eNOTICE
European Network Of CBRN TraIning Centres
D3.4 Report on eNOTICE project website

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3	Fire and Rescue Service of Seine et Marne (SDIS77)	X
4	Association pour la recherche et le développement des méthodes et processus industriels (ARMINES)	X
5	Umea Universitet (UMU)	
6	Fire Department Dortmund (FDDO)	X
7	**University of Paderborn (UPB)**	X
8	Joint CBRN Defence Centre of Excellence Vyškov (JCBRND COE)	X
9	Middle East Technical University (METU)	X
10	University of Rome Tor Vergata and The Italian Joint NBC Defense School (UNITOV)	X
11	West Midlands Police, National CBRN centre (WMP)	X
12	War Studies University, CBRN Defence Training Centre (WSU)	X
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Executive Summary

This document is the Deliverable 3.4 (Report on eNOTICE project website) of eNOTICE, a European Horizon 2020 EC funded project, under the Grant Agreement n° 740521.

The eNOTICE public website is part of the eNOTICE Dissemination activities (Task 3.1) to promote and enhance the web based platform and project results.

This document describes:

- The objectives of the public website

- How the site has been designed and realized

- The structure of the public website

- The key messages and initial contents per page and sub-page

- The evaluation

The website will be updated continuously, especially the sections on News, Joint Activities and Publications.

The eNOTICE website can be found at: https://www.h2020-enotice.eu/

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1   Objective

The objective of the public project website is to inform visitors about the eNOTICE project and to support the project's dissemination activities.

This objective is achieved by first analyzing requirements defined by the eNOTICE consortium and the state of the art regarding website design. The result of this step is used to design a navigation and information structure for the website. In the next step, the structural design is enhanced with a design and content from the eNOTICE partners. In the end, a short description of the future development of the website is described and a conclusion is presented.

2   Requirement analysis

In order to gather requirements for the public website, multiple sources are analyzed. This includes requirements defined in the Grant Agreement, requirements by partners and a survey of the state of the art regarding website usability. In the following, these requirements will be enumerated and refined. The fulfilment of these requirements will be evaluated in chapter 5.

2.1   Grant Agreement

The Grant Agreement does not explicitly specify requirements for the public website, only for the information communication platform. However, as the public website will later be developed into the information communication platform, some of the requirements for the information and communication platform will already be implemented as part of the public website. These requirements are:

- GA01: Provide regular news for the project

- GA02: Inform about the outcomes of the project

- GA03: Provide a dissemination channel

- GA04: List the publicly available deliverables for download

- GA05: Provide publications by eNOTICE

- GA06: Inform about conference presentations by eNOTICE

- GA07: Inform about papers published by eNOTICE

- GA08: Inform about planned activities by eNOTICE via a calendar

2.2   Feedback by partners

All eNOTICE partners were involved in the website design process and were asked to provide feedback. The feedback of the eNOTICE partners is summarized in the following requirements.

- FP01: The project title should be the slogan for the website

- FP02: An image slider on the homepage should receive pictures to promote the Joint Activities by eNOTICE

- FP03: A link to the project events calendar should be included in the navigation menu

- FP04: The website should describe the objectives of eNOTICE

- FP05: The website should provide general information on the project

- FP06: Each partner will be represented on the website with a logo

- FP07: The names of eNOTICE partners should be listed in English as well as in their national language

- FP08: Each partner shall be described in less than 200 words

- FP09: A map showing each partner should only include a marker of the location of each partner

- FP10: A "publications" section shall provide access to all eNOTICE publications

- FP11: Each Joint Activity should be described in English and summarized in its national language

- FP12: The website must include a "Cookie Disclaimer", as required by the EU ePrivacy directive (Article 5, Section 3)

- FP13: The website must include an Imprint, as required by the German Teleservices Act (Article 5)

2.3 Usability

To minimize visitors' cognitive load it is important to develop a website with a logical and easy structure. The standard on ergonomics of human-system interaction DIN EN 9241-11 defines usability as the extent to which a product can be used by specified users in a particular context of use to achieve specific goals effectively, efficiently and satisfactorily (DIN EN 9241-11). This definition will be kept in mind when developing the usability aspects of the public website.

Balanced Website design (Lawrence, Tavakol 2007) lists three aspects of website design: usability, purpose and aesthetics. These aspects help to create a fully effective Website. In the case of eNOTICE it is easy to identify the purpose of this website. It is to inform the visitor about the project. To satisfy this purpose there are various descriptions for e.g. the project or the partners. Pictures and logos visualize the given information. They are often arranged in the middle of the page to draw attention to them directly.

The next point is usability. The difference between good and poor usability is how the visitors get along with the interface. Good website usability means that it is easy to learn, easy to remember, effective to use, easy to understand as well as satisfactory. The following points must be considered:

- US01: clear ambitions of the website

- US02: easy navigation, which the user is comfortable with and clear about the structure

- US03: simple design

- US04: understandable layout and well-chosen words

The last point is aesthetics. It is related to usability and the arrangement of items to help the visitors find what they are looking for. It is important to find a way that makes the page pleasing and clear.

The web designer's idea book (McNeil 2010) describes different types of trends and styles in website design. The "ultra clean" style is used for the eNOTICE website. It is characterized by the fact that the website is particularly easy to use for the visitor and chosen for eNOTICE as good usability can be a critical factor for the user acceptance of the website. The goal of this design is to be functional as it leans toward minimalism. This is also reflected in the clarity of the individual pages, as well as the amount of information given on each page.

3   Structure and navigation of the website

The following chapter elaborates how the information on the website is structured and how the visitor can navigate between different pages.

3.1   Website structure

The website has a simple structure as well as a useful menu. It is important to create a clear website without abstract terminology so that the websites does not lose the interest of the visitor. To make a good first impression, the website is not crammed with too much information at once. The website structure is shown in Figure 1 and explained in detail below.
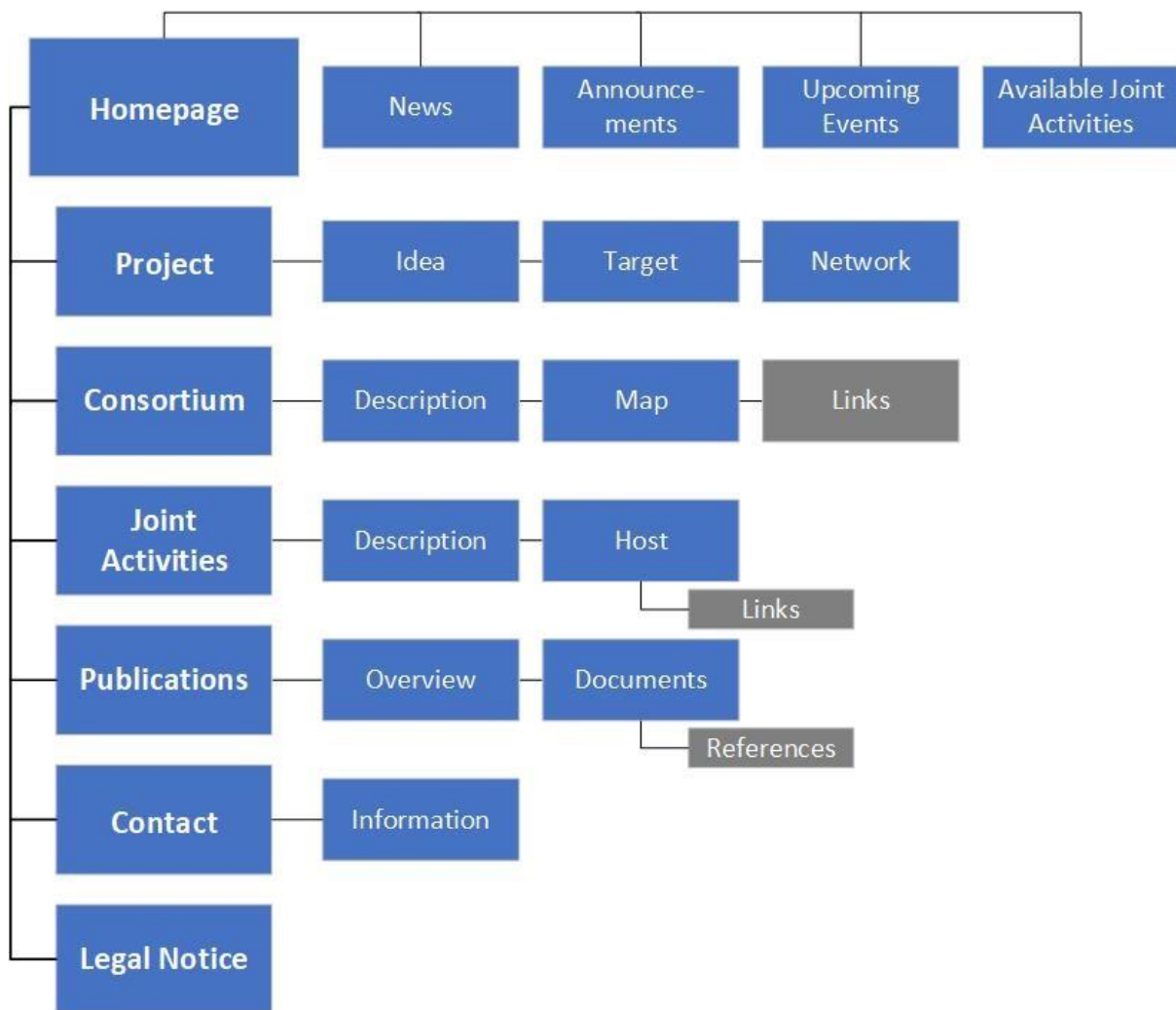
Figure 1: Structure of the website

The homepage is displayed on top, as it is the main page of this website. It gives a first overview of the topics in the project and displays current announcements, pictures and lists upcoming events as well as Joint Activities. The navigation takes the visitors to the other pages of the website by clicking on the corresponding buttons.

