

WHAT the HACK?!

NEWSLETTER | APRIL 2021

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WHAT THE HACK?!

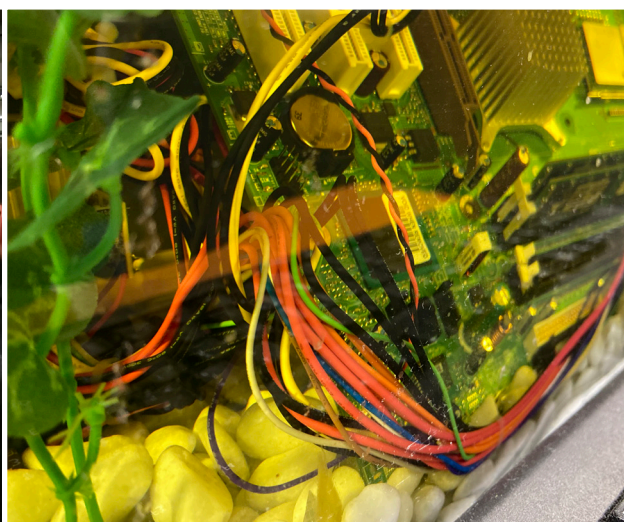
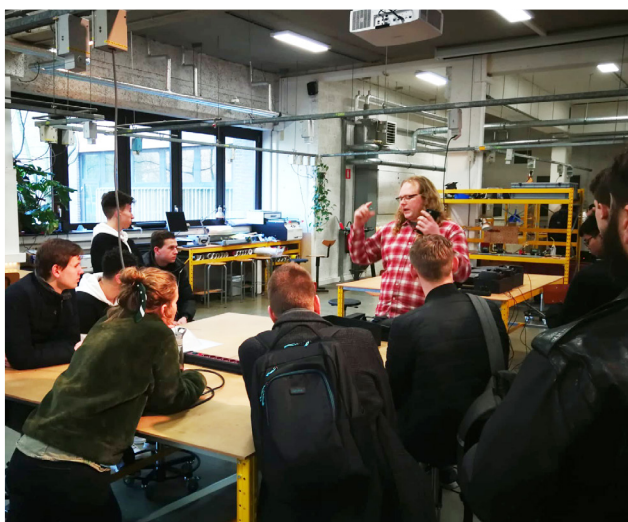
Creating more opportunities for young people in safe cyber space

Find out more on www.what-the-hack.eu and www.what2hack.eu



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KEEPING UP WITH OUR WHAT THE HACK?! PROJECT

The third issue of What the Hack?! Newsletter contains the last news on this project which has been implemented as a KA2 Strategic Partnership for vocational education and training as part of the Erasmus+ Programme funded by the European Commission.

What the Hack?! is an Erasmus+ KA202 project bringing together project partners and experts from the Netherlands, Belgium, Estonia and Spain.

The WHAT THE HACK?! Project is primarily aimed at young people within VET education and others outside it-especially the so-called NEETs. The project is open to digitally aware young people, gamers, school leavers, people from the autism spectrum and young people who need a challenge in their current education.

The project will target NEETS and VET students with ICT affinities from different sectors and enable students from different backgrounds to learn from each other.

NEETS, VET students from different sectors with affinity with ICT will be targeted by the project allowing students from different backgrounds to learn from each other.

