).

The new website www.euexcert.it wants to be the benchmark, constantly updated, for all those working in the field of explosives, in Italy and abroad.

Inside You can find interesting information about promotional and institutional activities of the project EU-Excert in Europe presentation of academic papers in international conferences and links to the different European partners, in addition you can find information on current legislation and regulations in Italy.

There is also a special education section, with a list of EUEXCERT "Handbooks", training courses, publications, templates, explosives safety data sheets and other useful documents for the worker of the mining sector.

TEAM Nitrex

EU Excert
Certifying Expertise in European Explosives Sector

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EXPLOSIVE ENGINEERING

Il Progetto EU-Excert

La comprensione della scienza e della tecnologia degli esplosivi e le competenze per sfruttarle sono fondamentali per mantenere elevati standard di competenza nel settore della sicurezza e per garantire la competitività dell'industria europea.

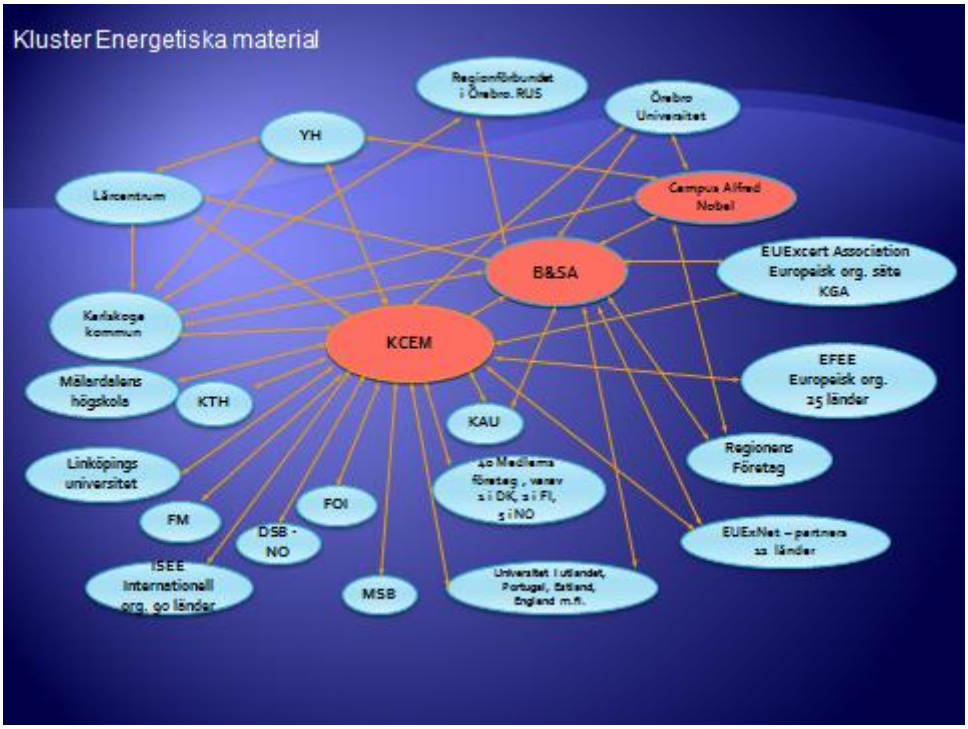
Una conseguenza del progressivo deterioramento di queste competenze è l'aumento degli incidenti con gli esplosivi. Inoltre c'è la percezione che il livello di preparazione degli addetti ai lavori in questo settore, in Europa, si stia riducendo.

In parecchi stati membri, la maggior parte del personale con più esperienza e competenza è già pensionato o prossimo alla pensione.

From behind, left: Erik Nilsson, Olga Mutere, Frederic Boguo, Ingo Valgma, Ken Cross, Andris Melkers, Hanne Randle, Karolina Garbaliauskaite, Milos Ferjencik, Hans Wallin, Ingrid Wiese'gren, Ashley Haslett, Mara Battocchio, Janis Jakuss-Kreituss, Roberto Folchi and José Cois.

