

NS

NetSec · CA24154

DELIVERABLE D1 · DOCUMENTATION PACK

Website & Open Directory

Architecture, design system, and admin handover
for the COST Action NetSec website.

COST ACTION

CA24154 · Networking
European Security
Knowledge

VERSION & DATE

v1.9.3 · May 2026

AUTHOR

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MC member  · ETH Zurich



Funded by the European Union
through COST — European Cooperation
in Science and Technology.

netsec-cost.eu

The website & directory in numbers and features

A snapshot of what netsec-cost.eu ships today — the people it covers, the funding it points to, the technology that holds it together, and the standards it meets.

30

Participating countries — every EU/COST state with a national representative.

49

Management-Committee members listed in the open directory.

4

Working Groups, each with a chair, vice-chair, and dedicated roadmap.

5

Grant schemes documented: STSMs, Conference, Dissemination, Training, ITC.

4 yrs

ACTION DURATION

3

UI LANGUAGES

~51 %

WOMEN ON MC

€2 100

MAX GRANT

4

ITC GRANTS

€0

MONTHLY HOSTING



Apple-style glass UI

Glassmorphic cards on a dynamic aurora background, light + dark themes.



WCAG 2.1 AA

EN 301 549-aligned; zero axe-core violations on the home page.



Mobile-responsive

Every page reflows cleanly from 4K down to a 320 px phone.



Multilingual

English authoritative; French and German variants in beta with hreflang.



Auto-sync

Weekly GitHub Actions pull bios from a Google Form and MC roster from cost.eu.



SEO-ready

Open Graph + Twitter Card + JSON-LD + sitemap + canonical URLs on every page.



GDPR-compliant

No analytics or tracking pixels; consent-gated form pipeline; full privacy notice.



Dual-licensed

Code under MIT; site copy and assets under CC BY 4.0. Reuse-friendly.

What's in this document

A self-contained reference for everyone who builds on, hands over, evaluates, or simply uses the NetSec website. Each chapter stands alone; read end-to-end for a tour, or jump in by section.

01 Overview & purpose

What the site is, who it serves, and the principles behind every design choice.

02 Architecture

Tech stack, page-by-page inventory, data-flow diagrams for the weekly sync workflows, repository layout.

03 Design system

Colour tokens, typography, components, motion budget, iconography, accessibility checklist.

04 Translation & multilingual posture

How the FR/DE beta variants work, the drift-checker workflow, what falls in/out of scope.

05 SEO & discoverability

Open Graph, Twitter Card, JSON-LD, canonical URLs, hreflang, sitemap, 404 strategy.

06 Admin guide

Every account, login, and asset the site depends on; routine tasks; escalation; handover checklist.

07 Security & DevSecOps

Threat model, coordinated-disclosure policy, GitHub-native security automation, supply-chain and operational hardening.

08 Appendix A · Accessibility standard & assessment

WCAG 2.1 AA target, EN 301 549 alignment, latest self-assessment results, known limitations, reporting route.

09 Appendix B · Licensing

The dual MIT + CC BY 4.0 model and suggested attribution.

10 Appendix C · Promotional poster

An outward-facing A3 poster of the Action, ready for conferences, training schools, and noticeboards.

11 Appendix D · Changelog

Per-version summary of what this documentation pack records — kept last so the most recent revision is the final page.

How to read the diagrams

Diagrams in this document are the same Mermaid sources that live in the [docs/](#) folder of the GitHub repository. They render natively on github.com so anyone with read access can navigate the live versions there. The PDF embeds them as a frozen snapshot.

01 Overview & purpose

What the site is, who it serves, and the principles behind every choice.

What this site is

The NetSec website is the official front door of **COST Action CA24154 — Networking European Security Knowledge**, served at netsec-cost.eu. It is a static GitHub Pages deployment with two scheduled data-sync workflows and one third-party form processor. There is no database, no CMS, and no build step.

It doubles as **Deliverable D1** of the Action's Memorandum of Understanding — the open community directory that the Action committed to publishing.

Three audiences, one deliverable

Every decision in the site's design weighs three audiences against each other. A change that helps one without hurting the others is good. A change that needs to "pick a side" probably isn't ready.

The wider research community

Anyone working in or alongside European security studies. The site explains what NetSec is, who's involved, what's on the calendar, and how to engage.

Members & grant applicants

Practical resources: grant calls, the e-COST workflow, deliverables, the roadmap. The Network directory and Grants page are written for them.

External evaluators & funders

COST and the European Commission, for whom the site stands as visible evidence that Deliverable D1 has been met. Privacy compliance, accessibility statement, and licensing terms are written with them in mind.

Design principles

- 1. Restraint over decoration.** White space, generous line-height, and one strong colour beat busy gradients.
- 2. Glass cards as the unit of UI.** Almost every distinct piece of information sits on a glassmorphic card; they define hierarchy.
- 3. Stroke icons for generic glyphs, brand icons for brands.** Same concept, same icon — every conference grant gets the same microphone; every contact item gets the same envelope.

4. **Motion is a hint, not a feature.** Hover transforms ≤ 4 px, transitions ≤ 300 ms, no parallax or scroll-jacking.
5. **British English** in all user-facing copy.
6. **Accessibility first.** Every interactive element is keyboard reachable; every colour pair meets WCAG 2.1 AA; skip-links land on `#main`.

COST ACTION · EUROPEAN COOPERATION IN SCIENCE & TECHNOLOGY

Networking European Security Knowledge

An inclusive, multidisciplinary network integrating diverse perspectives on European defence and security — bridging the academia-policy divide and cultivating the next generation of security scholars.

Security Studies

European Defence

Strategic Autonomy

Policy Impact

Discover the Action

Join the network [↗](#)

● COST Action [CA24154](#) · running 10 Oct 2025 – 09 Oct 2029 [↗](#)

ACTION NUMBER

CA24154

MOU

063/25

CSO APPROVAL

19 May 2025

DURATION

10 Oct 2025 – 09 Oct 2029

● STARTS IN 18 DAYS

2026 European Security Studies Conference

11–12 June 2026 · Stockholm University

View programme →

📅 Add to calendar

UPDATES

Latest News

Announcements, calls, and milestones from the NetSec community.

Now open

NetSec Grants: Applications now open

Applications are now open for all five NetSec grant categories — Short-Term Scientific Missions, Virtual Mobility Grants, and three Conference Grants (Young Researcher & Innovator, Inclusiveness Target Country, Dissemination). Open to the wider research community, not just Action participants. Submissions go through e-COST; see eligibility and amounts on the

Applications closed

NetSec Summer School: applications closed

The call for the 2026 NetSec Early-Career Scholars Summer School in Stockholm (9–11 June 2026) closed on 1 March 2026. Selected participants will be contacted by the scientific coordinators in due course. A new call for the next training school will be announced when the 2027 cohort opens.

10 October 2025

NetSec officially launched

COST Action CA24154 (MoU 063/25) is live, with leadership and Working Group structure now in place across 30 participating countries. The inaugural Management Committee plenary will be announced shortly.

Grants page.

[View grants & apply →](#)

[View the school ↗](#)

[Meet the team →](#)

ABOUT

Overcoming fragmentation in European security studies

NetSec addresses the fragmentation of Europe's intellectual and analytical base in security studies — fragmentation that hinders the EU's pursuit of strategic autonomy and its ability to respond to complex security challenges.

The Action fosters synergies across national and local epistemic communities, bridges the academia-policy divide, and addresses gender and generational imbalances in the field. Through interdisciplinary research, annual conferences, policy workshops, a mentorship programme, and a summer school, NetSec contributes to a cohesive European security studies community.

By connecting academic, policy, and practitioner communities across the continent, NetSec advances Europe's strategic autonomy in an increasingly complex global security environment.

1 Inclusive Network for Knowledge Exchange

Building a multidisciplinary community across academia, policy, and practice.

2 Translating Knowledge into Policy Impact

Closing the gap between research and decision-making on European security.

3 Developing Skills, Methods & Tools

Equipping the next generation of security scholars to address fragmentation.

FIND OUT MORE



FAQ

Common questions on joining, grants, meetings, and the website — answered in one place.



Glossary

MC, STSM, ITC, MoU, e-COST... every acronym you'll meet in your first month, explained.



Press kit

Logos, the boilerplate description, suggested funding acknowledgements, and media contacts.



Roadmap

What's shipped, what's underway, and what comes next for the website and the open directory.

