CYBERWAL BY DIGITAL WALLONIA
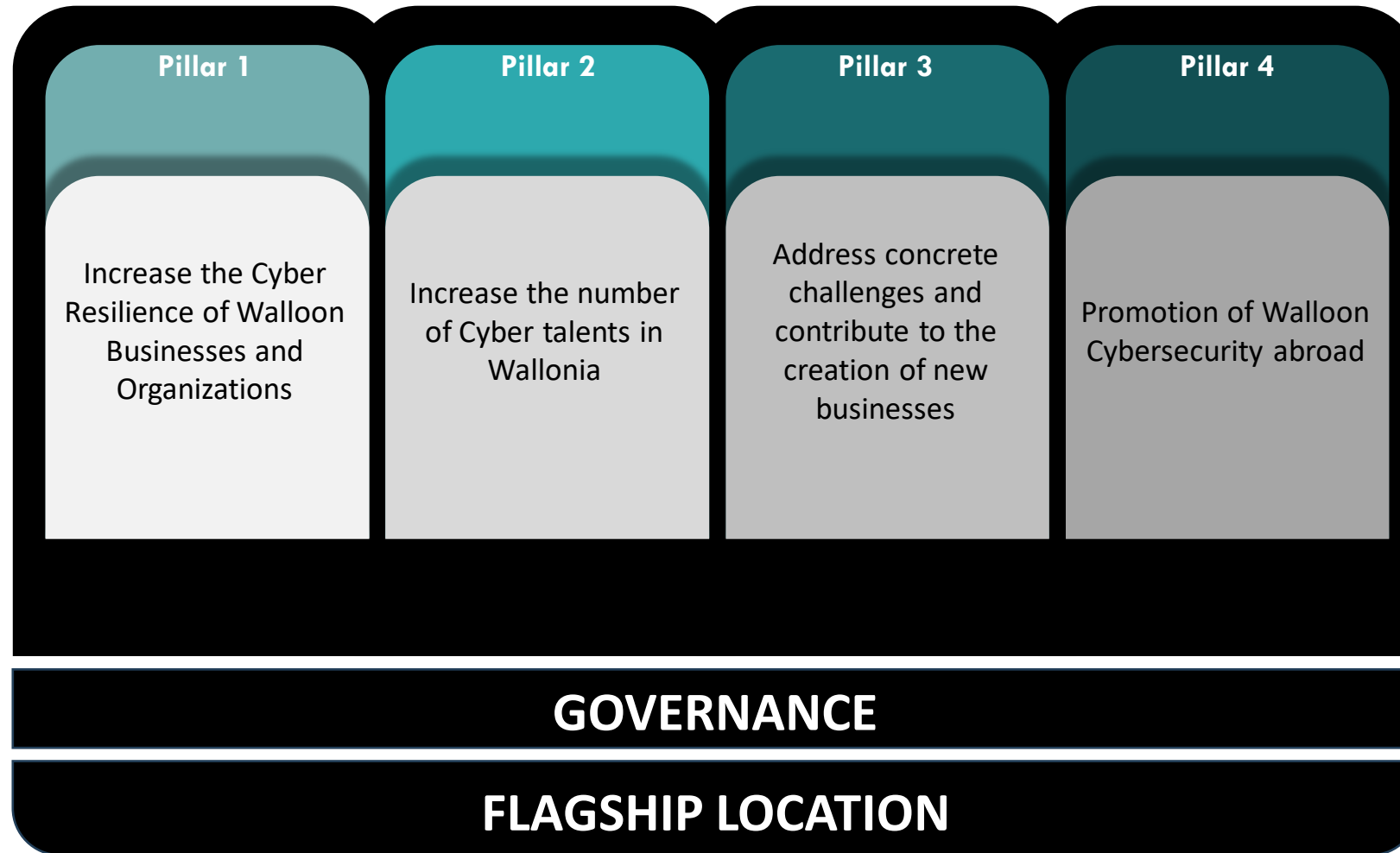
Jeremy GrandClaudon
Senior Cybersecurity Expert, AdN

Nina Hasratyan
Cybersecurity Expert, AdN

1

Overview

CYBERWAL

Pillar 1	Pillar 2	Pillar 3	Pillar 4
Increase the Cyber Resilience of Walloon Businesses and Organizations	Increase the number of Cyber talents in Wallonia	Address concrete challenges and contribute to the creation of new businesses	Promotion of Walloon Cybersecurity abroad

GOVERNANCE

FLAGSHIP LOCATION

1. Usage

Objective:

Inform and mobilise the citizen and organisation (private and public) on cybersecurity.

Strengthen the adoption of **good digital hygiene.**

- Through:
    - **Media campaigns** for the general public (citizens) and specialised audiences (businesses, healthcare, public sector, …);
    - **Centralised content** (cyberwal.be and digitalwallonia.be);
    - **Informational events** (e.g. CyberNight, Capture the Flag);
    - **Educational events** targeting businesses;
    - **'Cyber-Score'** tool;
    - Tool for **15-20-year-olds**.