The topics are ordered according to the likeliness that a visitor wants to access them. This creates a meaningful order.

The first point in the navigation bar is "Project". Here the visitors can get an overview of the project. The page layout is based on the three objectives of eNOTICE: establishing a framework for a European network of CBRN training centers, connecting training centers and optimizing resources.

The next point is called "Consortium". Here the visitor gets information about each of the 13 eNOTICE partners in English and in the native language of the respective partner. This page also includes a map displaying the location of every partner.

The "Joint Activities" page informs the visitor of the website about upcoming Joint Activities in eNOTICE, including their date, location and a short description in English and the national language of the organizer of the activity.

In the "Publications" section, all publications (press releases, scientific publications and other documents) are listed, sorted by date, and linked.

If there are any questions or participation requests, the visitor can use the point "Contact" to find the contact information of the eNOTICE project.

The last point is called "Legal Notice" and provides legal information about the editorial responsibility and privacy policy on the website.

3.2   Navigation

The navigation of the website is quite simple. The visitor can always get back to the pages shown on the left side of Figure 1 independently of the current location. By clicking on one of the main pages (Project, Consortium, etc.) the visitor gets general information. Now (s)he has the possibility to get more detailed information about the current topic. This is possible by scrolling down the page or by clicking on the corresponding figure or name. By doing so, (s)he will get directly to the desired topic. The grey boxes in Figure 1 show links where the visitor can get more information about the partners or where he can get to the documents with information about the publications. Another link leads to more information about the Joint Activities of each partner. The grey color indicates that the visitor leaves the actual website by clicking on this link.

4   Design and realization of the website

In this chapter the design of the website and the content gathering process for the website are described.

4.1   Layout and Design

 The layout and the design of the website (as mockups) are listed and described below.
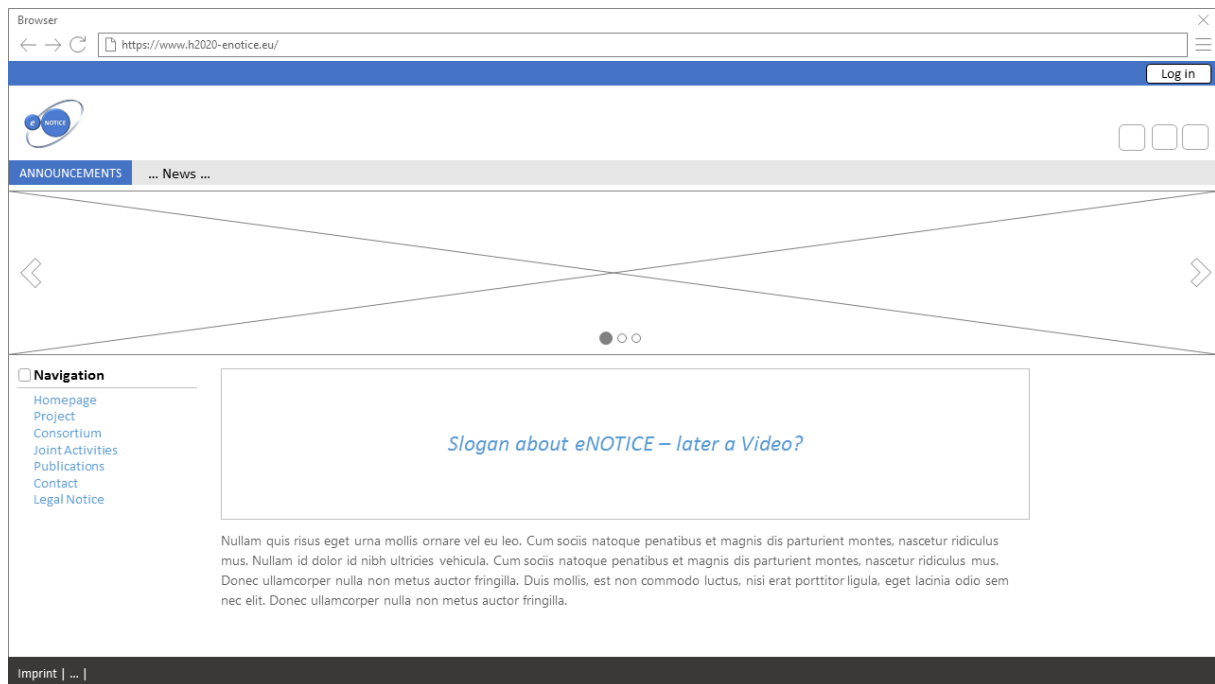
Figure 2: Mockup of the homepage

The homepage (shown in Figure 2) gives a first overview of the important topics. In the top line are announcements and news to inform the visitor as fast as possible about current developments in eNOTICE. Alternating pictures (depicted in the mockup by a large X) with short texts present more information about different topics in a prominent way and also serve as a promotion for the Joint Activities. The large pictures can create a certain atmosphere and appeal to the visitors emotions, which is important for increasing the visitor's pleasure. (Richter, Flückiger 2014). The navigation menu can be found on the left side.
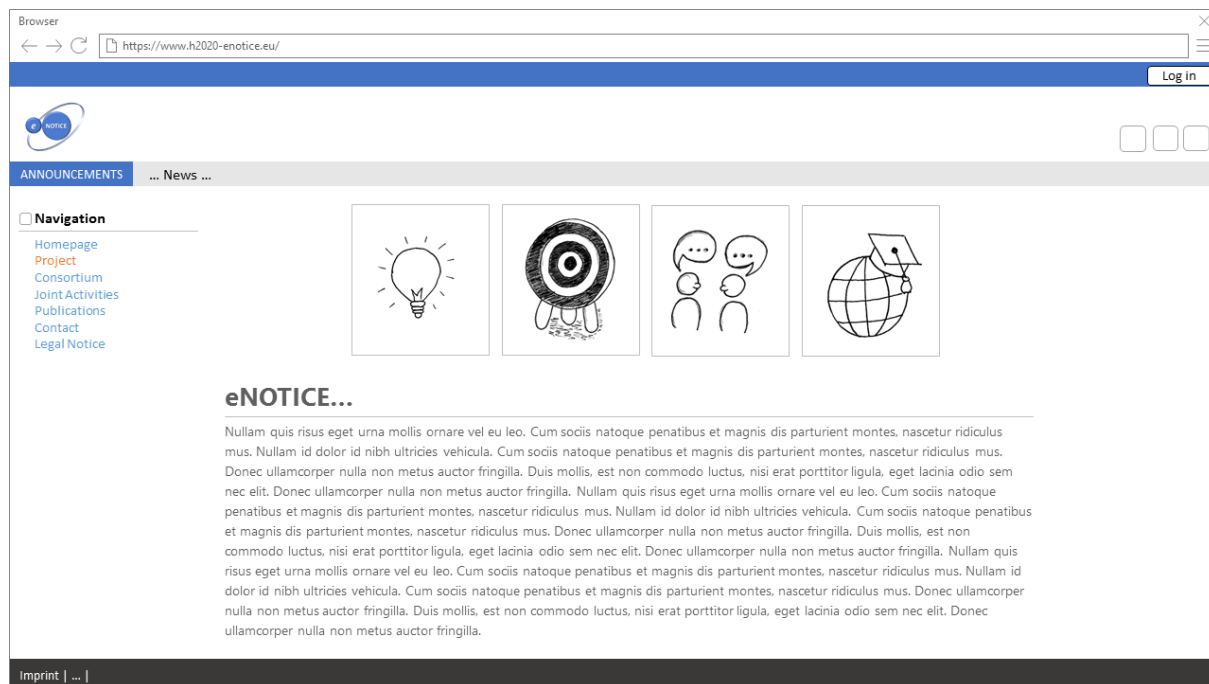
Figure 3: Mockup of the "Project" page