Figure 1 · Home page hero, light theme. Glass nav bar, gradient title, two CTAs, "Join the network" links straight to the open Google Form.

ABOUT

About NetSec

An inclusive, multidisciplinary network bridging Europe's intellectual and analytical communities on security — across academia, policy, and practice. NetSec is COST Action CA24154, running from October 2025 to October 2029.

JUMP TO

[The Action](#)
[Leadership](#)
[FAQ](#)
[Glossary](#)
[Relationship with EISS](#)

The Action

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■ Milestone (M = month from start)

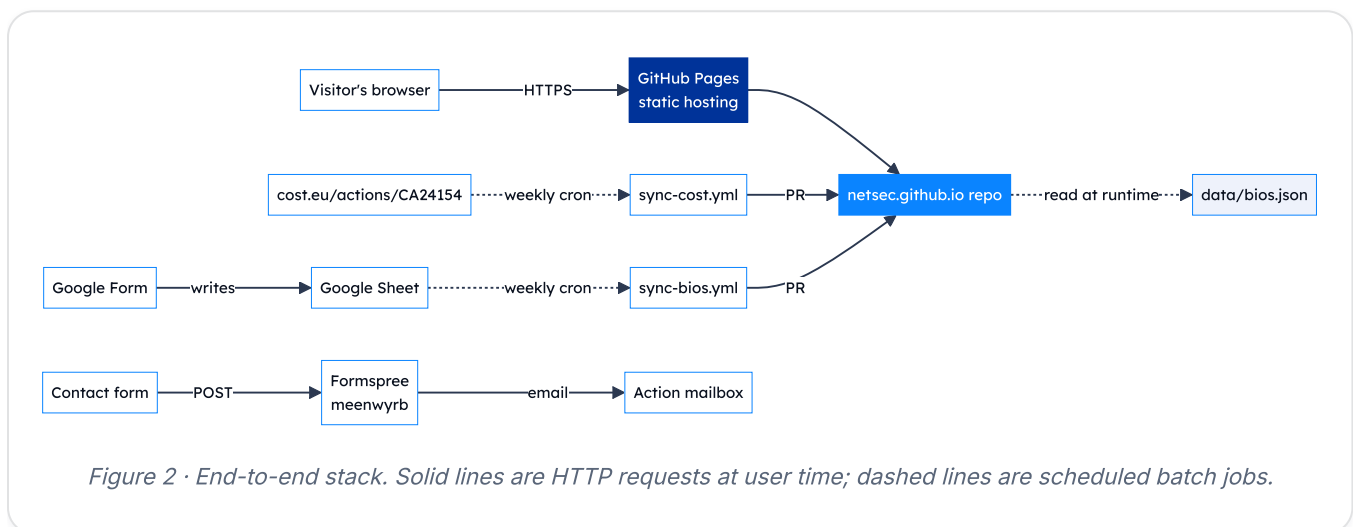
| DELIVERABLE | Year 1 2025 – 2026 | | | | Year 2 2026 – 2027 | | | | Year 3 2027 – 2028 | | | | Year 4 2028 – 2029 | | | |
|---|-----------------------|----|----|-----|-----------------------|----|----|-----|-----------------------|----|----|----|-----------------------|----|----|-----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| D1 First version of NetSec directory (updated regularly) | | | | M12 | | | | | | | | | | | | |
| D2 First draft of manifesto | | | | | M15 | | | | | | | | | | | |
| D3 Evaluation report on NetSec directory usage | | | | | | | | | | | | | | | | M45 |
| D4 Final version of manifesto | | | | | | | | | | | | | M36 | | | |
| D5 Summary report on annual conferences | | | | | | | | | | | | | | | | M45 |
| D6 Draft and publication of policy briefs | | | | M12 | | | | M24 | | | | | M36 | | | M45 |

02 Architecture

Tech stack, pages, data flow, and repository layout.

Tech stack at a glance

The site is deliberately small. No framework, no transpiler, no bundler — just hand-authored HTML, one shared stylesheet, one shared script file, and two scheduled Python jobs that keep the data files in step with their upstream sources.



Three points to take from the diagram:

- **No back-end of our own.** Everything that looks dynamic (the directory, the grant-manager cards) is hydrated from `data/bios.json` in the visitor's browser.
- **Two sources of truth feed that file.** Member-submitted bios via a Google Form, and Action structure (WGs, leadership) via the COST website.
- **Workflow changes open a PR, never a silent push.** Every change to the directory passes through a human's review.

Site structure

Fifteen public pages in total (each with FR and DE beta siblings, plus a locale-detecting `404.html`). The home page is the hub: it hosts most of the static content as anchored sections and signposts the discovery and reference pages and the members' Wiki through two dedicated home-page sections. Phase 1 of the v1.4.0 IA pass split the home page's denser blocks out into standalone pages (`about.html`, `news.html`, `roadmap.html`, `outputs.html`); v1.6.0 added the live ESSC 2026 programme page (`essc-2026.html`). Three full-page applications, four reference pages branched off Home, the live conference programme, and four statutory pages branch off the hub.

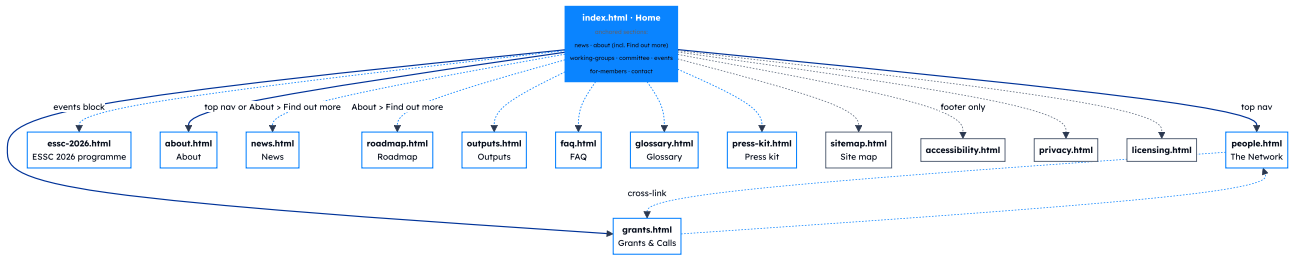


Figure 3 · Page graph. **Solid blue arrows** are primary navigation (the top nav links to Network, Grants and About from every page). **Dashed blue arrows from Home** reach the v1.4.0 IA-split pages (News, Roadmap, Outputs), the v1.6.0 ESSC 2026 programme page, and the four-card Find out more discovery grid at the end of the About section (FAQ, Glossary, Press kit). **Dashed grey arrows** are footer-only links (Accessibility, Privacy, Licensing, Site map appear in every page's footer). **Dashed blue arrows between people and grants** are in-page cross-links between the Network and Grants pages.

Page inventory

| PAGE | PURPOSE | READS AT RUNTIME |
|---------------------------|--|--|
| <code>index.html</code> | Overview, news lede, WGs, MC, events banner, <i>Find out more</i> discovery grid, <i>For NetSec members</i> Wiki signposting strip, contact. Trimmed by ~25% in v1.4.0 when the standalone About / News / Roadmap / Outputs pages took over the denser blocks. | <code>data/events.json</code> (events banner; added v1.6.0) |
| <code>people.html</code> | Open community directory with WG / MC / country filters; Join-the-network CTA. <i>Directory research-interest keyword filter</i> added v1.7.0. | <code>data/bios.json</code> (all), <code>data/keyword-aliases.json</code> (inline fallback normaliser; added v1.7.0) |
| <code>grants.html</code> | Five grant schemes, the e-COST timeline, resources, grant-manager contact cards. | <code>data/bios.json</code> (Grant Awarding Coordinator only) |
| <code>about.html</code> | Standalone About page: mission, deliverables, <i>Find out more</i> discovery grid, milestones. <i>Added v1.4.0.</i> | — |
| <code>news.html</code> | Standalone news index, lifted out of the home page. <i>Added v1.4.0.</i> | — |
| <code>roadmap.html</code> | Public product roadmap with planned / in-progress / shipped cards; collapsible Shipped list (collapse added v1.6.0; only the most recent releases show by default). <i>Added v1.4.0.</i> | — |
| <code>outputs.html</code> | Outputs page (placeholder for COST deliverables, papers, training-school materials). <i>Added v1.4.0.</i> | — |

| PAGE | PURPOSE | READS AT RUNTIME |
|------------------------------------|---|--|
| essc-2026.html | Live ESSC 2026 programme: day chips, plenary and parallel session cards, contributions, chairs, abstracts, room badges, livestream pills, member-aware speaker popovers. <i>Added v1.6.0.</i> | data/indico.json , data/bios.json (for member-aware speaker links) |
| faq.html | 21 Q&As across six themed sections; jump-to TOC; per-question deep-link anchors. <i>Added v1.3.0; migrated from the members' Wiki.</i> | — |
| glossary.html | ~35 COST and NetSec terms across five sections; per-term deep-link anchors. <i>Added v1.3.0; migrated from the members' Wiki.</i> | — |
| press-kit.html | Logos with pairing rules, palette, typography, funding acknowledgements, attribution wording, do / don't rules. <i>Added v1.2.0.</i> | — |
| sitemap.html | User-friendly site map linking every page and every in-page anchor. | — |
| accessibility.html | WCAG 2.1 conformance statement. | — |
| privacy.html | GDPR-compliant privacy notice. | — |
| licensing.html | Dual-licence posture (MIT for code, CC BY 4.0 for prose) with the carve-outs spelt out. <i>Split off from privacy.html §10.</i> | — |