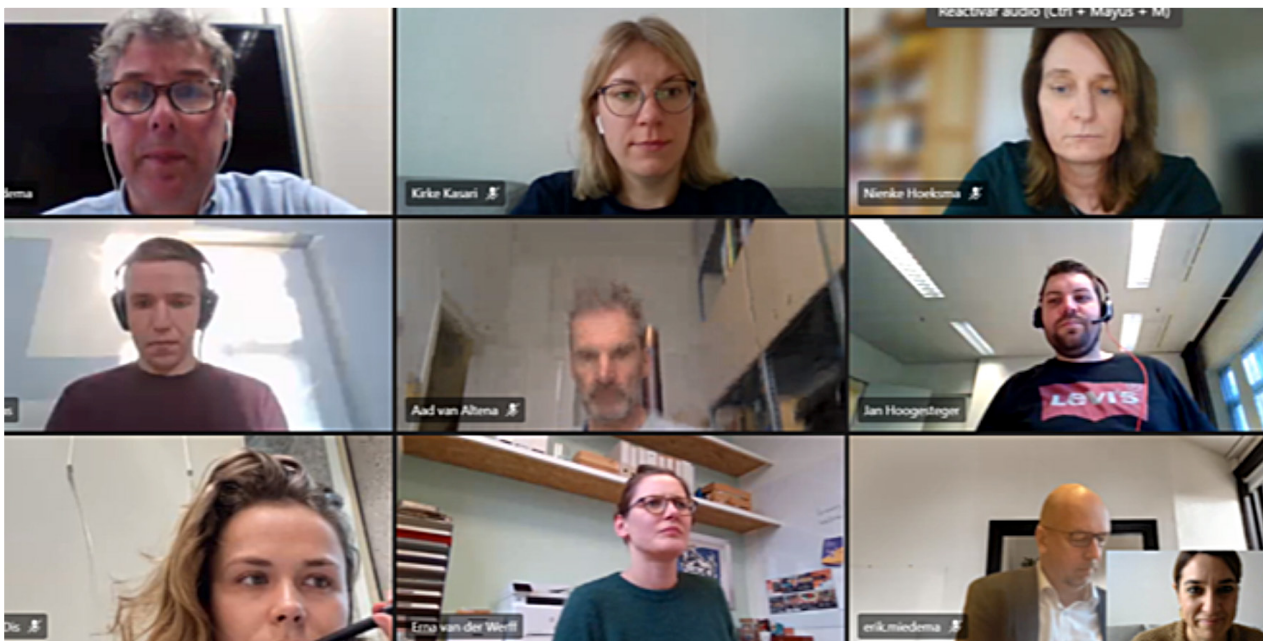
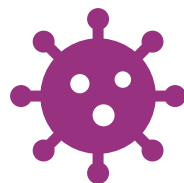


STILL WITH THE COVID-19 RESTRICTIONS

Online Project Meetings

The pandemic is lasting much longer than originally expected! The situation in the partner countries remains very complicated, with very strict mobility restrictions in many of them. Due to this, the face-to-face activities to be developed within the What The Hack ?! they remain undeveloped. But that does not mean that the consortium has been stopped! We have held a monthly online meeting for the last few months. This has allowed us to advance and maintain the good pace of development of the project.

We are waiting to be able to evaluate if the situation improves and to be able to resume face-to-face transnational meetings.





DISSEMINATION EVENTS

In **Spain**, following the same methodology used for the event held on April 3, 2020, Teknika is organizing a new online event for the dissemination of the European Projects that are being developed in the area.

The date for the event is estimated to be at the end of May. Cebanc will take part in the event disseminating its projects and of course, talking about the results and actions that are being carried out within the What The Hack! Project.

It is expected that this event will have the same success and attendance as the previous one and will contribute to reaching many people with our Project. We will inform about it in the next newsletter!

We are happy to say that our project is getting some national attention in **Estonia**. A small article about the project has been written to a national "Targalt Internetis (wisely online)" newsletter.

And a more thorough article is also being developed to a national newspaper and/or portal which is going to be published by the end of March. New Estonian Hack lab will be opened after the summer 2021. This will be widely published in our next newsletter.

Our partners in **Holland** will present the What the Hack project at the new Digital Workplaces Friesland starting March 2021 and at the Digitale top too, we are sure we will get a big echo!



INTELLECTUAL OUTPUTS (1)

IO1- WHAT THE HACK?! Blended training programme for young people

Our student training programme is taking shape, introducing vocational students to the world of ethical hacking. Based on the extensive research carried out by partners, we've created a programme which takes students step by step through the basics of cybersafety and cybersecurity before tackling what ethical hacking is. Once they've mastered that, they'll explore the different education and career paths open to them if they're serious about becoming an ethical hacker.