- Targeted sectoral ecosystems in 202-2024:
    - **Industry 4.0**
    - **Healthcare sector**
    - **Public sector**
    - **Education**

Campaign
"Un petit clic peut devenir une grande claque"

Principles:

Communication campaign targeting citizens warning on the dangers of **phishing.**

Available in **FR**, **NL**, **EN**, and **DE**!
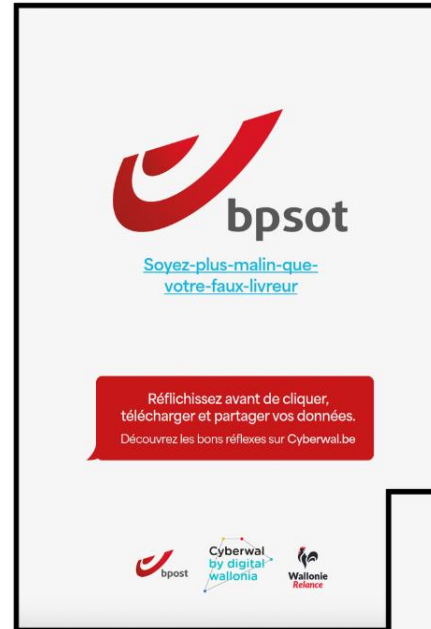
"Glitch" campaign (Logo hijacking)

Principes :

Communication campaign targeting citizens and employees warning about the dangers of **phishing.**

Modifies the logo of well-known brands in Wallonia.

Partnership with: Proximus, ING, bpost, Febelfin, TEC, SNCB and itsme.

Principes :

Communication campaign targeting citizens and employees warning about the dangers of **phishing.**

Modifies the logo of well-known brands in Wallonia.

Partnership with: Proximus, ING, bpost, Febelfin, TEC, SNCB and itsme.

"Chèques entreprise" : Cyber vouchers

Principles:

Provide financial support **to SMEs** (European meaning: 250 FTEs / 50 M€ in revenue).

Improve the level and mastery of IT security in Walloon businesses.

Support the **creation and diffusion of a Cybersecurity label** in Wallonia (KIS)."

- **Principles:**
  - **Online procedure** (www.cheques-entreprises.be)**;**
  - Expanded scope: **promote the digital transformation of economic actors** in all its forms**;**
  - Fast processing (**response within 5 business days**);
  - Preferred target: starters and SMEs;
  - Created as a 'business electronic wallet' (100,000€ in aid per calendar year, 200,000€ maximum over three years).

- **Eligible services:**
  - **Consulting and support**: audit, risk analysis, redaction of a cybersecurity policy, implementation, certification.

- **Limits and intervention rates:**
  - 50,000€ over 3 years (75% subsidy).

Digital simulator

Principles:

Provide a **practical and concrete demonstration** of the effects and consequences of a cyberattack, in order to make the issue of cybersecurity **more tangible** for the participants.

- A **virtual environment** with **various scenarios** for cyberattacks.

- Scenarios with different processes, targets, exploited vulnerabilities and consequences.

- Available on a **roaming basis** starting from 2025.

- For who?

  - **Decision makers**.

  - **All types of audiences**, technical or not.

  - **48 scenarios** distributed by sectors (healthcare, industry 4.0, public sector, SMEs, cross-sector) and by attack complexity.

  - Used during events and conferences for targeted audiences.

Walloon Cyber Response Team (CRT)

Principles :

Offer **support** for assistance requests from public sector actors by guiding them through the **initial steps during or after an incident** and connecting them with relevant partners.

- Formed after **consultation and agreement with the CCB and CERT.be**.

- Launch starting from **2025**.

- **On-site intervention** to contain cyberattacks.

- Contributes in advance to preparing for and managing cyber incidents.

- Ensure **links with federal and international initiatives** (best practices, feedback, etc.).

- **For who?**
  - Public services
  - Healthcare sector
  - Schools

Cybersecurity Toolbox for SMEs

Principles:

Contribute to **improving the cybersecurity of businesses**.

Provide an introductory video, **free and verified tools**, and additional resources.

Assist businesses with **essential cyber hygiene**.

- **Partnership with Global Cyber Alliance (GCA)**

1. Identifier vos appareils et applications
L'Inventaire

2. Mettre à jour vos défenses
Mettre à jour vos appareils et applications, Chiffrer vos données Sécuriser vos sites web

3. Éviter l'emploi de mots de passe simples
Mots de passe forts, 2FA

4. Prévenir l'hameçonnage et les logiciels malveillants
Antivirus, Sécurité DNS (Quad9)

5. Sauvegarder et récupérer
Configurer et planifier des sauvegardes

6. Protéger vos emails et votre réputation
DMARC et vérifications du site Web

Boîte à outils de cybersécurité de la Global Cyber Allia...

