



is a non-profit, independent and non-partisan association addressing  
cross-cutting security issues in IT/cyber security and  
critical/strategic infrastructures in Austria

# Our strategic goals

- Raising awareness that adequate security excellence is imperative for our society
- Benchmarking for young people, schools and universities
- Early discovery and promotion of IT security talents
- Development of long-term models to anchor IT security excellence in the education sector
- Raise attractiveness of cybersecurity / digital literacy for young people and our society
- Fingerprinting and human sensor project on available talent and resources
- National and European networks
- Development of sustainable IT security basis networks
- Development of resilient infrastructures /Secure Base layer for communication & supply networks
- Security Research Concentration (VISP) / Security Ecosystem ([www.visp.wien](http://www.visp.wien))

# Why the Hell a HackerChallenge ?



CyberSecurity Exzellenz  
Is a product of coincidence

Sustainable Structures for cybersecurity excellence growth

# Rising Demand for IT (Security) Experts

## Rising Deficit of Experts/Expertise

- hypothesis: There will be too few IT security specialists for the needs of our society !! Demand is increasing faster than our resources can be provided. Growing GAP!!
- consequence: Less security, increasing risks, fewer projects, loss of competitiveness, project delays and loss of projects, reduced resilience, rising costs, etc
- vision: Sustainable cooperation between public sector / companies with education / research sector to increase quality / quantity of graduates Institutional Knowledge Transfer - Business / Education

# Expert Deficit ? Lack of Expertise ?

How bad is this going to be?

Digitalization of our societies includes a lot of chances...

No doubt - this chances should be taken ...

Digitalization of our societies includes a lot of risks...

No doubt - this risks have to be mastered...

For both, highly motivated and top qualified talents are indispensable

**6 month course? Fast –Qualification Initiative ? Education Reform ?**

**To become a Security Experte it takes 12-15 years !!**

Stopping sophisticated threats requires sophisticated teams requires sophisticated talents



# CyberSecurityChallenges

## AustrianSuccessStory all over the world



2014- 2022



**Successstory**  
European CyberSecurityChallenge

1.  Austria	Cyber Security Austria	15.  Netherlands	Challenge The Cyber
2.  Belgium	Cyber security Challenge Belgium	16.  Norway	NHOU
3.  Cyprus	Cyprus Cyber Security Challenge	17.  Poland	CERT.PL
4.  Czechia	Cyber Security Competition Czech	18.  Portugal	Cyber Security Challenge Portugal
5.  Denmark	By Børstelise Cybermesterskaber	19.  Romania	Romanian Cyber Security Challenge
6.  Estonia	CyberOlympics	20.  Slovenia	Slovenia
7.  France	France Cybersecurity Challenge (FCSC 2021)	21.  Spain	<a href="https://www.uncba.es/hackweek">https://www.uncba.es/hackweek</a>
8.  Germany	Cyber Security Challenge Germany (CSG 2021)	22.  Switzerland	Swiss Hacking Challenge
9.  Greece	Hellenic Cyber Security Team	23.  Finland	<a href="https://challenge.fi">https://challenge.fi</a>
10.  Iceland	Nettorgsgreppni Islands	24.  Slovakia	<a href="https://cybercompete.nsa.sk/novomacie-dv-eco-2021/">https://cybercompete.nsa.sk/novomacie-dv-eco-2021/</a>
11.  Ireland	Zero Days CTF	25.  Sweden	<a href="https://www.ssh.se/ssi/c">https://www.ssh.se/ssi/c</a>
12.  Italy	CyberChallenge IT	26.  Croatia	<a href="https://www.cert.hr/gigante-eu-nat-hackeinge-hackville-2-0">https://www.cert.hr/gigante-eu-nat-hackeinge-hackville-2-0</a>
13.  Liechtenstein	Cybersecurity Liechtenstein	27.  Malta	To be confirmed
14.  Luxembourg	Leto Cybersecurity Challenge		

Guest-teams



Since 2011

~ 600 participants  
2021

ACSC as reference  
model

since 2014  
17.000 talents all over  
Europe 2021

Based on ACSC

20.000 Security Enthusiasts  
from all over world

# openECSC

Your Talents – Your Teams are highly Wellcome !!