Feature inventory

User-facing

- Light / dark theme with manual toggle and OS-pref default.
- Reveal-on-scroll powered by `IntersectionObserver`.
- Glass cards with `backdrop-filter`; graceful fallback.
- Country flags via FlagCDN for every ISO code (~200).
- Network directory: search × WG / MC chip × country, all AND-combined.
- Bio collapse: bios over 4 lines auto-add a "Show more" toggle.
- Awarding-process timeline with Before / During / After pills.
- **Site-wide Pagefind search** (added v1.4.0). Built at deploy time, separate EN / FR / DE shards, surfaced through a header overlay with keyboard shortcut.
- **Live ESSC 2026 programme** at `/essc-2026.html` (added v1.6.0). Rebuilt daily from Indico via `sync-indico.py`. Day chips, parallel-session cards, livestream badges on plenaries, per-session room badges (v1.6.1), member-aware speaker popovers that resolve to a NetSec member card with photo, role, country, and bio excerpt.
- **Directory research-interest keyword pipeline** (added v1.7.0). Canonical chips on bio cards backed by `data/keyword-aliases.json`, plus a filter chip row above the grid with URL-hash persistence (`#keywords=slug-one,slug-two`) and OR semantics across selected chips. Top-8 chips shown by count.
- **iCalendar feed** at `/calendar.ics` (added v1.4.0). The events block carries a `webcal://` Subscribe button. The feed is

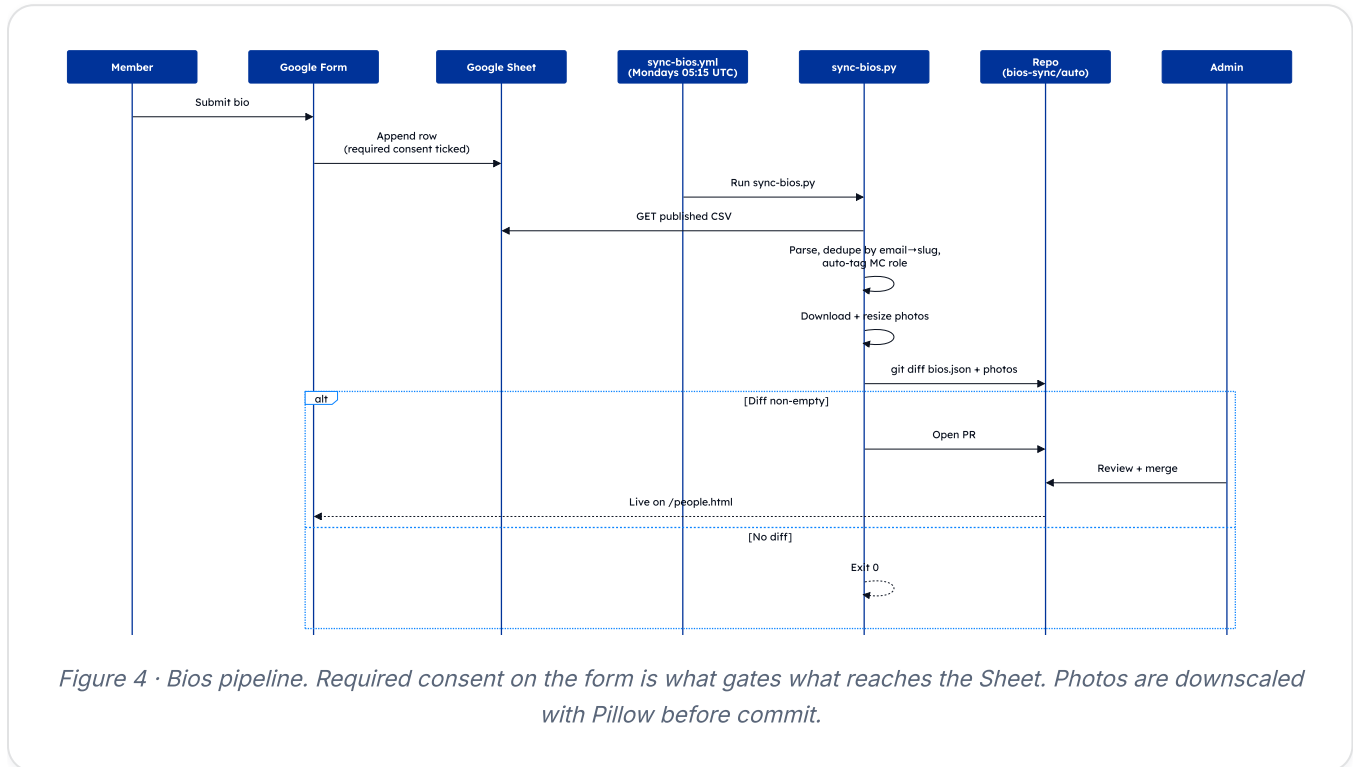
Operator-facing

- **Three weekly sync workflows** that open PRs rather than push: `sync-bios.yml` (Google Form to `bios.json`), `sync-indico.yml` (Indico to `indico.json` with `events.json` and `calendar.ics` patched in the same PR), and `sync-roadmap.yml` (autostamp on `docs/roadmap-2026.md` after changelog merges). All three auto-merge once review passes.
- `data-bios-roles` attribute pattern: any element with it gets hydrated from `bios.json` at load.
- MC-member auto-tagging via `mc-members.json`.
- Brand-accurate social icons (Simple Icons SVGs).
- Stable slug-based member IDs for deep-linking.
- **Release script extensions** in `scripts/release.sh` (v1.7.0): `promote-roadmap.py` flips public roadmap cards from planned to shipped on `/roadmap.html` in EN, FR and DE during release; a PDF-cover-bump reminder prints on minor and major releases; open issues tagged with the milestone being cut are listed before the script exits.
- CSS class-collision lint via `scripts/check-css-class-collisions.py` (added v1.6.0).
- Photo-source SHA-256 caching in `sync-bios.py` (added v1.5.0) so unchanged upstream photos do not get re-encoded and dirty the working tree.