3. Emerging Explosives Cluster in Sweden

Dr Hanne Randle , well known from the from the long work with the EUExcert and EUExNet projects is appointed project leader for Business and Science Arena in Karlskoga. Hanne is now preparing the creating a new Swedish Cluster for the Swedish explosive sector



4. Some news from Germany

Nominated to people to represent national EUExcert nodes – 30/11/2010

Chairman of the group:

Mr. Jörg Rennert, Dresdner Sprengschule GmbH

Members of the group:

Mr. Dr. Frank Hammelmann, ORICA Mining Services

Mr. Rolf Landmann, EPC Deutschland Sprengtechnik GmbH

Mr. Manfred Dax, sprewa Sprengmittel GmbH

Mr. Friedhelm Landgraf, LHS Germany GmbH

Mr. Walter Werner, Sachverständiger für Bauwerkssprengungen

Link for EUExNet Partners:

EUExcert Germany: http://www.sprengschule-dresden.de/index.php?entry_id=196

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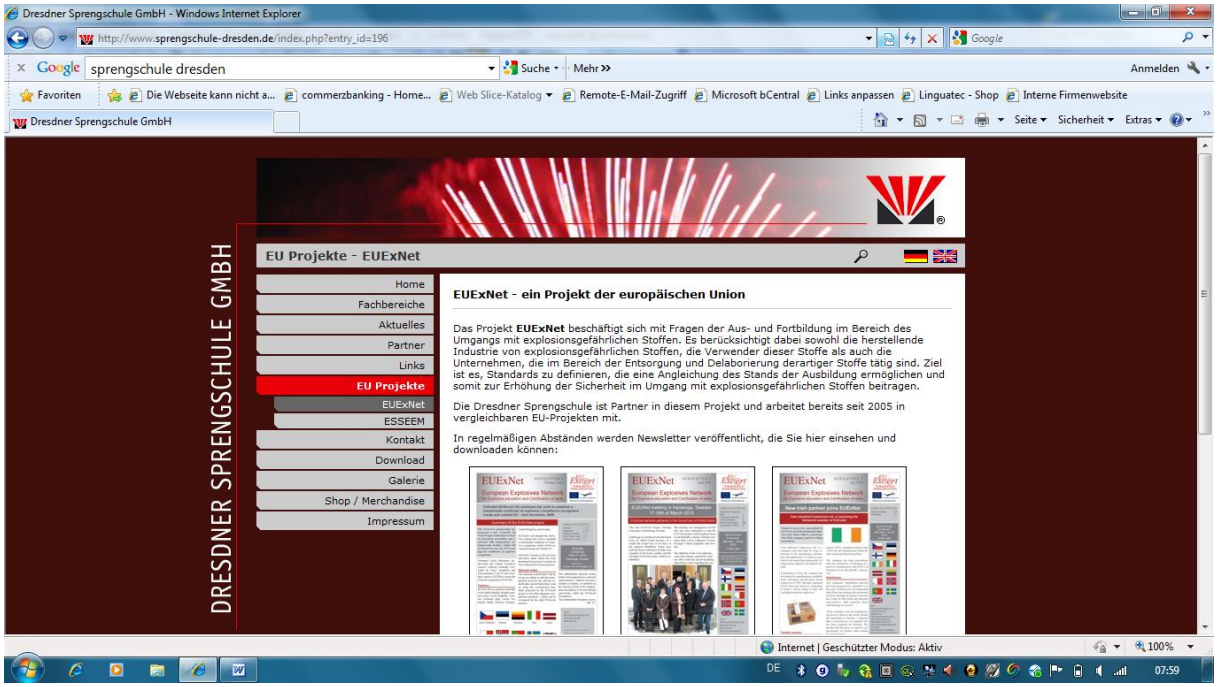