Now that the framework with modules, learning objectives and assignments has been set up, it's over to the partners to get creative and make our first materials for students to try out!



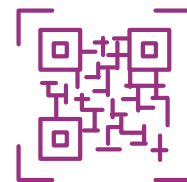
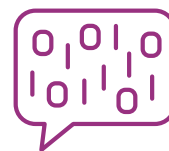
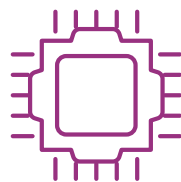
INTELLECTUAL OUTPUTS (2)

I03- WHAT THE HACK?! Blended training programme for Hack-Lab coaches

I03 is a training programme for ICT professionals who want to become Hack-Lab coaches. This training programme will prepare professionals from the ICT industry with a pedagogical foundation and assist them to engage in non-formal education.

The training programme will include self-paced learning materials, guidelines and tools on the following topics:

- Cybersecurity Related Law
- Communication
- Learning Environment
- Personality Traits
- Motivation
- Teaching Methods
- Assessment and Feedback
- Lifelong Learning



The project consortium has finished its research for the development of this training programme. During the research, regional ICT professionals/teachers/coaches were asked for feedback to the proposed learning objectives of this training programme. The feedback is quite satisfactory:

- In general, most of the proposed learning objectives were well received by the respondents
- Just a few of the proposed learning objectives were seen as “Not important” by some
- The respondents added that “Group Management” should be included in this programme

Now that the feedback is processed, the project consortium will start developing the framework of this training programme and the learning materials, guidelines and tools to be used in every topic.

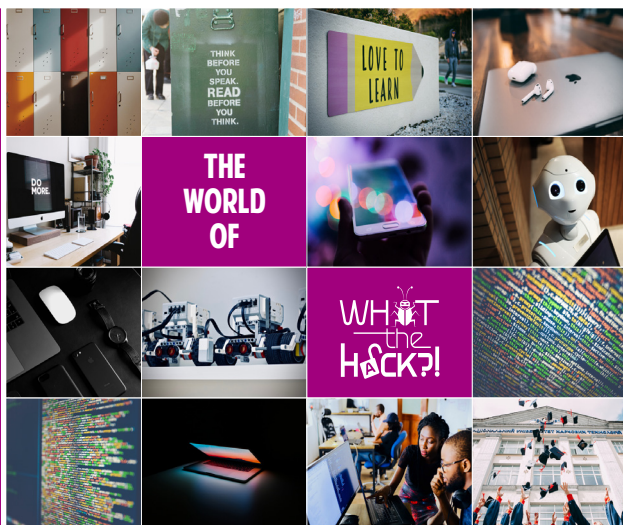


INTELLECTUAL OUTPUTS (3)

104- WHAT THE HACK?! Online Community and Platform

After a long search process, the partnership has finally found a party that wants to develop the website with us to create our Online Community and Platforms. On March 19, we started the collaboration with four students from the app development course at Friesland College in Heerenveen. During the first meeting, the students felt very pleasant. Our wishes have been expressed and the students have asked us several questions.

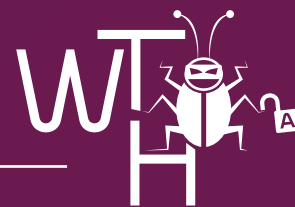
The students are now in the development phase, and the evaluation of the process will be seen during the next weeks. After the development of the website, the partnership will be able to run in on its own.



LOOK AND FEEL



Type of photography
Colour use



ACTIVITIES

Capture the Flag

“Capture the Flag events are the perfect area for specific training goals. They provide an opportunity for fun, self-driven learning where participants can practice, learn, and teach each other new skills. They’re a great way to improve team work, sharpen people’s problem-solving skills, and spot talent”. On the 25th of January was the international Kickoff for the Capture the Flag Challenge hosted by Friesland College, for all the co-partners in the project What the Hack?! It’s all about Security, This is a KA2 project funded by the European Committee for youngsters to make the digital world a safer place.