As depicted in Figure 3, the navigation menu is always on the left, no matter which site the visitor is currently on. On this page the visitors can find general information about the project. By clicking on the icons at the top of the page, the visitors is redirected to the corresponding sections in the longer text below.
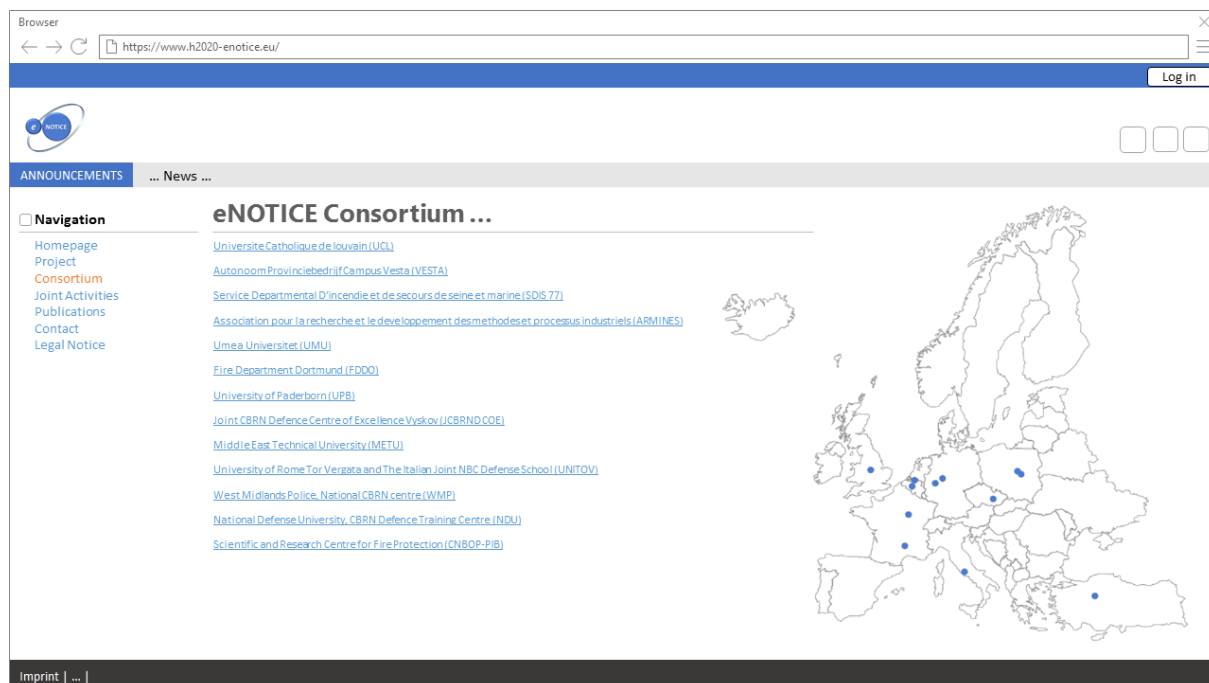
Figure 4: Mockup of the "Consortium" page

The "Consortium" page (Figure 4) displays the partners who are involved in the project. There are short descriptions about them as well as a link which leads to their website to get even more information. The map on the right side gives an overview of the locations of the partners, as indicated by the markers.
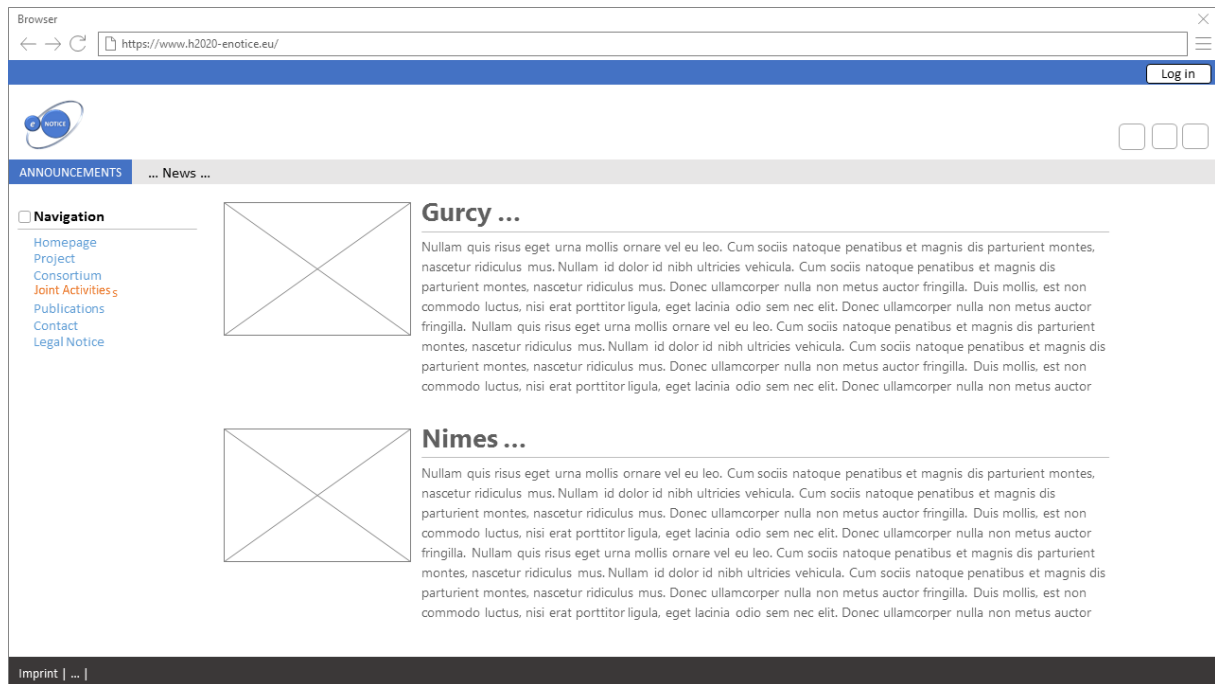
Figure 5: Mockup of the "Joint Activities" page

The Joint Activities page, shown in Figure 5, contains a picture for each Joint Activity, a title and a short description in English and in the national language of the country where the JA takes place.
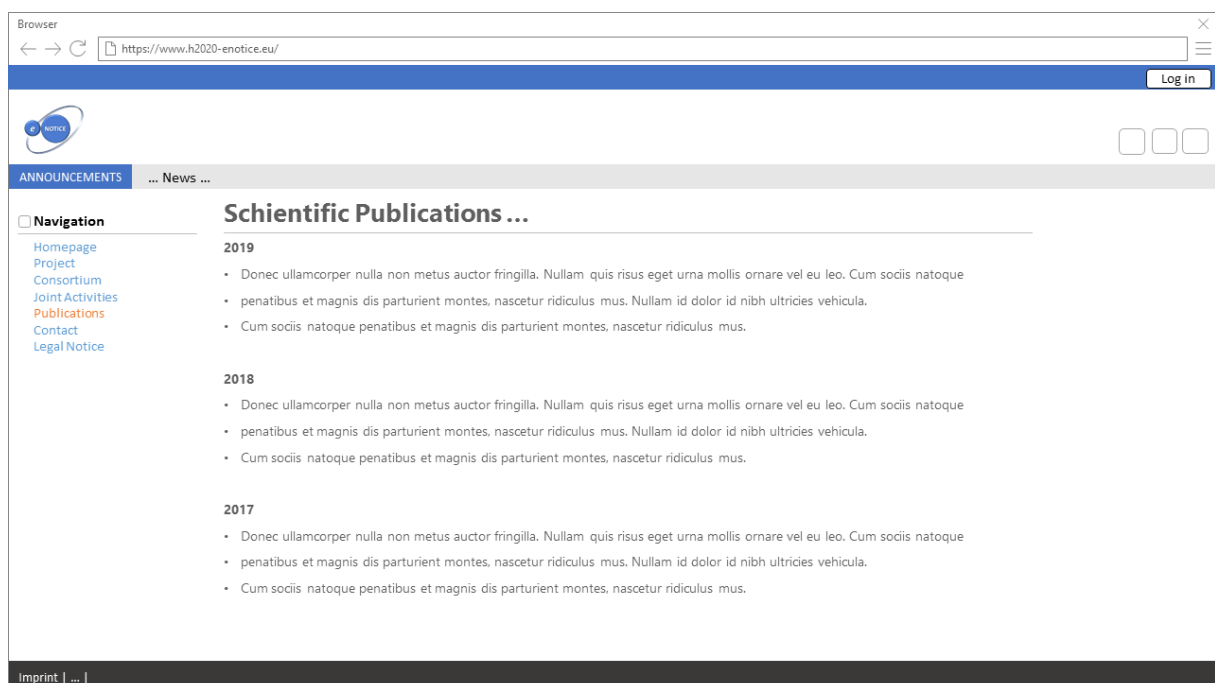
Figure 6: Mockup of the "Publications" page