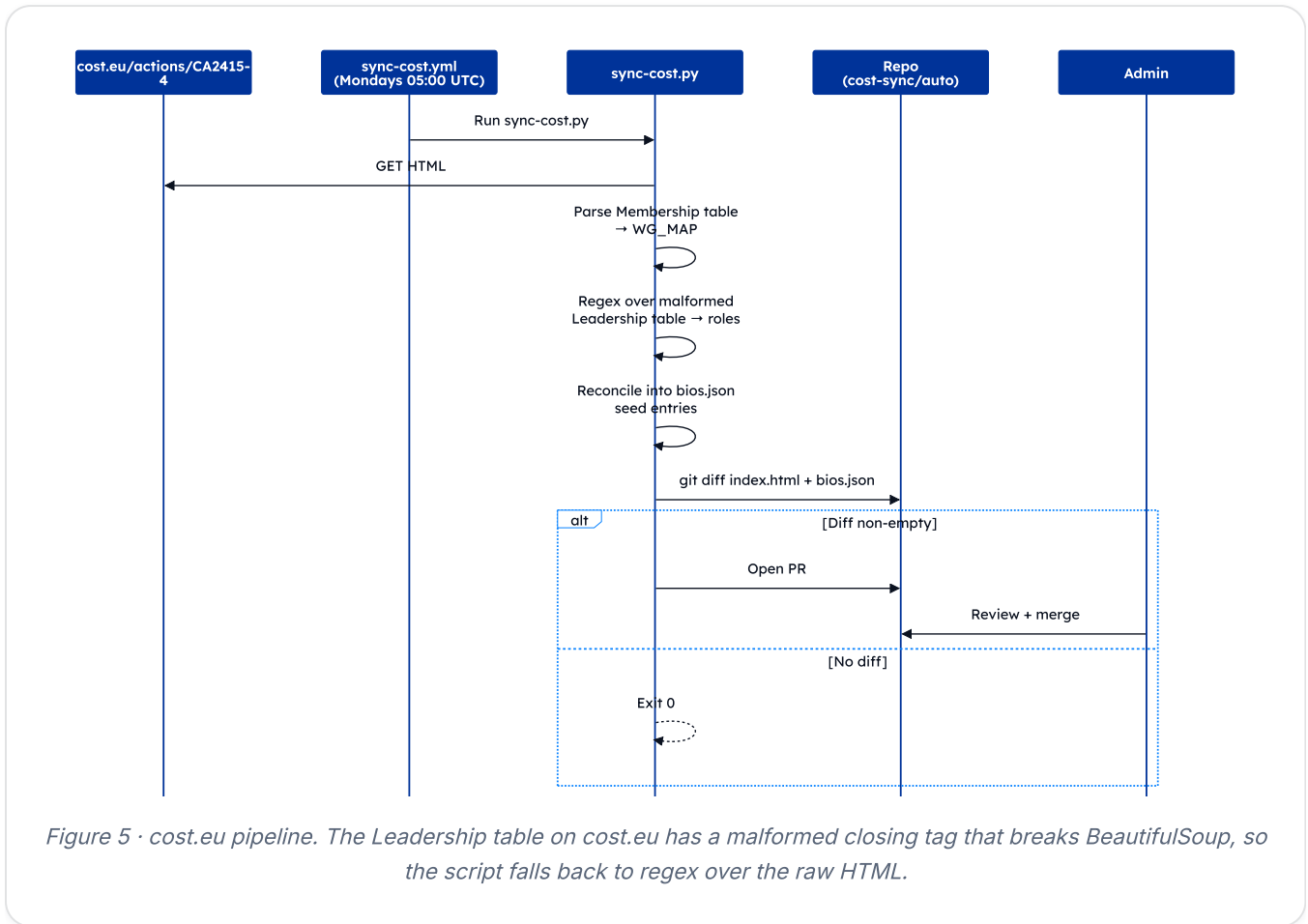
regenerated whenever `events.json` changes (v1.6.1).

Data flow — how a bio gets onto the site

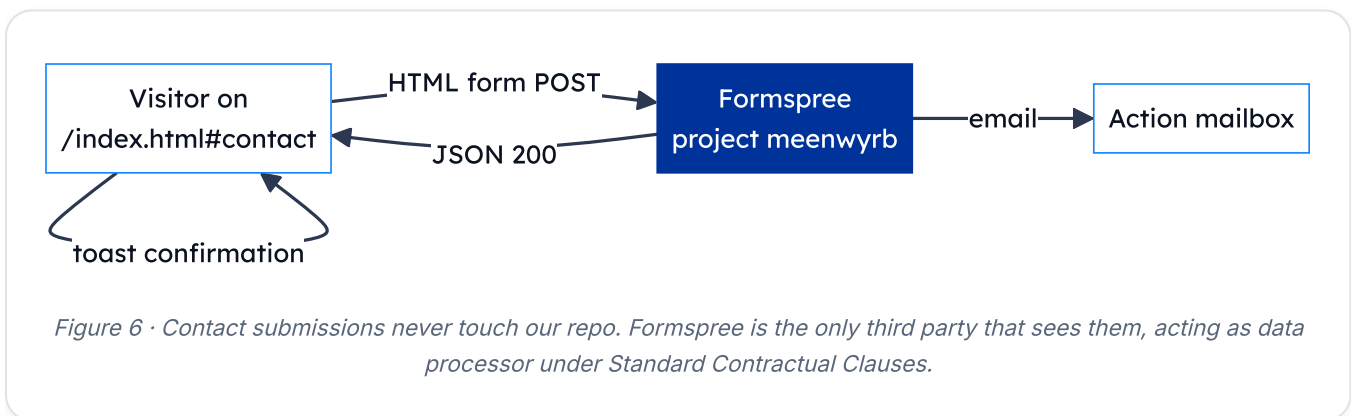
The end-to-end path for a new member submission, from filling in the form to the live directory.



Data flow — how a cost.eu change propagates



Data flow — contact form



Data flow: Indico to live programme

The path from a daily change inside the Indico instance to the rendered programme on [/essc-2026.html](#). The events-block banner on the home page is patched in the same run so the public surface does not drift from the live programme.

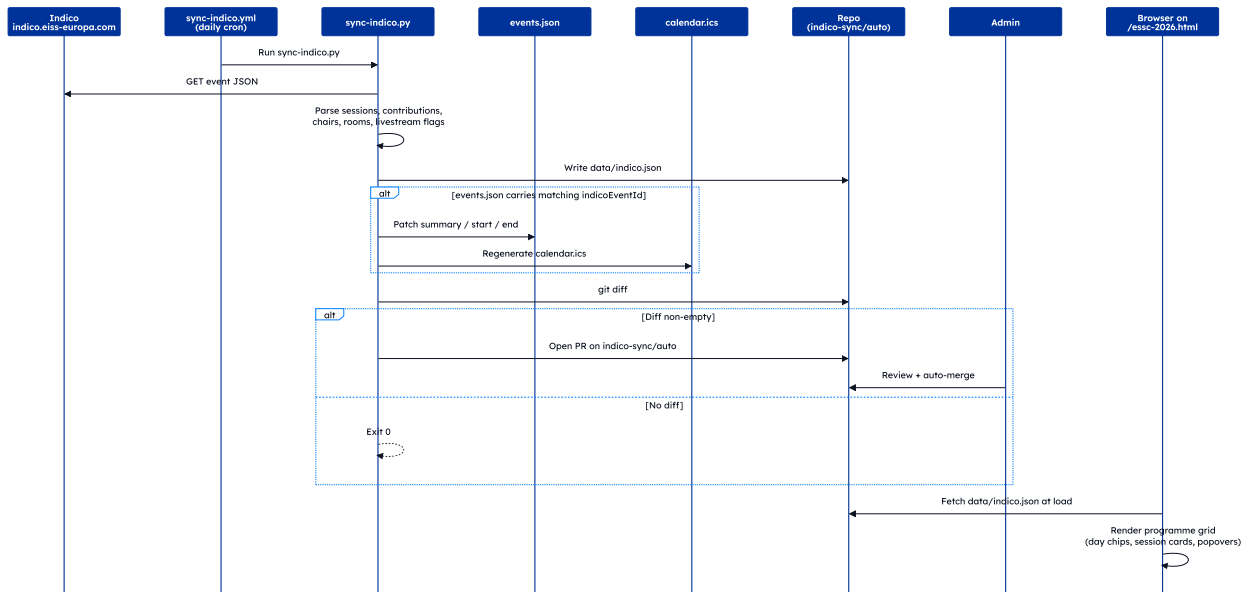


Figure 7 · ESSC pipeline. The Indico-to-events.json patch step closes the drift gap between the live programme and the home-page banner. Added v1.6.0; patch step added v1.6.1; PR-based flow (no direct push) added in v1.6.1 for branch-protection compatibility.

Data flow: roadmap autostamp

Whenever the changelog gains a new entry on `main`, the public roadmap's autostamped block in `docs/roadmap-2026.md` is rewritten to reflect the new release surface.