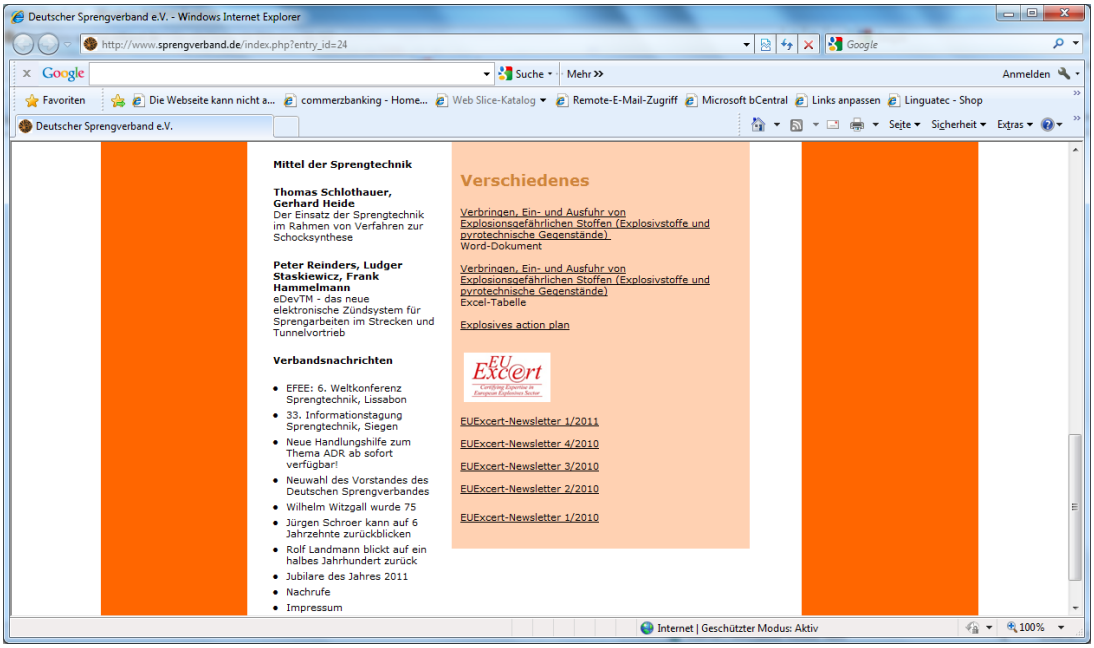

5. EUExcert United Kingdom

Progress continuing- by Kenneth Cross

EUExcert UK continues to grow – Explosive Risk Management has joined and ISSEE has requested Articles of Association for consideration. This growth demonstrates the validity of the aims of EUExcert – to improve explosives safety through demonstrable competence and to enhance the mobility of explosives workers in Europe through the development and introduction of common occupational standards and certification.

Neither the EUExcert UK Board nor EUExcert Association have identified any new funding stream from Europe so the current plan of achieving as many of the aims of the Association at no cost and by voluntary action will prevail. Despite there being no direct financial support, members of EUExcert UK continue to develop the use of NOS and NVQ/QCF.

The SSB and SSSG have both met since the Lisbon project meeting and been informed of the impending end of EUExNet project; both bodies remain supportive of the aims of EUExcert. Allan Hinton, a member of EUExcert UK Board who is the Development Office for Explosives Skills Programme Manager, funded by the SSSG and working through the IExpE, has been working hard on the coincident aims of the SSSG, SSB and EUExcert. He attended the 2nd International Conference on Explosives Education and Certification of Skills with Ken Cross, the 7th OME symposium, the MOD Maritime Explosives Conference, and the Explosives Disposal Processes Working Group which has created Industry endorsed role profiles for the 'Disposal' function, which we hope to place on the IExpE website for others to use. Work is ongoing about looking at other role profiles in functions such as manufacturing and range safety. He also had meetings with the HSE, MPQC (http://www.mp-qc.org/) and Constructions Skills (CSkills-regarding demolitions [http://www.cskills.org/]) with the interest of sharing best practice across other segments of the UK explosives sector.

We are working with COGENT (http://www.cogent-ssc.com/), the Sector Skills Council that is the custodian of the NOS for ESA, to get them to include the explosives sector on their website and to assist in obtaining government funding to be able to review/update the existing ESA NOS's, fund and support the development of explosive role profiles linked to possible future Cogent Gold Standards and general training/funding opportunities. Allan Hinton is also working with Cogent to do some market intelligence mapping of the explosives sector and will be looking to send out questionnaires in the new year.

Future Development:

- The mapping of employer internal/external training provision and the standardization of ESA related training to ESA NOS
- working with employers/training organisations to provide Explosives Manufacturing based training interventions
- ESA related CPD events
- develop working relationships with other explosive related areas – firework industry, demolition, quarrying, re-enactment, pyrotechnics etc.
- Mapping IExpE membership criteria to NOS so that training providers can more easily have their training endorsed by the Institute as meeting some of the membership requirements.