As shown in Figure 6, the different publications are sorted by the year and type of publication with a short description of each publication and a link to further information.
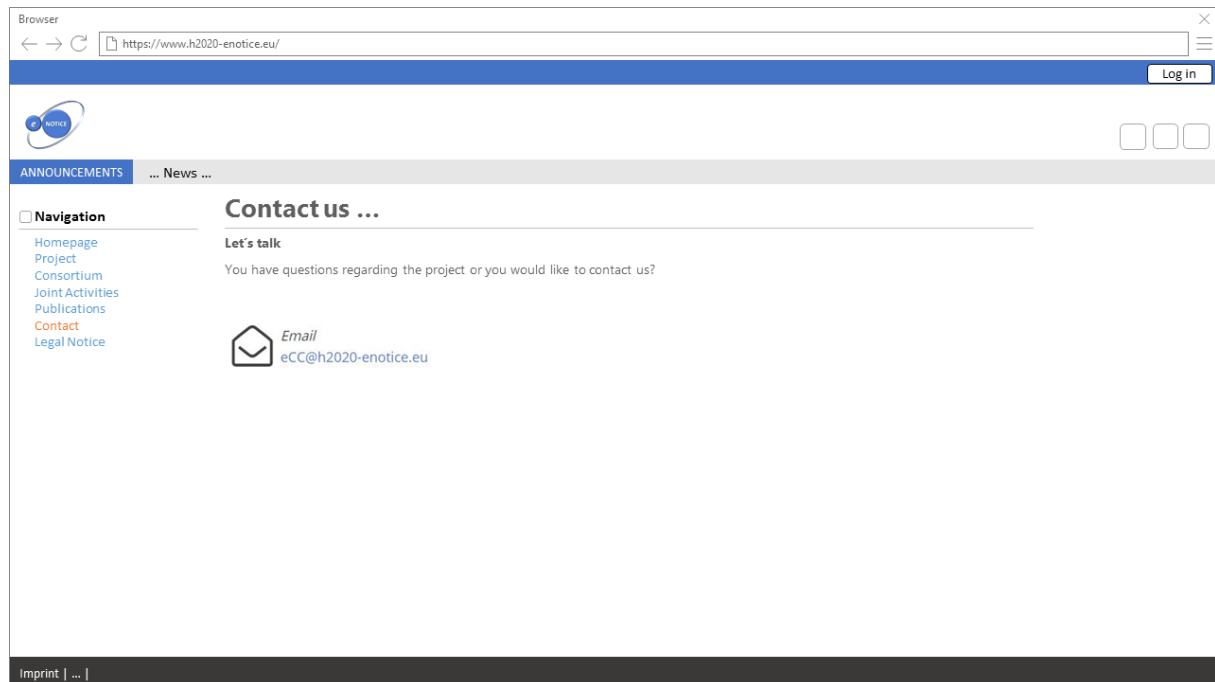
Figure 7: Mockup of the "Contact" page

The contact page (Figure 7) lists contact information which visitors can use to enquire eNOTICE for example about obtaining further information or participating in the Joint Activities.

4.2   Template for partners

The following section describes the template that eNOTICE consortium partners filled out with their information for the public website.

As the visitors of the website come from all over the world, the names of the partners must be entered not only in their own language, but also in English. The link to their website helps the visitor to get more information about the partners than the eNOTICE website can provide. Nevertheless, the eNOTICE website contains a short description (max. 200 words) for each partner. Analogously to the partner's name, the description is also available in the partner's national language and in English. This is especially important for the visitors who want to find out information about the partners and planned activities in their area.

The entered address is used to display the exact location of each partner on the map. Because the website is used to inform the visitors about the Joint Activities, the partners are asked to provide a description of the upcoming activities.

Finally, the partners can describe the eNOTICE project, the idea behind it and the main desired outcome from their point of view.

The complete template is shown in Figure 8. The templates completed by each partner are shown in the annex.

Figure 8: The template which eNOTICE partners were asked to complete

4.3 Realization

The website is implemented based on the presented mockups and the content provided by the eNOTICE partners. Screenshots of the finished website are omitted in this deliverable, as they are already contained in D3.5.

5   Evaluation

In this chapter, the features of the website are compared to the previously defined requirements and feedback provided by partners. In addition, the analytics tool, which will be useful for future evaluations, is described.

5.1   Regarding the Grant Agreement

In the following, the grade of fulfillment for each requirement defined in section 2.1 will be checked.

- GA01: The website provides a dedicated news sections where important news are posted

- GA02: The website informs about outcomes of the project by providing its publications

- GA03: The website can be used to disseminate information about eNOTICE

- GA04: There is a list of publicly available deliverables and a download feature for them

- GA05: The website provides publications by eNOTICE

- GA06: Information about conference presentations can be added to the "Publications" and the "News" section

- GA07: Papers published by eNOTICE can be added to the "Publications" section

- GA08: A public calendar informs about upcoming events and Joint Activities

As each requirement is fulfilled, the website fulfills the requirements defined in the Grant Agreement completely.

5.2   Regarding the feedback partners

In the following, the grade of fulfillment for each requirement defined in Section 2.2 will be checked.

- FP01: The project title is used as the slogan for the website

- FP02: An image slider on the homepage promote the Joint Activities by eNOTICE by providing relevant pictures and an accompanying text

- FP03: The calendar is linked in the top navigation menu

- FP04: The project information page informs about the target of eNOTICE

- FP05: The project information page provides general information on the eNOTICE project

- FP06: Each partner is represented on the website with a logo

- FP07: The names of eNOTICE partners are listed in English as well as in their national language

- FP08: Each partner is described in up to 200 words

- FP09: A map showing the location of each partner via a marker is included on the "Consortium" page

- FP10: A "Publications" section provides access to all eNOTICE publications

- FP11: Each upcoming Joint Activity is described in English and its national language

- FP12: An Legal Notice containing all the required information was added to the website

- FP13: A discreet popup informing the visitor of the use of cookies is displayed until the visitor dismisses it

As each requirement is fulfilled, the website fulfills the requirements by the eNOTICE partners completely.

5.3   Regarding the usability

In the following, the grade of fulfillment for each requirement defined in Section 2.3 will be checked.

- US01: The ambitions of the website are clearly defined in the form of requirements

- US02: An easy navigation structure was developed and described in Section 3.2

- US03: The website uses a simple design based on two harmonizing colors

- US04: The website utilizes a clear layout as shown in Section 4.1 and contains carefully worded content

As each requirement is fulfilled, the website fulfills the usability requirements completely.

5.4   Analytics tool

An analytics tool will help to improve the project website over time. It measures and displays information on the visitors of the eNOTICE website, e.g.:

- Number of visitors

- The origin of the visitors

- New and recurring visitor distribution

- How many pages the visitors looked at

- How many visitors have entered the website directly as opposed to via search engines

- Which terms did the visitor enter when reaching the eNOTICE website via a search engine

- How many minutes the visitor stayed on the website

- How many visitors have been on the website for the first time

- The geographical distribution of the visitors

The collected data will help to produce more of the content that keeps the visitors of the website coming back. It helps to find out what the visitors want and what they do not want to see. The visualization and reporting features will be used in future deliverables to describe the activity on the eNOTICE website and platform.

6   Conclusion & future work

This chapter presents a short summary and conclusion and describe possibilities for future work

6.1   Summary and Conclusion

To build the eNOTICE public website, first a requirements analysis was conducted. This analysis took into account requirements defined in the Grant Agreement, requirements by partners and general usability requirements in the state of the art.

These requirements were used to describe the information and navigation structure of the website. They were also used to obtain content from the eNOTICE partners and to create mockups of the layout of the website. Based on this, the website was realized. Screenshots of the finished website can be found in Deliverable 3.5.

In the next step, the implemented website was evaluated with respect to the previously defined requirements and was found to fulfil all defined requirements. In addition, an analytics tool for future usage was described and implemented.

In conclusion, the public website is an efficient tool for the dissemination activities in eNOTICE and will as such help to fulfil further eNOTICE's objectives.

6.2   Future work

The main future work will be the integration of the information and communication platform. To make this as easy as possible, the public website is already designed in such a way that a seamless integration of the information and communication platform will be possible. Components of the platform that were already implemented as part of the public website (i.e. a shared calendar and a news section) will be used in the platform without modification or performing duplicate work.

7 Annex

The content of the partners is listed below.