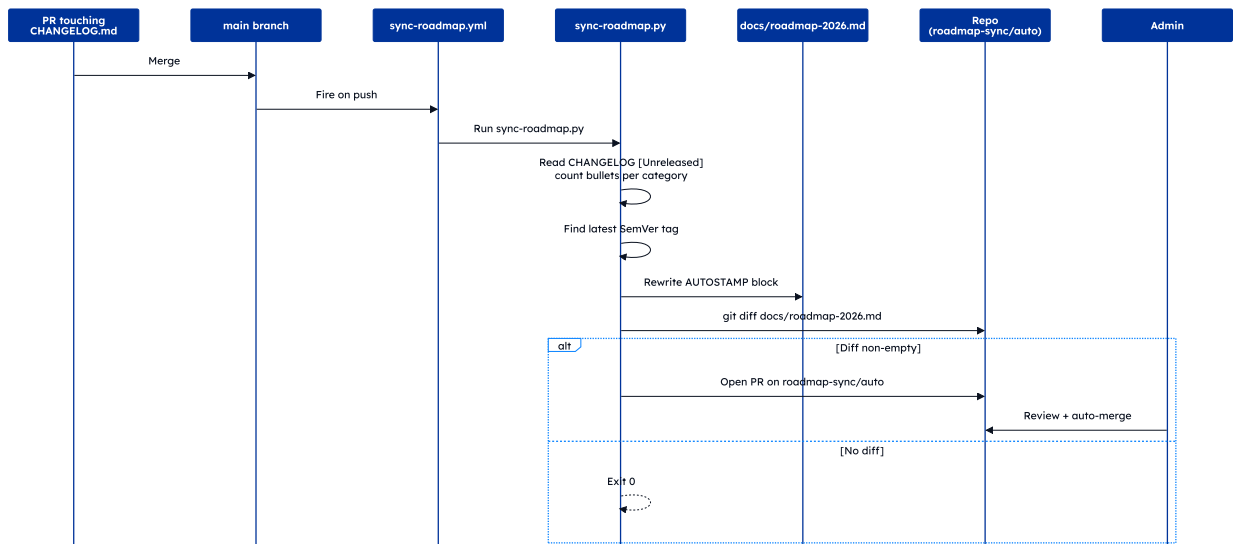


Figure 8 · Roadmap autostamp. Added v1.7.0. The script never edits CHANGELOG.md or the planned / in-progress / shipped cards on the public `roadmap.html` directly: it only refreshes the markdown autostamp block read by Action evaluators.

The ESSC live programme in practice

NS News About Working Groups Network Events Grants Publications Contact EN FR DE

ANNUAL CONFERENCE

European Security Studies Conference 2026

Jointly organised by COST Action NetSec, the European Initiative for Security Studies (EISS) [↗](#), and **Stockholm University**.

| DATES | VENUE | ROOM | ON INDICO | PRACTICAL INFO |
|-----------------|----------------------|-------------------------|---|----------------------------------|
| 11-12 June 2026 | Stockholm University | D House, Lecture Hall 8 | indico.eiss-europa.com ↗ | Stockholm tips ↓ |

PROGRAMME

Live programme

Times in Europe/Paris. Full abstracts and registration on [Indico](#) [↗](#).

Day 1 · Thursday 11 June 2026 Day 2 · Friday 12 June 2026

Day 1 Thursday 11 June 2026

| | |
|---------------|--|
| 09:00 – 09:30 | Registration and Coffee ↗ D House, Floor 3 |
| 09:30 – 09:45 | PLENARY LIVESTREAM ↗ D House, Lecture Hall 8 Introductory Remarks ↗ Chairs: Dr Hugo Meijer (Sciences Po CERJ), Sanne Verschuren (Boston University), Julia Carver (Leiden University), Magnus Petersson (Stockholm University), Yvonne Svanström (Stockholm University) |
| 09:45 – 10:45 | ROUNDTABLE LIVESTREAM ↗ D House, Lecture Hall 8 |

Figure 9 · The European Security Studies Conference 2026 live programme (added v1.6.0, refined through v1.6.1). Day chips at the top; parallel session cards with room badges, livestream pulses on plenaries, and inline-expand abstracts on contributions. Speaker names that resolve to a NetSec member open a glass preview popover on hover. Cropped from the top of the live page; the full programme spans several screen-heights and is best read at netsec-cost.eu/essc-2026.html.

The Network directory in practice

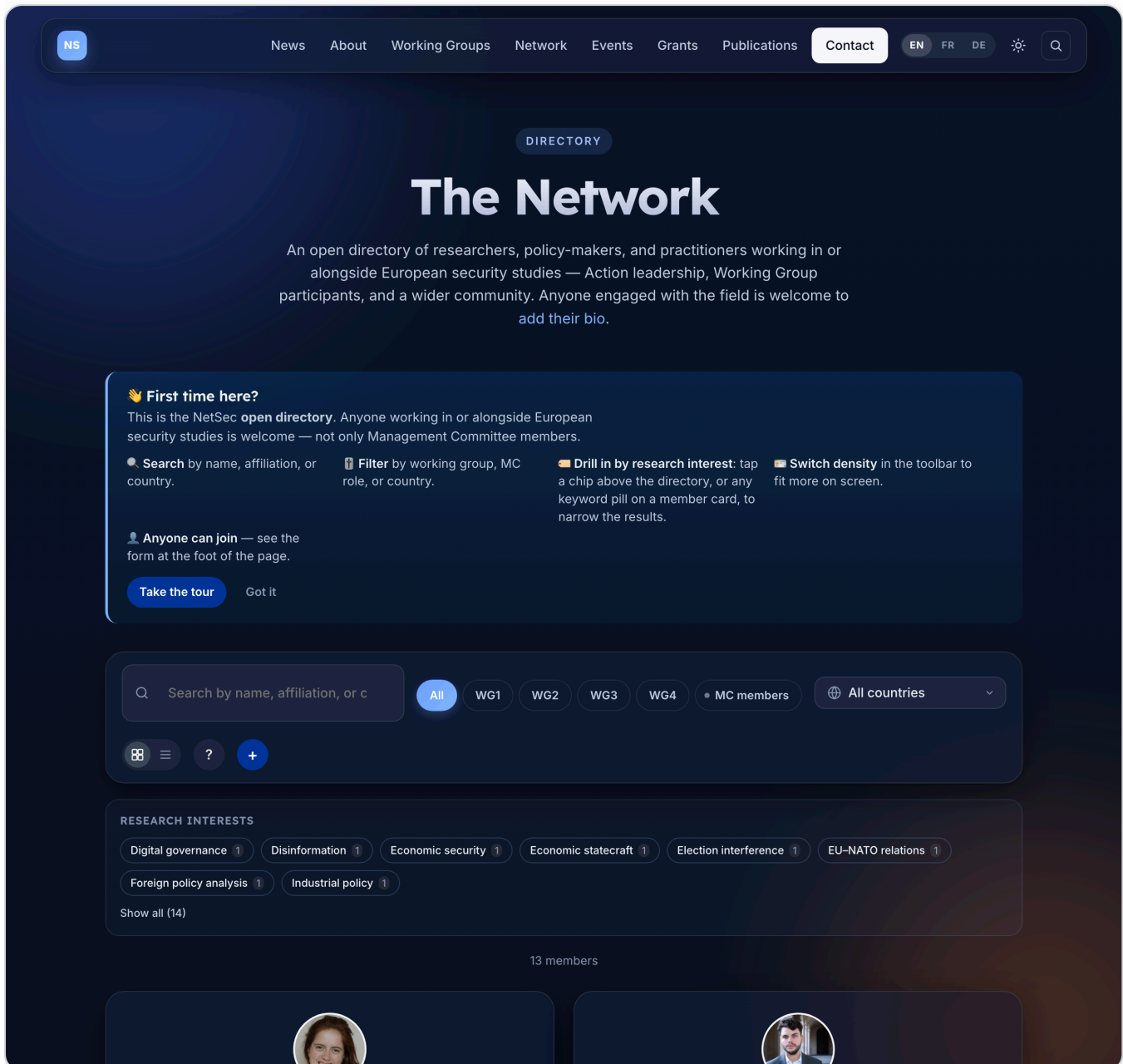


Figure 10 · The Network directory. Four filter axes (free-text search, WG / MC chip, country, research-interest chip row) AND together so they can be stacked. The research-interest filter row above the grid (added v1.7.0) shows the top eight canonical keywords by submission count; clicking a chip narrows the directory and persists the selection in the URL hash for sharing. Cropped from the top of the live page to show the filter chrome above the grid; the full member list continues below.