All in all, the training and skills development requirements of the UK explosives sector and the aims of EUExcert continue to match each other in most areas. It is therefore a relatively simple matter for EUExcert UK to feed the European dimension into the normal business of the SSB and SSSG.

www.iexpe.org or www.euexcert.uk

6. College of higher vocational education in at campus Alfred Nobel in Karlskoga

Initiated by the EUExcert project and KCEM

From the fall term of 2011 there is a new, unique high vocational education in Karlskoga –"Process technician within energetic materials, explosive and flammable substances" in Karlskoga

Campus Alfred Nobel in Karlskoga

College of higher vocational education is a new form of vocational education on a post senior high-school level. The programs were developed together with experienced specialists from the explosive sector. Theory is alternated with practice and most of the education includes LIA (learning within working) on an Explosive working area.

YH-educations are a part of the Swedish education system and are free of charge and give you the rights to apply for student-aid from CSN. The last day to apply is May 15. Read more about practical information regarding the competence needed, how to apply and when the program starts further down the page.

College of higher vocational education in Karlskoga
At the moment there is one YH-education program in Karlskoga. Process technologies within energentic material, explosive and flamable substances, 400 YH-points (80 weeks).

The program is intended for:

- Students who are working and wants to deepen their knowledge in professional handling of explosives.
- Students who after a complete senior high-school education seeks employment as a process technician, qualified operator, product technician or production planer in process industries and companies that handles energetic material, explosive and flammable substances.

Qualification
To apply for the program you need basic competence from senior high-school as well as Mathematics A and English A. If you have relevant work experience as well as the prior mentioned Mathematics A and English A you may also be qualified to apply for the program. For more detail read behörighetskrav för YH-utbildning på Myndigheten för Yrkeshögskolans webbplats.

Application and starting
The last day to apply is May 15 and the program starts in August every year. To apply send your application to: Karlskoga kommun (27), Komvux, 691 83 Karlskoga.
For more information contact ahmed.khaled@karlskoga.se or hans.wallin@kcem.se for more information

”Process technician within energetic materials, explosive and flammable substances” in Karlskoga 400 YH-points equal to two years of study.

Sweden in general and especially Karlskoga has a broad network of companies that concentrates on energetic materials, explosive substances and process technology. There are both producing units and research facilities with lots of competence and a broad international network.

What is energetic materials

Energetic materials are products that can decompose without help from oxygen but can also be other energetic products. Energetic materials have lots of uses in modern society. Companies that use energetic materials are the mining industry, the car industry and the chemical industry. Another important use for energetic materials is armaments as in weapons and ammunition. An example of an growing field is rocket fuel for space rockets.

Up-to-date, qualified and a broad education

Professions within process technique require a broad competence in several disciplines to obtain good employability. Because of that, the program has been developed together with KCEM, Campus Alfred Nobel (Örebro University) and the industry. In several of our affiliates there will be positions during the LIA periods (learning within work). The theoretical part of the program is conducted at Campus Alfred Nobel in Karlskoga.
The goal is that the student will get an up-to-date and qualified education with a broad knowledge to be able to work within process industries that handles energetic materials, explosive and flammable substances.
After completing their studies the students will have enough competence to be able to work as explosive substance technicians, qualified process operators, product technicians and product planers at process industries and companies that handle energetic materials, explosive and flammable substances.

Our partnership

The program ”process technician within energetic materials, explosive and flammable substances” is developed in a close collaboration with the business community. Together with the school many companies has been involved in developing courses that will give the students as much utility as possible in their future careers.
A couple of the companies that been involved in the development will also make positions available during the LIA periods.

Participating companies

Eurenco Bofors www.eurenco.com
Saab Dynamics www.saabgroup.com
Saab Bofors Test Center www.testcenter.se
Nammo Vingåkersverken www.nammo.com
Nammo Liab Karlskoga www.nammo.com
Nammo Liab Lindesberg www.nammo.com
Nammo Vanasverken Karlsborg www.nammo.com
Orica Sweden AB , Gyttorp www.orica.com
Norma precision AB i Åmotfors www.norma.cc
Cesium i Katrineholm www.cesium.se

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