7.1 Content by Catholic University of Louvain

Partner name in English:

Catholic University of Louvain

Partner name in national language:

Université catholique de Louvain

Link to your website:

https://uclouvain.be/fr/instituts-recherche/irec/ctma

Partner description in English:

The "Centre de Technologies Moléculaires Appliquées (CTMA - Center for Applied Molecular Technologies)" is a mixed military-clinical-academic technological platform. This platform hosts at the same location clinicians, biologists and engineers of the Belgian Ministry of Defense (BE-MOD), the Université catholique de Louvain (UCL) and its associated academic hospital (Cliniques universitaires St-Luc). CTMA/UCL has a strong multidisciplinary expertise in the development of medical research and applied sciences (rapid genetic identification of intentional, accidental or natural release of biological agents and diagnosis of genetic diseases).

CTMA/UCL is an experienced coordinator of participant to national and international research projects in the field of security (e.g. EC/FP7, EC/H2020), ESA, EDA and NATO). Those have with a strong focus on CBRN risk management. CTMA/UCL has developed a broad network of collaboration with clinical, academic, military partners throughout Europe and Africa. Since 2008, CTMA/UCL developed actively the B-LiFE (*Biological Light Fieldable Laboratory for Emergencies*) deployable laboratory which was deployed in 2014 and 2015 in Guinea during the Ebola outbreak in West Africa.

B-LIFE successfully passed the certification process as module of EUCPM (Voluntary pool/DG ECHO) during the MODEX 2017 exercise in Revinge, Sweden, April 2017, and the table top ModTTX 4 in Bruges in May 2017.

Partner description in national language:

Le Centre des technologies moléculaires appliquées (CTMA) est une plateforme technologique militaire-clinique-universitaire employant des cliniciens, biologistes et ingénieurs de la Défense (BE-MOD), de l'Université catholique de Louvain (UCL) et des Cliniques Universitaires St Luc. CTMA utilise cette large expertise multidisciplinaire en recherche médicale et en sciences appliquées, notamment pour la mise au point de nouveaux tests d'identification génétique rapide d'agents biologiques dans le contexte d'une dissémination intentionnelle, accidentelle ou naturelle ou pour le diagnostic des maladies génétiques.

CTMA/UCL participe ou coordonne régulièrement des projets de recherche nationaux et internationaux dans le domaine de la sécurité (e.g. EC / FP7, EC / H2020, ASE, ADE et OTAN). Le focus principal est la gestion des risques CBRN. CTMA/UCL a développé un vaste réseau de coopération avec des partenaires cliniques, universitaires et militaires à travers l'Europe et l'Afrique. Depuis 2008, CTMA/UCL développe activement le laboratoire déployable B-LiFE (*Biological Light Fieldable Laboratory for Emergencies*), déployé en 2014 et 2015 en Guinée lors de l'épidémie d'Ebola en Afrique de l'ouest.

B-LIFE a réussi les épreuves de certification des modules EUCPM (Voluntary Pool / DG ECHO) lors de l'exercice MODEX à Revinge, Suède, avril 2017, et du table top ModTTX 4 à Bruges en mai 2017.

Where we should put exactly the point on the map?

Clos Chapelle-aux-Champs 30, 1200, Brussels, Belgium

7.2   Content by Campus Vesta

Partner name in English:

Campus Vesta

Partner name in national language:

Campus Vesta apb

Link to your website:

https://www.campusvesta.be/en.html

Partner description in English:

Campus Vesta is an institution for education, training and research, with 3 pillars of activities.
PUBLIC SAFETY TRAINING & EDUCATION
Campus Vesta provides education and training for fire-fighters, policemen, ambulance personnel, disaster management and HAZMAT specialists, and companies/public bodies dealing with public safety and security. It is a provincial, public entity (Province of Antwerp).
EMERGENCY MANAGEMENT KNOWLEDGE CENTRE
Campus Vesta's broad network of practitioners and end users makes it the ideal intermediary to capture new needs and knowledge; to evaluate new techniques, processes, products, services and to transfer innovation to the field. The accumulated knowledge is also shared with public bodies, requesting assistance and support.
MULTIDISCIPLINARY TESTING & EXERCISE INFRASTRUCTURE
One of Campus Vesta's main features is its extensive infrastructure. The site is located on a former English military base (50ha). The modern main building consists of more than 25 classrooms, an auditorium, several spaces for role playing and practical training. Outside, the terrain harbours sites for firefighter training, confined spaces training, a 2x2 lane highway, a three story building and various other urban facilities for scenario training.
Campus Vesta has extended experience in training, teaching, disseminating new knowledge and organisation of mono- and multidisciplinary table top and field exercises.

Partner description in national language:

Campus Vesta is een opleidings-, trainings- en onderzoekscentrum, met 3 kernactiviteiten.
OPLEIDINGEN EN TRAINING PUBLIEKE VEILIGHEID
Campus Vesta organiseert opleidingen en training voor brandweer, politie, ambulanciers, specialisten rampenmanagement, adviseurs gevaarlijke stoffen en bedrijven/overheidsinstanties die instaan voor publieke veiligheid en beveiliging. Het is een

publieke entiteit, die ressorteert onder de Provincie Antwerpen.
KENNISCENTRUM CRISISMANAGEMENT
Door haar breed netwerk (praktijkmensen, experten, eindgebruikers) bekleedt Campus Vesta een centrale positie voor het identificeren van nieuwe noden en het capteren van kennis. Campus Vesta werkt mee aan het testen en evalueren van nieuwe technieken, processen, producten en diensten en slaat zo de brug met het werkveld. Opgebouwde expertise wordt op vraag om advies of ondersteuning eveneens gedeeld met overheidsinstanties.
MULTIDISCIPLINAIRE TEST- EN OEFENINFRASTRUCTUUR
Een belangrijke troef van Campus Vesta is de unieke infrastructuur. De site was aanvankelijk een Engels militair kamp op een terrein van 50 ha. Het moderne hoofdgebouw bevat meer dan 25 leslokalen, een auditorium, tal van ruimtes voor rollenspellen en praktische training. Het buitenterrein omvat sites voor brandweertraining, besloten ruimten, een stuk autosnelweg, een drieverdiepingsgebouw en een oefendorp met uitgebreide faciliteiten voor scenariotraining.
Campus Vesta is een ervaren speler in veiligheidstraining, onderwijs en kennisverspreiding en de organisatie van mono- en multidisciplinaire table top en inzetoefeningen.

Where we should put exactly the point on the map?

Oostmalsesteenweg 75
2520 Ranst
BELGIUM

How you would describe the eNOTICE project:

As Technical coordinator in eNOTICE, Campus Vesta is convinced of the added value of Training Centers as an intermediary player between practitioners who are constantly facing new challenges and industrial and academic research and developers who have the capacity to introduce and provide solutions. The combination of the Training Centers' network and profile of practitioners, the available expertise for education, and the infrastructure for training offers a unique asset for structural collaboration between different public safety and security players.

Building a network of Training Centers will offer new opportunities to optimize the Centers' current activities and to expand their range and impact through new collaborations.

7.3   Content by Seine-et-Marne District Fire and Rescue Department

Partner name in English:

Seine-et-Marne District Fire and Rescue Department

Partner name in national language:

Service Départemental d'Incendie et de Secours de Seine-et-Marne

Link to your website:

www.sdis77.fr

Partner description in English:

The Seine-et-Marne district Fire and Rescue Department is a public agency in charge of firefighting missions. The department also carries out various rescue missions with other agencies.
Due to the wide range of different environments and economic activities within its area of responsibility, the fire and rescue department hosts many specialized units (urban search and rescue, divers, HAZMAT teams, etc.) A network of 61 fire stations enables the department to respond quickly on all its area.
The Fire and Rescue department is endowed with an annual budget of €170,000,000.
The 1300 professional and 3000 volunteer firefighters carry out more than 110000 rescue missions each year.
The training centre is in charge of the training of all firefighters (professional or volunteers) as well as administration and support personnel. It also provides CBRN training for its own specialized units and other multidisciplinary agencies.

Partner description in national language:

Le service départemental d'incendie et de secours de Seine-et-Marne est un établissement public chargé de la lutte contre les incendies. Il remplit également, en partenariat avec d'autres organisations, diverses missions de secours.
En raison de la diversité des paysages et des activités économiques situés dans sa zone de responsabilité, le service départemental dispose de nombreuses équipes spécialisées (sauvetage-déblaiement, plongeurs, risques technologiques...). Un maillage de 61 centres de secours lui permet d'apporter une réponse opérationnelle rapide sur tout le territoire.
Le service départemental est doté d'un budget annuel de 170 M€.

Les 1300 sapeurs-pompiers professionnels et les 3000 sapeurs-pompiers volontaires accomplissent chaque année plus de 110000 missions de secours.

Le centre de formation assure la formation de tous es sapeurs-pompiers, professionnels et volontaires, ainsi que des personnel administratifs et techniques. Il assure également l'entraînement à la gestion des risques NRBC de ses propres unités, ainsi que des unités d'autres ministères.