GCA Cybersecurity Toolkit

Regarder sur YouTube

SCAN ME

12

CyberWeek

Principles:

Organise **each day an event in a Walloon city** around a theme related to cybersecurity.

Allow **stakeholders from the same ecosystem** to meet, exchange ideas, and increase their cyber maturity together.

Mobilize and train businesses, citizens, and public services in cybersecurity."

- **CyberWeek 2023 :**
  - **5 days:** from October 11 to 15, 2023;
  - **5 cities**: Charleroi, Namur, Liège, Marche-en-Famenne, Louvain-la-Neuve ;
  - **5 targeted audiences**: Industry 4.0, public sector, SMEs, healthcare, students;

  CyberWeek 2025 : 15-16 October

- **CyberWeek 2024 :**
  - **5 days**: from October 14 to 18, 2024;
  - **6 cities**: Liège, Louvain-la-Neuve, Wavre, Mons, Namur, Charleroi ;
  - **6 targeted audiences**: Industry 4.0, public sector, SMEs, healthcare, research, students.

2. Skills

Objective:

Increase the number of people who have followed a formation in cybersecurity in Wallonia.

Reduce the shortage of cybersecurity experts in Wallonia.

- Main activities:
  - **Comprehensive traning catalog;**
  - **New trainings;**
  - Documented **network** of cybersecurity **trainers**;
  - Basic **Wallon cyber training**.

Principles:

Partnership with Ataya & Partners to give a short training **for decision makers in Walloon organisation.**

3 training sessions with a **total duration equivalent to 1 day**.

Interactive, participatory, and **tailored** training

- Objectives:

  Engage participants on the challenges and risks related to cybersecurity;

  - **Engage** participants on the **challenges and risks** related to cybersecurity;

  - **Provide basic knowledge** on concepts, standards, and best practices;

  - **Present the main cyber threats** that concern them;

  - Present appropriate **protection and prevention measures**;

  - **Offer tools and resources** to **assess the security level** of their company.

- Targeted audience:

  - **Upper et middle management**

  - Audiences: industry 4.0, public sector, healthcare

Principles:

Book for 15-20-year-olds, to help them navigate the Internet safely, understand the intricacies of the cyberspace, and explore the opportunities available to them, with a **realistic and pragmatic approach.**

- **Topics covered:**
  - Online security basis
  - Common threats
  - How to identify threats
  - Best practices to adopt
  - How to react in case of a security incident
  - Future prospects and employment opportunities in cybersecurity

- Written in partnership with the CCB, APD, CyberCommand, local and federal polices.

- **Aim to be distributed in schools:**
  - Objective: 80,000 copies ordered.
  - Practical tool for teachers.
  - Cyberwal offers **dedicated instructors**.

More than 40,000 copies already ordered!

3. Research

Objective:

Establish a **core set of tools and solutions** based on effective and thoughtful cybersecurity.

Promote Wallonia's competitiveness internationally.

- Collaboration between Digital Wallonia and IIS Cyberwal to **combine research and the on-the-ground needs** of businesses.

- Two practical aspects:
  - Development of **research projects** in collaboration with businesses to address industrial challenges;
 - Construction of a **'Factory'** housing demonstrators for public use.

4. Outreach

Objective:

Position Wallonia favorably on the topic of Cybersecurity **in Belgium, Europe, and the rest of the world**.

- Through:
  - **European projects** (e.g. Interreg CYBER and its partners from Spain, Italy, Belgium, Slovenia, Slovakia, France, and Estonia);
  - Participation in **international cybersecurity events**, including the InCyber Forum;
  - Development and strengthening of **relationships with the federal level** (e.g. Belgian Cybersecurity Centre and FPS Economy);
  - Contribution to other **key projects** (e.g. DIANA, Quantum Initiative, Upcoming Feder Program, project calls from FPS Economy).

- Partners:
  - Awex
  - WBI
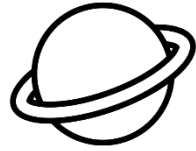
A **Walloon site:** Redu / Galaxia

Two **demonstrators:**
- A **quantum testing** laboraty
- A **Cyber Range**

Thematic **research** semesters
derived from public and private sector challenges

Cutting-edge **trainings**

Winter schools

DIGITAL WALLONIA
www.digitalwallonia.be
info@digitalwallonia.be
@digitalwallonia

WE LOVE DIGITAL

AGENCE DU NUMÉRIQUE
Av. Prince de Liège, 133
5100 Jambes
+32 (0)81 778080
www.adn.be

WE KNOW DIGITAL

STÉPHANE VINCE
Director,
Pôle Technologie et
Administration Numérique
stéphane.vince@adn.be

WE MAKE DIGITAL
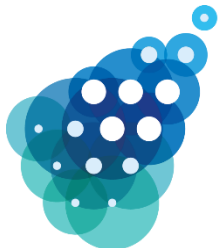
JEREMY GRANDCLAUDON
jeremy.grandclaudon@adn.be

NINA HASRATYAN
nina.hasratyan@adn.be

AdN