Repository layout

```
.
├── index.html           # Home
├── about.html          # About (v1.4.0)
├── news.html           # News index (v1.4.0)
├── roadmap.html        # Public roadmap (v1.4.0)
├── outputs.html        # Outputs placeholder (v1.4.0)
├── essc-2026.html      # ESSC 2026 live programme (v1.6.0)
├── people.html         # The Network
├── grants.html         # Grants & Calls
├── faq.html            # Public FAQ
├── glossary.html       # COST + NetSec terminology
├── press-kit.html      # Logos, palette, funding acknowledgements
├── accessibility.html  # WCAG statement
├── privacy.html        # GDPR notice
├── licensing.html      # Dual-licence posture
├── sitemap.html        # User-friendly site map
├── 404.html            # Locale-detecting not-found page
├── *.fr.html *.de.html # French + German beta of every page above
├──
├── sitemap.xml         # Machine-readable sitemap, hreflang siblings
├── calendar.ics        # iCalendar feed (v1.4.0); regenerated on events.json change
├── CNAME               # GitHub Pages → netsec-cost.eu
├──
├── assets/
│   ├── css/site.css    # Single shared stylesheet
│   ├── js/site.js      # Nav, theme, reveal, directory, tour, netsecT()
│   └── images/people/*.{jpg,png} # Member headshots
├──
├── data/
│   ├── bios.json       # The directory
│   ├── mc-members.json # MC roster per country
│   ├── events.json     # Home-page event banner schema (v1.6.0); carries indicoEvent
│   ├── indico.json     # Synced ESSC 2026 programme (v1.6.0)
│   ├── keyword-aliases.json # Curated acronyms + alias map for directory keywords (v1.7.0)
│   └── i18n-state.json # SHA-1 stamps for drift checker
├──
├── scripts/
│   ├── sync-cost.py    # cost.eu → WG_MAP + roles
│   ├── sync-bios.py    # Google Form → bios.json (photo SHA-256 cache v1.5.0;
│   │                   # canonical_keywords + keyword_aggregate v1.7.0)
│   ├── sync-indico.py  # Indico → indico.json + events.json + calendar.ics (v1.6.0)
│   ├── sync-roadmap.py # CHANGELOG → docs/roadmap-2026.md autostamp (v1.7.0)
│   ├── promote-roadmap.py # Flips public roadmap cards planned→shipped on release (v1.7.0)
│   ├── test-sync-bios.py # Pipeline tests
│   ├── test-sync-indico.py # Pipeline tests
│   ├── inject-seo.py    # Canonical + OG + JSON-LD generator
│   ├── check-i18n-drift.py # Reports stale translations
│   ├── check-css-class-collisions.py # Lints accidental class-name reuse (v1.6.0)
│   ├── check-a11y.sh    # axe-core scan wrapper
│   ├── check-links.sh   # Internal-link checker
│   ├── release.sh       # Cuts a tagged release; calls promote-roadmap on release day
│   ├── bios-source.json # Pipeline config
│   └── requirements.txt
├──
```

```

├── .github/workflows/
│   ├── sync-cost.yml           # Weekly cron
│   ├── sync-bios.yml          # Weekly cron, opens PR + auto-merges
│   ├── sync-indico.yml        # Daily cron, opens PR + auto-merges (v1.6.0; PR-based v1.6.0)
│   ├── sync-roadmap.yml       # Fires on CHANGELOG.md changes to main (v1.7.0)
│   └── i18n-drift.yml          # Runs drift checker on HTML PRs
├── docs/                       # Internal documentation
│   ├── architecture.md design-system.md admin-guide.md
│   ├── i18n.md seo.md bios-setup.md
│   ├── roadmap-2026.md        # AUTOSTAMP block written by sync-roadmap.py
│   ├── pdf/                   # Source for this documentation pack
│   └── promo/                 # Promotional poster (A3) + card-size
├── CHANGELOG.md               # Keep a Changelog, SemVer 2.0.0; hybrid lede + themes + index format (v1.5.0)
├── LICENSE                    # MIT (code)
├── LICENSE-CONTENT            # CC BY 4.0 (prose)
├── README.md
└── SECURITY.md

```

Conventions worth knowing

- **British English** in user-facing copy.
- **Slugs** are produced by an identical `slugify()` in both Python scripts (strip salutation, drop diacritics, drop apostrophes, lowercase, hyphenate). Both scripts must agree or member IDs drift.
- **Member IDs** are the slug of the cleaned name — stable across re-submissions, used as `id` on member cards so `/people.html#arthur-laudrain` resolves.
- **Comments in CSS / JS / Python** are full sentences explaining *why* the code is there, not paraphrasing *what* it does.
- **No JS framework, no transpiler, no bundler.** Anything more than that needs an issue first.

03 Design system

Tokens, components, motion, and the accessibility floor.

The site follows an **Apple-inspired glassmorphism** language layered onto EU and COST brand colours. It should feel modern, trustworthy, and Brussels-adjacent without ever feeling corporate.

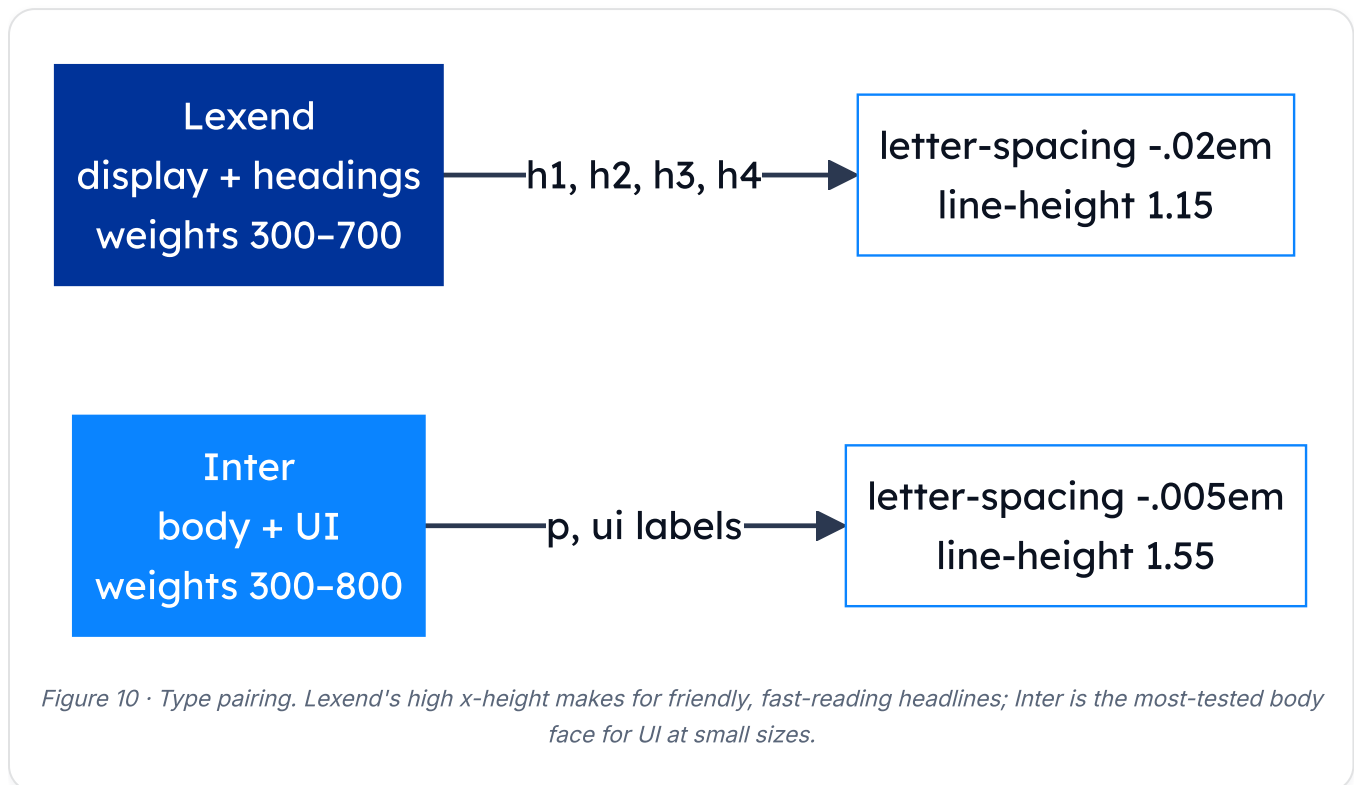
Colour tokens

Defined in `assets/css/site.css` on `:root` (light) and `:root.dark` (dark). Always reference the token, never the raw hex.