Where we should put exactly the point on the map?

56 avenue de Corbeil 77000 MELUN, France

Please don't forget to attach a Logo with a corresponding quality (if possible, we prefer a png-format).

If you plan a Joint Activity in the next 6 months...

Description or overview about your JA in English:

The training centre will host the first joint activity within the eNOTICE framework. The objective will be to assess the operational capability of our HAZMAT teams, based on four scenaii: BIO hazard situation in an office building; CHEM hazard situation in a freight train; CWA situation in a covert laboratory; and CHEM hazard situation in an industrial facility.

Short description about your JA in national language:

Le centre de formation du service départemental d'incendie et de secours de Seine-et-Marne

accueillera le premier exercice conjoint dans le cadre du projet eNOTICE. L'objectif de cet exercice sera d'évaluer la capacité opérationnelle des équipes spécialisées en risques technologiques, en se basant sur quatre scénarii : risque biologique dans un immeuble de bureaux ; risuqe chimique dans un train de marchandises ; risque lié aux toxiques de guerre dans un laboratoire clandestin ; risque chimique dans une installation industrielle.

7.4   Content by Armines

Partner name in English:

ARMINES

Partner name in national language:

French

Link to your website:

https://www.armines.net/fr/europe/introduction

Partner description in English:

ARMINES is a private non-profit research and technological organization (RTO) funded in 1967 at the instigation of its partner engineering schools, the Ecoles des Mines network.
ARMINES currently shares 48 Joint Research Units (Common Research Centers) with its partner schools, where each legal entity, either private or public, provides personnel, investment and operating resources for common research purpose.

Partner description in national language:

Le centre de recherche ARMINES - LGI2P (Laboratoire de Génie Informatique et d'Ingénierie de Production) développe et met en œuvre des concepts, méthodes et outils pour identifier et lever des verrous techniques, technologiques et organisationnels auxquels sont confrontés industries et services.
L'activité du centre de recherche LGI2P s'inscrit dans le domaine des sciences et technologies de l'information et de la communication.
Elle est centrée sur la conception, la réalisation, l'optimisation de systèmes techniques, de dispositifs sociotechniques et le pilotage de processus collaboratifs. Cette recherche finalisée donne lieu à de nombreux partenariats industriels et académiques, aux niveaux régional, national et européen.

Where we should put exactly the point on the map?

IMT Mines Ales – 6, Avenue de Clavieres 30319 Ales cedex

Please don't forget to attach a Logo with a corresponding quality (if possible, we prefer a png-format).

If you plan a Joint Activity in the next 6 months...

Description or overview about your JA in English:

Serious game Exercise (explosion in airport) organised by ARMINES and METU

Short description about your JA in national language:

Training of all the medical chain (medical doctors, paramedics and firefighters) on a scenario of massive attack at an international Airport. The objective is to evaluate all the involved stakeholders to better communicate, to improve the triage of victims and to evaluate the ICU (Intensive Care Unit) resilience

7.5   Content by Umea Universitet

7.6   Content by City of Dortmund, Fire Department

Partner name in English:

City of Dortmund, Fire Department

Partner name in national language:

Stadt Dortmund, Feuerwehr

Link to your website:

www.feuerwehr-dortmund.de

Partner description in English:

The Fire Department of Dortmund (FDDO) is the largest fire department in its local area and the sixth largest in Germany. It is responsible for fire rescue operations as well as emergency management in the city. In 2006 the Institute for Fire Service and Rescue Technology (IFR) was founded as a department for the research into more efficient but practicable technology and methods. A close contact with other German and European fire departments and related organizations ensures a knowledge transfer and an understanding for new technology and methods.
Furthermore: FDDO is involved into the supra-local emergency support concept of the federal state North Rhine Westphalia. Additionally, the FDDO runs one of seven Analytical Task Forces (ATF) located in Germany embedded in the nation-wide CBRN incident response concept. These Task Forces are highly specialized mobile operation groups with appropriate special competences that go beyond the possibilities of first appliance. All of the ATF-units are interlinked with each other. For mission related tactical reasons, the ATF are established at existing locations, which are particularly experienced in the field of CBRN-threat prevention, as Dortmund. The ATF guarantees comprehensive support of the mission management on site in the context of complex CBRN-situations.

Partner description in national language:

Die Feuerwehr Dortmund ist die größte Feuerwehr des Ruhrgebiets und die sechst größte in Deutschland. In das Aufgabenfeld fallen neben der Brandbekämpfung auch der Rettungsdienst und der Katastrophenschutz. 2006 wurde das Institut für Feuerwehr- und Rettungsdiensttechnologie (IFR) als Forschungsabteilung der Feuerwehr Dortmund gegründet, um eine effizientere und praxisorientiertere Forschung im Bereich der Technologie- und Konzeptentwicklung zu etablieren. Dabei steht besonders ein enger Kontakt und hoher Informationsaustausch mit anderen Feuerwehren, sowie BOS auf nationaler und internationaler Ebene im Mittelpunkt.
Die Feuerwehr Dortmund ist Teil der überörtlichen Bereitschaften des Landes Nordrhein-

Westfalens und hält darüber hinaus eine von bundesweit sieben Einheiten der Analytischen Task Force (ATF) vor, die im Falle eines CBRN Zwischenfalls alarmiert werden. Sie sind hoch spezialisierte und mobile Einheiten, deren Gerätschaften und Kompetenzen weit über die normal kommunal vorgehaltenen Einsatzmittel hinausgehen. Die ATF-Einheiten sind bereits untereinander vernetzt. Dies ermöglicht eine schnelle Alarmierung der ATF, deren Gerätschaften auch zu Luft an die Einsatzstelle gebracht werden können. Aus einsatztaktischen Gesichtspunkten werden die Einheiten an festen Standorten vorgehalten, deren Träger besondere Erfahrung mit CBRN-Einsätzen vorweisen können, wie z.B. Dortmund. Die ATF bietet der Einsatzleitung vor Ort umfassende Unterstützung im Bereich der CBRN Gefahrenabwehr.

Where we should put exactly the point on the map?

Steinstr. 25, 44122 Dortmund

7.7   Content by University of Paderborn

Partner name in English:

> University of Paderborn

Partner name in national language:

> Universität Paderborn

Link to your website:

> https://www.cik.uni-paderborn.de/

Partner description in English:

> The research group "Computer application and integration in construction and planning" (C.I.K.) at Paderborn University (UPB) evaluates and applies information technologies in design and planning of products as well as in the field of public safety and security. Main research and key activities include system and requirements analysis in close cooperation with stakeholders; conceptual design and implementation of information systems to support humans in complex situations and evaluation of research results and quality management in the design process with focus on ergonomic issues.
> In collaborative research projects the C.I.K. bridges the gap between science, industry and users. This is emphasised by close connections with fire brigades, other relief organisations, various training centres and operators of critical infrastructures. The focus on realistic scenarios supports the transfer of research results into practice.
> In the context of information management and decision support various methods are scientifically analysed and applied. Thereby the IT-based collection, processing and target-oriented provision of information are studied and implemented. In this regard, the use of business process management methods and semantic technologies are a major priority in current projects.

Partner description in national language:

> Der Lehrstuhl C.I.K. der Universität Paderborn bringt langjährige Erfahrung in der benutzerorientierten Systementwicklung aus mehr als 20 nationalen und europäischen Forschungsprojekten mit direktem Bezug zur zivilen Sicherheit ein. Das C.I.K. erforscht Möglichkeiten der IT-Unterstützung in den Bereichen Gefahrenabwehr (z.B. die technische Basis im EU-Projekt PRONTO), Aus-/Weiterbildung (z.B. Konzepte der technisch vermittelten Beobachtung im BMBF-Projekt RescueLab), Datenanalyse/-beschreibung (z.B. in den laufenden EU-Projekten SecInCoRe und EmerGent), Standardisierung (z.B. DIN Spec 91287) sowie Forschung (z.B. zur Quantifizierung von Übungs-Beobachtungsergebnissen mittels IT im BMBF-Projekt evalMANV).

Where we should put exactly the point on the map?

> 51.708121, 8.772102

UNIVERSITÄT PADERBORN
Die Universität der Informationsgesellschaft

7.8   Content by Joint Chemical, Biological, Radiological and Nuclear Defense Centre of Excellence

Partner name in English:

Joint Chemical, Biological, Radiological and Nuclear Defense Centre of Excellence

Partner name in national language:

Link to your website:

https://jcbrncoe.cz/

Partner description in English:

The Joint CBRN Defense Centre of Excellence is a multinationally sponsored, independent and NATO accredited International Military Organization providing its services, in particular its recognized expertise and experience, to the benefit of its member nations, of NATO, of the European Union and of other partners. It combines the skills from more than 60 personnel from thirteen nations in the area of Concepts, Doctrine Development, Capability Development, Experimentation, Training, Exercises, Education, Lessons Learned, Modelling & Simulation, Reach back and Operational Planning Support; it acts as NATO Department Head for Weapons of Mass Destruction and CBRN defense Training and Education, and provides the core for the NATO CBRN Reachback Element. Operators, Scientists, Administrators, Managers and Practitioners with experiences in and outside the military provide their expertise, and together they form a unique CBRN defense capability, acting primarily as a think tank for NATO, but more and more engaging in training and operations support for the North Atlantic Alliance, too.