Guest Lecture

Fabian de Wit, who is Security Officer at the Accell Group in Heerenveen and Security-lecturer at Friesland College, started by sharing some details of his workload. He showed the diversity of vulnerabilities of ICT infrastructure and, off course, how the secure the system against unwanted visitors. The next lecture was giving by Dennis Veenstra, a forensic expert at Department of Justice & Safety in North-Netherlands, he told an impressive story on the amount of (digital) attacks criminals force on the civil population. It’s quite scary to see that the ‘old school’ burglars are transforming their businessmodel to hacking in order to gain money.

The Juice Shop

The next day was all about the Juice Shop; an online web-application to discover all sorts of vulnerabilities. And on top of that it is presented in an competitive environment. So, all the teams from Belgium, Spain, Estonia and Holland were very keen on having a good start. Students from Estonia and Spain were spot on with their knowledge and experience. But during the challenge the Dutch students came along side and managed to win the competition by just a few points difference. At the end of the day the vulnerabilities were discussed with all participants and feedback was given on several issues in the Juice Shop. The students were very enthusiastic about the Capture the Flag Challenge, and although they preferred to see eachother live, everyone would join again in the near future.

CAPTURE THE FLAG CHALLENGE – WHAT THE HACK! invitation and explanation



CAPTURE THE FLAG

WHAT THE HACK?!

WEDNESDAY 27TH OF JANUARI AT 12.00 (UTC+1):
meeting teachers involved concerning content and how to compose teams by level. (invitation by Teams will follow this week), in the attachment the instructions for Tuesday Juice Shop. Please share and prepare this with your teachers and students before we start on Tuesday with Juice Shop Challenge.

MONDAY 1TH OF FEBRUARY AT 09.00 (UTC+1):
09.00 (UTC+1): meeting with teachers/coaches involved by Peter Miedema and Eadric Wildeboer: to solve/discuss the last problems/questions
12.00 (UTC+1): introduction and get to know eachother by Peter Miedema
13.00 (UTC+1): Intro to Wednesday by Eadric Wildeboer
14.00 (UTC+1): Cyber Security lecture by Fabian de With
15.00 (UTC+1): Cyber Security lecture by Sander Veenstra

TUESDAY 2TH OF FEBRUARY AT 09.00 (UTC+1):
09.00 (UTC+1): intro and explanation Juice-shop by Thomas van der Berg
juice-shop/README.md at master · bkimminich/juice-shop · GitHub
09.30 (UTC+1): start of the challenge
14.30 (UTC+1): evaluation challenge by Thomas van der Berg
15.30 (UTC+1): intro Wednesday by Eadric Wildeboer

WEDNESDAY 3TH OF FEBRUARY AT 09.00 (UTC+1):
09.00 (UTC+1): intro defense building infrastructure / Technical Design by Eadric Wildeboer
09.30 (UTC+1): time to build
14.30 (UTC+1): evaluation of infrastructure

THURSDAY 4TH OF FEBRUARI AT 09.00 (UTC+1):
09.00 (UTC+1): energizer by Peter Miedema
09.30 (UTC+1): introduction attack/defense by Eadric Wildeboer
14.30 (UTC+1): evaluation of the challenge
15.00 (UTC+1): Say goodbye to your friends



PARTNERS

Four regions will participate in the WHAT THE HACK?! Project. They all share the ambition to make the cyber world a place of safety and opportunity for young people inside and outside VET. All four regional consortiums will include a VET institution and an ICT regional stakeholder.

The following are the project partners:

- P1 Friesland College - D'Drive - NL
- P2 Learning Hub Friesland Foundation - NL
- P3 Foundation for Cybersafety Northern Netherlands - NL
- P4 GO! Technisch Atheneum Zavelenberg - BE
- P5 Cebanc - ES
- P6 Fanaad - NL
- P7 Pärnumaa Vocational Education Centre - EE
- P8 Information Technology Foundation for Education (HITSA) - EE



This project has been funded with support from the European Commission. The author is solely responsible for this publication (communication) and the Commission accepts no responsibility for any use may be made of the information contained therein.