| TOKEN | LIGHT VALUE | USED FOR |
|--------------------------------|---|---------------------------------------|
| <code>--bg-0</code> | <code>#f6f8fc</code> | Page background |
| <code>--bg-1</code> | <code>#eef2fb</code> | Slight elevation backdrop |
| <code>--ink</code> | <code>#0b1220</code> | Headings, primary copy |
| <code>--ink-2</code> | <code>#2b3850</code> | Body copy, sub-headings |
| <code>--muted</code> | <code>#5a6679</code> | Captions, meta, fineprint |
| <code>--line</code> | <code>rgba(11, 18, 32, .08)</code> | Dividers, low-emphasis borders |
| <code>--glass-bg</code> | <code>rgba(255, 255, 255, .55)</code> | Default glass card fill |
| <code>--glass-bg-strong</code> | <code>rgba(255, 255, 255, .72)</code> | Sticky nav, opaque cards |
| <code>--accent</code> | <code>#003399</code> EU blue | Primary buttons, focus rings, accents |
| <code>--accent-2</code> | <code>#0a84ff</code> Apple blue | Hyperlinks, secondary accent |
| <code>--accent-glow</code> | <code>rgba(10, 132, 255, .35)</code> | Soft glow under hovered buttons |
| <code>--ease</code> | <code>cubic-bezier(.22, .61, .36, 1)</code> | Default transition curve |

Dark theme inverts `--bg-*`, `--ink*`, `--line`, and `--glass-*` but keeps `--accent` and `--accent-2` identical so brand colour is constant across modes.

Typography



Both faces load once from Google Fonts via a `<link rel="preconnect">` + stylesheet pair in every page's `<head>`. Heading hierarchy across the site:

| LEVEL | COUNT | EXAMPLE |
|-----------------|------------|---------------------------------|
| <code>h1</code> | 1 per page | "The Network", "Grants & Calls" |
| <code>h2</code> | 6-9 | Major sections |
| <code>h3</code> | ~20 | Sub-sections, member names |
| <code>h4</code> | ~18 | Card titles, country names |

Never skip a level (no `h2` → `h4`).

Component kit

Every distinct visual element belongs to a small, named set of CSS classes. Reuse the existing ones; don't introduce parallels.

`.glass`

The workhorse card — semi-transparent fill, blurred backdrop, soft shadow, hover lift. Used for news cards, member cards, country cards, grant cards, the search toolbar, and more.

`.btn` / `.btn-primary` / `.btn-ghost`

Primary fills with `--ink`, hover shifts to `--accent`. Ghost is transparent with a border and a slight hover lift.

`.chip` / `.wg-chip`

Pill-shaped labels. Working-Group chips are colour-coded 1–4 so a viewer can scan a member card and place them by colour alone.

`.timeline`

Vertical timeline on the Grants page — gradient rail with numbered nodes, Before / During / After phase pills, dashed-circle divider at the activity boundary.

`.mc-stats`

Three-up snapshot on the home page (49 reps, 30 countries, ~51 % women). Stacks to one column on phones.

`.members-toolbar`

Toolbar at the top of the Network page. Free-text search + WG / MC chip + country dropdown — all AND-combined by the directory's render loop.

Iconography

Two SVG styles coexist by design:

| STYLE | WHEN TO USE | SOURCE |
|---------------------|--|--|
| Stroke | Generic glyphs (envelope, globe, briefcase, microphone) | Lucide-style: <code>stroke="currentColor"</code> , <code>stroke-width="1.9"</code> , <code>fill="none"</code> |
| Filled brand | Recognisable brand marks (ORCID, LinkedIn, X, Bluesky, Mastodon) | Simple Icons SVG paths; <code>fill="currentColor"</code> (ORCID in brand green via <code>.contact-orcid</code>) |

Same-concept-same-icon rule: every conference grant uses the same microphone icon; every contact-item uses the same envelope. Consistency lets users build muscle memory for what an icon means.

Motion

- `.reveal` — fades in + slides up 12 px when intersecting the viewport. Default state is *visible*; the fade only engages once JS has confirmed the observer fires. If JS fails for any reason, content stays visible — never invisible.
- `.blob` — three large translucent radial blobs in `.ambience`, drifting on a 22–34 s loop. Pure decoration; `aria-hidden="true"`.
- **Glass-card hovers** — 250 ms `translateY(-4px)` + shadow swap.
- **Theme toggle** — instant; the FOCUS-prevention script runs before paint.

Accessibility checklist for new work

- All interactive controls reachable with keyboard alone.
- Visible focus ring (use the existing `:focus-visible` style).
- `aria-label` on icon-only buttons; `title` for hover hints.
- Heading levels follow the hierarchy table above — no skipping.
- Colour contrast meets WCAG 2.1 AA in **both** themes.
- No content hidden behind `:hover` alone.
- Animations respect `prefers-reduced-motion`.
- Skip-link still focuses `#top` (home) or `#main` (other pages).

04 Translation & multilingual posture

How the FR/DE beta works; how it stays in step with the English source.

The NetSec site ships in three languages: **English** (authoritative), **French** (beta), and **German** (beta). Every public page has a sibling at `page.fr.html` and `page.de.html`, surfaced through a language switcher in the header.

Budget posture

The Action has **no recurring translation budget** and no plan for a paid translation API. Translations are authored by hand, once, and refreshed only when English drifts meaningfully. The site never makes a translation API call at build or runtime.

How a language switch happens

The switcher in the header is implemented as three sibling `<a>` links — *not* a JS routing trick. Clicking *FR* on `/people.html` navigates to `/people.fr.html`. The page that gets served is the page the visitor lands on; there is no rewrite layer.

Three pieces of state cooperate:

- `<html lang="...">` on every variant — drives `:lang()` selectors and assistive-tech voice.
- `localStorage.netsec-lang` — the visitor's saved preference. On any home-page hit (`/`, `/index.fr.html`, `/index.de.html`), `assets/js/site.js` reads this and silently redirects to the saved variant if it differs from the URL.
- `<link rel="alternate" hreflang="...">` blocks in every page's `<head>` — tell search engines which URLs are language variants of each other (and which is `x-default`).

What's translated, what isn't

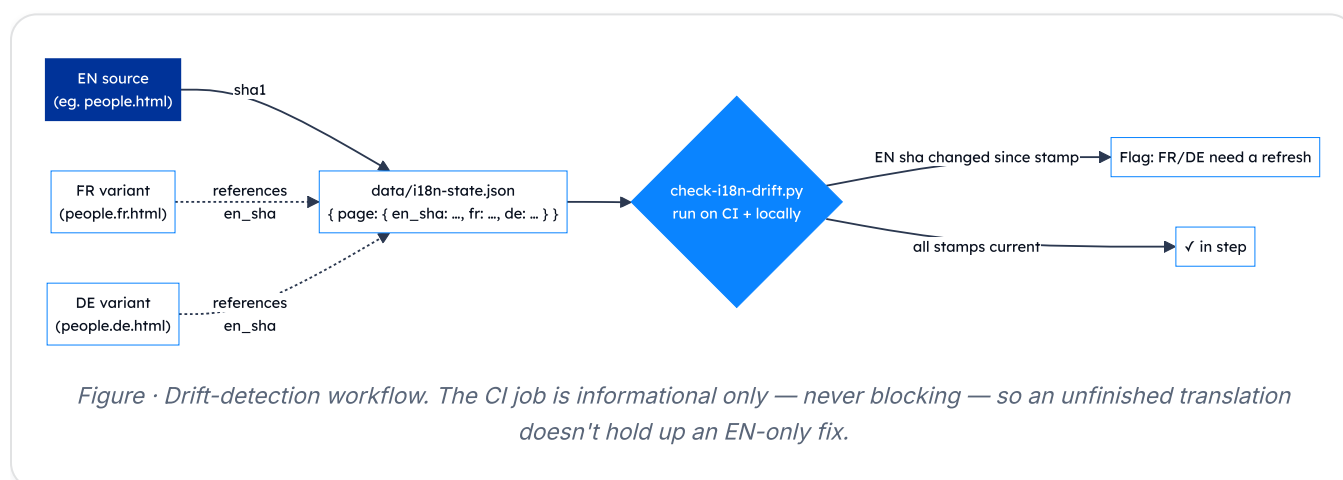
| CONTENT TYPE | TRANSLATED? | WHY |
|---|-------------|---|
| Page chrome — nav, footers, headings, form labels, captions | Yes | Hand-authored in each <code>.fr.html</code> / <code>.de.html</code> file. |
| JS-rendered strings (search placeholder, "No results", toast confirmations) | Yes | Loaded via <code>window.netsecT()</code> from a per-locale catalog in <code>assets/js/site.js</code> . |
| Member-submitted bios in <code>data/bios.json</code> | No | Members write their own bio in whichever language they choose; we don't paraphrase someone else's self-description. |

| CONTENT TYPE | TRANSLATED? | WHY |
|--|-------------------------------------|--|
| Calls of grants, dates, place names | No (kept in source language) | Calls are authoritative documents; translating them risks introducing error. |
| COST / EU boilerplate (funding statement, emblem alt-text) | Yes | Translations exist in COST's official toolkit; we reuse those. |

Components added in v1.4.0, v1.6.0 and v1.7.0 follow the same posture: **Pagefind search** (the search overlay's placeholder, no-results message, keyboard-shortcut hint), the **ESSC programme renderer** (day-chip labels, session-card chrome, livestream and room-badge text), and the **directory keyword filter** (chip-row heading, clear-filters button, the "X of Y members" counter) all route their runtime label strings through `window.netsecT()`, the in-browser translation helper defined in `assets/js/site.js`. Member-submitted content (bios, Indico contribution abstracts, keyword text) remains unmodified in whatever language it was authored in; only the surrounding chrome is translated.