Partner description in national language:

(no longer than 200 words)

Where we should put exactly the point on the map?

49°18'11.6"N 16°58'51.8"E (Vita Nejedlého 3, 682 01 Vyškov, CZE)

7.9   Content by Middle East Technical University

Partner name in English:

Middle East Technical University

Partner name in national language:

Orta Doğu Teknik Üniversitesi

Link to your website:

http://www.metu.edu.tr

Partner description in English:

Orta Doğu Teknik Üniversitesi (ODTÜ), founded in 1956, is an international research university which seeks excellence in serving the country, region and the world. It is the first and only university in Turkey to enter the top 100 in The Times Higher Education World University Rankings 2014 list. as of June 30, 2017, ODTÜ has 18 H2020 projects with a total budget of 71M€ where ODTÜ's share is 4.5M€. ODTÜ specifically pays attention to supporting mobility of researchers in order to increase two-way transfer of knowledge. For this purpose, ODTÜ has hosted 24 MSCA Individual Fellowships (as of FP6), 24 of which have already been completed with a budget of about 2.9 M€ and 2 of ongoing projects with a budget over 320 K€. In terms of national R&D projects, where TÜBİTAK is the leading funding agency, ODTÜ has a prominent position amongst Turkish universities with more than 1000 projects having a total budget of 417 MTL (approx. 100 M€). At any given time, ODTÜ has approximately 400 R&D projects nationally funded by TÜBİTAK and various ministries and 60 R&D projects internationally sponsored, mainly by the EU Research and Innovation Framework Programmes.

Partner description in national language:

1956 yılında kurulan Orta Doğu Teknik Üniversitesi (ODTÜ), ülkeye, bölgeye ve dünyaya hizmet etmek için mükemmeli isteyen uluslararası bir araştırma üniversitesidir. ODTÜ, The Times Yüksek Öğretim Dünya Üniversiteleri Sıralamaları 2014 listesinde ilk 100'e giren ilk ve tek üniversitedir. ODTÜ'nün 30 Haziran 2017 tarihi itibariyle toplam 4.5 milyon avro ODTÜ payı olan toplamda 71 milyon avroluk 18 H2020 projesi bulunmaktadır. ODTÜ, özellikle iki yönlü bilgi aktarımını artırmak için araştırmacıların hareketliliğini desteklemeye dikkat etmektedir. Bu amaçla ODTÜ, 24 MSCA bireysel burs sahibi araştırmacıya ev sahipliği yapmıştır. ODTÜ, TÜBİTAK'ın önde gelen finansman kuruluşu olduğu ulusal Ar-Ge projeleri açısından, toplam 417 MTL (yaklaşık 100 M avro) bütçeli 1000'den fazla projeyle Türk üniversiteleri arasında önemli bir yere sahiptir. ODTÜ, başta AB Araştırma ve

Yenilikçilik Çerçeve Programları olmak üzere, TÜBİTAK ve çeşitli bakanlıklar ve uluslararası sponsorluk altındaki 60 Ar-Ge projesi ile ulusal olarak finanse edilen yaklaşık 400 AR-GE projesine sahiptir.

Where we should put exactly the point on the map?

Orta Doğu Teknik Üniversitesi,
Üniversiteler Mahallesi,
Dumlupınar Bulvarı No:1
06800 Çankaya Ankara/TÜRKİYE

Please don't forget to attach a Logo with a corresponding quality (if possible, we prefer a png-format).

If you plan a Joint Activity in the next 6 months...

Description or overview about your JA in English:

We, as METU eNotice team, will be participating to the joint activity organized by ARMINES. Our main contribution will be on collecting user requirements and applying serious game concepts to a given CBRN scenario to improve knowledge in CBRN training.

Short description about your JA in national language:

ODTÜ eNotice ekibi ARMINES tarafından düzenlenecek olan ortak etkinliğe katılacaktır. Amacımız, kullanıcı gereksinimlerini tespit etmek ve ciddi oyun konseptlerini KBRN eğitiminde kullanarak eğitim ve farkındalık yaratmaktır.

7.10 Content by University of Rome Tor Vergata

Partner name in English:

University of Rome Tor Vergata

Partner name in national language:

Università degli Studi di Roma "Tor Vergata"

Link to your website:

https://web.uniroma2.it/ **http://www.mastercbrn.com/**

Partner description in English:

The University of Rome Tor Vergata was established in 1982: it is therefore a relatively young University. It was designed on the model of Anglo-Saxon campuses: it stretches on 600 hectares and hosts important research institutions, such as CNR and the Italian Space Agency – ASI, ENEA, ESA-ESRIN, the National Institute of Astrophysics, Monte Porzio Catone Observatory and the National Institute of Nuclear Physics. Right from the start their presence has contributed to turning "Tor Vergata" into a dynamic research pole. Furthermore, the Campus hosts one of the most modern hospitals in Italy, the University Hospital Tor Vergata, a care and research centre where the Medical School is active as well. Since 2009, Tor Vergata organizes the international Master Courses in *Protection Against CBRNe Events*, and became the first and only university that awards students with an Academic title on CBRNe.
The Master courses, organized jointly by the Department of Industrial Engineering and the Medical School, can boast the status of NATO selected, and cooperation agreements with OPCW, the Italian Ministry of the Interior, Ministry of Defence, Presidency of the Council of Ministers, and other national and international public and private entities operating in the field of CBRNe.

Partner description in national language:

L'Università di Roma Tor Vergata è stata fondata nel 1982: è quindi un'università relativamente giovane. È stata progettata sul modello di campus anglosassone: si estende su 600 ettari e ospita importanti istituti di ricerca come CNR e Agenzia Spaziale Italiana - ASI, ENEA, ESA-ESRIN, Istituto Nazionale di Astrofisica, Osservatorio Monte Porzio Catone e l'Istituto Nazionale di Fisica Nucleare. Fin dall'inizio la loro presenza ha contribuito a

trasformare "Tor Vergata" in un polo di ricerca dinamico.
Il Campus ospita uno degli ospedali più moderni in Italia, l'Ospedale Universitario Tor Vergata, un centro di cura e ricerca dove è attiva anche la Scuola di Medicina.
Dal 2009 Tor Vergata organizza i Master internazionali in *Protection Against CBRNe Events* e diventa così la prima e unica università che premia gli studenti con un titolo accademico su CBRNe.
I corsi Master, organizzati congiuntamente dal Dipartimento di Ingegneria Industriale e dalla Scuola di Medicina, possono vantare lo status di NATO *selected* e accordi di cooperazione con OPCW, Ministero dell'Interno, Ministero della Difesa, Presidenza del Consiglio dei Ministri e altri enti pubblici e privati nazionali ed internazionali operanti nel settore della CBRNe.

Where we should put exactly the point on the map?

University of Rome Tor Vergata
Industrial Engineering Department
(Dipartimento di Ingegneria Industriale)
Via del Politecnico, 1 - 00133 Roma

How you would describe the eNOTICE project:

> CBRNe is a wide and complex topic with an apparently small niche of end users. The eNOTICE project is a unique opportunity to maximize the efforts of the different actors operating in the field of CBRNe, to create a wide and robust network of Training Centers, but also to strengthen cooperation among users, stakeholders and CBRNe training, testing and education providers.

How you would describe the idea behind eNOTICE:

> The idea behind eNOTICE is to pool resources within the EU Member states as well as outside EU, to allow CBRNe users requiring training, education and testing facilities, to easily find and access the TCs that suits best their needs. On the other hand, this will promote a more functional distribution of resources among the TCs, and will strengthen the national and international network of practitioners in the field of CBRNe.

How you would describe the main target of eNOTICE:

> Although ambitious, the target of eNOTICE is a necessary step toward the improvement of the CBRNe capabilities of EU Member states, in terms of preparedness of operators, advisors and decision makers. Besides, it will boost the possibilities for industries and research entities to test and validate their products and take a step closer to fill de gap between the available technologies and the user needs.

Università di Roma
Tor Vergata

MASTER CBRNe
Chemical, Biological, Radiological, Nuclear and explosive
Department of Industrial Engineering and School of Medicine and Surgery

7.11 Content by Police National CBRN Centre

Partner name in English:

Police National CBRN Centre

Partner name in national language:

n/a

Link to your website:

n/a

Partner description in English:

The National CBRN Centre

The National CBRN Centre, part of Counter Terrorism Policing, brings together the emergency services to protect and prepare the UK against the CBRN threat.

Working together to support, strengthen and assure a resilient CBRN capability for the UK, Chief Officers from the Police, Fire and Ambulance services lead the Centre's strategy in partnership with military and government agencies. Seconded emergency services personnel deliver the Centre's tri-service strategy to promote an interoperable, efficient, robust and proportionate approach in managing and responding to the CBRN threat.

The Centre takes cognizance of the Counter Terrorism Policing national and international strategies, which reflects the government's counter terror strategy CONTEST. The Centre shares the national vision to reduce the risk of terrorism to the UK and its overseas interests, and to keep the public safe from terrorism.

The Centre's key strategic work streams are:

•   Support emergency services and partners to deliver and develop their CBRN capability to mitigate the impact of a terrorist incident. This includes the provision of 24-hour operational CBRN support to emergency responders, activity to support warning and information awareness campaigns and Command and Control doctrine development.

•   Strengthen emergency service and partner capabilities to provide improved public protection. This includes training and continuous professional development for responders, control rooms and wider partners, facilitation of equipment and mobilization strategies and, increasingly, protective activities to target harden and choke access routes for illicit materials.

•   Assure against standards to inform strategic direction and prioritization of efforts. This includes testing and exercising, sharing learning and the development of international knowledge exchange and expertise.

Where we should put exactly the point on the map?

Ryton on Dunsmore, UK, CV8 3EN

7.12 Content by War Studies University (CBRN Defense Training Centre, Faculty of Military Studies)

Partner name in English:

War Studies University (CBRN Defence Training Centre, Faculty of Military Studies)

Partner name in national language:

Akademia Sztuki Wojennej (Centrum Szkolenia Obrony Przed Bronią Masowego Rażenia, Wydział Wojskowy)

Link to your website:

http://www.akademia.mil.pl/en/

Partner description in English:

War Studies University (WSU) is the strategic level academic entity acting under auspices of Ministry of Defence. CBRN Defence Training Centre and Military Faculty are the subunits of WSU to be involved in eNOTICE project.

The CBRN Training Centre is the teaching unit responsible for planning and organisation of training (education) in the scope of defence against weapons of mass destruction for the command and staff personnel and the personnel specialising in defence against weapons of mass destruction. The educational offer of the Centre is also aimed at the personnel of the external entities, including: crisis management bodies, rescue services and foreign institutions. The Centre is also an analytical and expert institution supporting the elements of the national and European system of defence against weapons of mass destruction. The research area is focused on development of new concepts of CBRN defence organization and technologies implementation to maintain commander's freedom of action for the purpose of NATO/EU lead operations in case of anticipated or actual CBRN hazards.

Main task of Military Faculty is preparation of qualified command and staff officers able to perform tasks at the tactical, operational and strategic level inside national and multinational (allies and coalition) environment. Additionally, Military Faculty is responsible for professional development of command and staff officers in accordance with the needs of the Polish Armed Forces and teaching tasks for the governmental institutions responsible for defense issues.

Partner description in national language:

Wydział Wojskowy i Centrum Szkolenia Obrony Przed Bronią Masowego Rażenia są jednostkami dydaktycznymi Akademii Sztuki Wojennej.

Centrum Szkolenia Obrony przed Bronią Masowego Rażenia (CSOPBMR) jest jednostką organizacyjną Akademii powołaną do prowadzenia działalności dydaktycznej oraz analityczno-publicystycznej w zakresie obrony przed bronią masowego rażenia oraz obszarów pochodnych. CSOPBMR realizuje kursy specjalistyczne dedykowane kadrom wojskowym i cywilnym Systemu Bezpieczeństwa Państwa oraz służbom ratowniczym, zapewniając wiedzę i umiejętności niezbędne na zajmowanych i przyszłych stanowiskach służbowych. Ponadto wspiera pozostałe podstawowe jednostki organizacyjne Akademii w realizacji procesu dydaktycznego na studiach (w tym podyplomowych) i kursach w obszarze szeroko pojętego bezpieczeństwa chemicznego, biologicznego i radiologicznego, rocznie szkoląc kilkaset osób. Dodatkowo, w ramach działalności eksperckiej, Centrum wspiera Europejską Agencję Obrony w ocenie prowadzonych programów badawczych; uczestniczy także w projektach realizowanych pod jej auspicjami. Aktywnie działa także w grupie roboczej NATO ds. szkolenia z OPBMR oraz w ramach kontaktów bilateralnych, z Centrum Doskonałości OPBMR NATO.

Wydział Wojskowy (WW) jest odpowiedzialny za kształcenie i doskonalenie kadr dowódczo-sztabowych na potrzeby systemu dowodzenia i kierowania Sił Zbrojnych RP, we współpracy z sojuszniczymi i narodowymi organami dowodzenia oraz ośrodkami naukowo-badawczymi. WW jest głównym ośrodkiem w zakresie rozwijania, kształtowania i propagowania sztuki wojennej, w tym przede wszystkim: sztuki operacyjnej (myślenia strategicznego) i taktyki, dowodzenia, wsparcia i zabezpieczenia działań.

Where we should put exactly the point on the map?

al. gen. A. Chruściela „Montera" 103, 00-910 Warszawa-Rembertów, Poland

Please don't forget to attach a Logo with a corresponding quality (if possible, we prefer a png-format).

7.13 Content by Scientific and Research Centre for Fire Protection-National Research Institute

Partner name in English:

Scientific and Research Centre for Fire Protection – National Research Institute

Partner name in national language:

Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej – Państwowy Instytut Badawczy

Link to your website:

http://www.cnbop.pl/en

Partner description in English:

CNBOP-PIB is a research and training institute of the State Fire Service of Poland with 45 years of experience. The mission of CNBOP-PIB is activity in relation to ensuring general safety in the field of fire protection, civil protection and crisis management.
The institute has over 20 years of experience in organizing trainings concerning above mentioned areas/ issues. There are open and close trainings offered, as well as conferences, seminars and workshops. There is a possibility of organizing trainings on demand. All trainings are conducted by qualified lectures and practitioners. CNBOP-PIB closely cooperates with both State and Voluntary Fire Service, whose officers often participate in the trainings held in the institute and in its projects.
Moreover, CNBOP-PIB conducts and provides:
- researches, tests and certification of products used for fire protection and personal safety (e.g. equipment and the agents used by firefighting units)
- technical approvals and analysis of fire protection systems
- analyses of the causes and factors behind the spread of fires
- analyses of the processes of burning and explosions
- educational initiatives for common and personal safety
- publishing activities

The institute is also involved in projects related to innovative solutions in the field of fire and civil protection.

Partner description in national language:

CNBOP-PIB jest instytutem badawczym Państwowej Straży Pożarnej, który działa od 45 lat. Jego misją jest działalność na rzecz zapewnienia bezpieczeństwa powszechnego Państwa w zakresie ochrony przeciwpożarowej, zarządzania kryzysowego, ochrony ludności i obrony cywilnej.
Instytut ma ponad 20 lat doświadczenia w organizowaniu szkoleń z ww. obszaru. Oferowane

są szkolenia otwarte i zamknięte , jak również konferencje, seminaria i warsztaty. Istnieje możliwość zorganizowania szkoleń na temat wybrany przez klienta. Wszystkie szkolenia prowadzą wykwalifikowani wykładowcy i praktycy. CNBOP-PIB współpracuje z Ochotniczą, jak i Państwową Strażą Pożarną, której funkcjonariusze często uczestniczą w szkoleniach i przedsięwzięciach organizowanych w instytucie.

Co więcej, w CNBOP-PIB przeprowadzane są:

- badania, testy i certyfikacja produktów używanych w ochronie przeciwpożarowej i ochronie ludności (np. sprzęt i środki gaśnicze używane przez jednostki straży),
- aprobaty techniczne i badania systemów ochrony przeciwpożarowej,
- analizy przyczyn rozprzestrzeniania się pożarów,
- badania procesów spalania i wybuchów,

Podejmowane są także inicjatywy edukacyjne w zakresie stosowania środków ochrony osobistej i zbiorowej, a także wydawane są publikacje.

Instytut bierze udział w projektach dotyczących innowacyjnych rozwiązań w obszarze ochrony przeciwpożarowej i ochrony ludności.

Where we should put exactly the point on the map?

ul. Nadwiślańska 213
05-420 Józefów
Poland

8 Bibliography

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Lawrence, Dave; Tavakol, Soheyla (2007): Balanced Website Design. Optimising Aesthetics, Usability and Purpose. London: Springer-Verlag London Limited.

McNeil, Patrick (2010): The web designer's idea book. Cincinnati, Ohio: HOW Books.

Richter, Michael; Flückiger, Markus (2014): User-centred engineering. Creating products for humans. Berlin: Springer.