Keeping translations in step: the drift checker

Hand-translated sibling files drift out of sync whenever English changes and the translator forgets to update FR/DE. To make that visible, we maintain a small manifest at `data/i18n-state.json` that stamps a SHA-1 of each English source page at the moment its translations were last refreshed.



Run locally:

```
python3 scripts/check-i18n-drift.py           # report which pages have drifted
python3 scripts/check-i18n-drift.py --stamp en # refresh EN sha after editing English
python3 scripts/check-i18n-drift.py --stamp fr # mark FR refreshed for changed pages
```

Refreshing a translation

1. Edit the English source (e.g. `people.html`).
2. Run the drift checker — note which pages it flags.

3. Translate the same change into `people.fr.html` and `people.de.html` by hand. Keep tag names, IDs, class names, and href targets identical; only translate text content and certain visible attributes (`title`, `aria-label`, `alt`).
4. Re-run the drift checker with `--stamp en --stamp fr --stamp de` to refresh all three.
5. Commit alongside the English change so the manifest stays meaningful.

What we deliberately don't do

- **No machine translation at build or runtime.** Quality is too uneven for an official COST deliverable, and we have no budget for an API.
- **No URL-based locale negotiation** (e.g. `/fr/people`). The static sibling-files approach keeps GitHub Pages routing simple, lets us version each translation independently, and removes any need for server-side logic.
- **No language gateway page.** The visitor lands on whichever URL they typed; client-side JS may redirect them to a saved preference, but only on the home page.

05 SEO & discoverability

Crawl directives, social-share cards, and how it all stays in sync.

The site implements the industry-standard SEO checklist for a multilingual static site: machine-readable sitemap, canonical URLs, hreflang annotations, Open Graph + Twitter Card metadata, JSON-LD structured data, and a designed 404 page. None of it is hand-typed twice — a single Python script regenerates the per-page metadata block from a small source-of-truth.

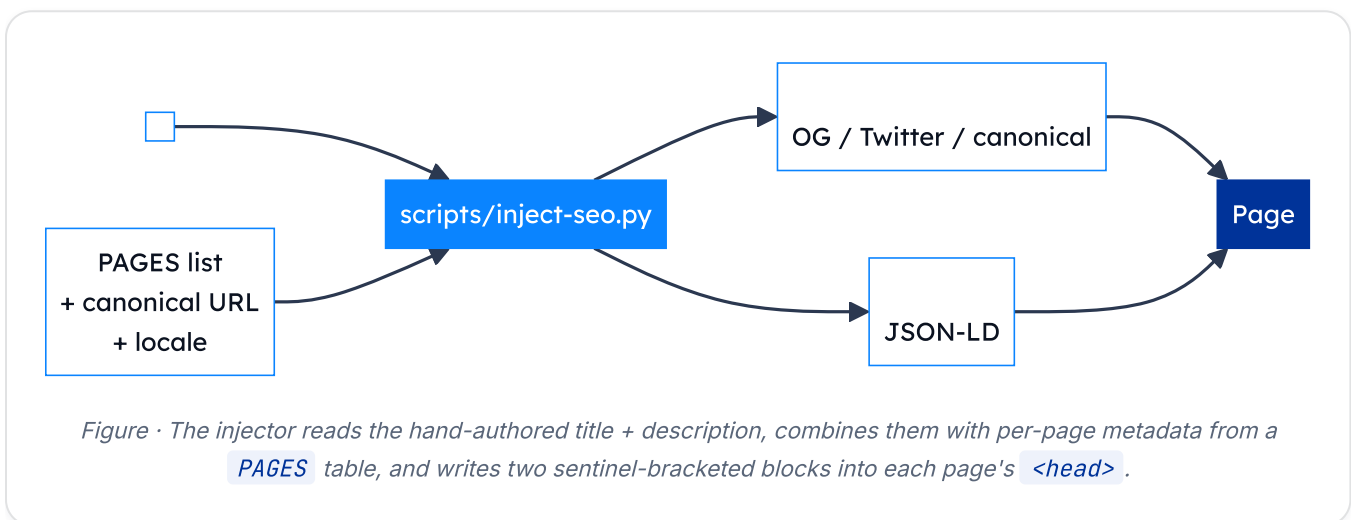
What's in place

| LAYER | WHERE | WHAT IT DOES |
|---------------------|---|---|
| Crawl directives | <code>robots.txt</code> at site root | <code>Allow: /</code> ; points crawlers at <code>sitemap.xml</code> . No private paths to disallow. |
| Discovery | <code>sitemap.xml</code> at site root | Every public page with <code><lastmod></code> , <code><changefreq></code> , <code><priority></code> , and <code>xhtml:link</code> hreflang annotations for FR/DE/x-default. |
| Canonical URLs | <code><link rel="canonical"></code> on every page | Points at the page's own URL — keeps the <code>.fr.html</code> / <code>.de.html</code> variants from looking like duplicates. |
| Language alternates | <code><link rel="alternate" hreflang></code> blocks | Matches the sitemap; explicitly declares <code>x-default</code> → English. |
| Open Graph | <code>og:title</code> / <code>og:description</code> / <code>og:url</code> / <code>og:type</code> / <code>og:image</code> / <code>og:site_name</code> / <code>og:locale</code> | One block per page, locale-aware. |
| Twitter Card | <code>summary_large_image</code> | Title / description / image mirror the OG values. |
| JSON-LD | <code><script type="application/ld+json"></code> per page | <code>Organization</code> schema on every page; <code>WebSite</code> on <code>/</code> ; per-page <code>WebPage</code> . |
| Social-share image | <code>assets/images/og-image.png</code> | 1200 × 630 branded card used by Facebook, Twitter/X, LinkedIn, WhatsApp, Slack, Discord, iMessage. |
| Theme colour | <code><meta name="theme-color" content="#003399"></code> | Mobile browser chrome adopts the EU blue. |

| LAYER | WHERE | WHAT IT DOES |
|----------|------------------------------------|--|
| 404 page | <code>404.html</code> at site root | Served by GitHub Pages on any unknown URL. Auto-detects browser language and points the visitor back at the right localised home. Carries <code>noindex</code> . |

How it stays in sync — `inject-seo.py`

The OG / Twitter / canonical / JSON-LD blocks are **generated**, not hand-typed. The generator lives at `scripts/inject-seo.py` and is idempotent: it looks for sentinel comments (`<!-- seo:auto BEGIN -->`) and `<!-- seo:jsonld BEGIN -->`) and rewrites the block in place, or inserts a fresh one between the hreflang block and `<link rel="icon">`.



Use:

```
python3 scripts/inject-seo.py          # rewrites the SEO block in every HTML file
python3 scripts/inject-seo.py --check  # report-only mode (non-zero exit on drift)
```

Adding a new page

1. Hand-author a unique `<title>` (≤ 60 chars) and `<meta name="description">` (≤ 160 chars).
2. Add the `<link rel="alternate" hreflang>` block in `<head>` for EN/FR/DE/x-default.
3. Set `<html lang="...">` correctly.
4. Add the page to the `PAGES` list at the top of `scripts/inject-seo.py`, then run the script.
5. Add a `<url>` entry to `sitemap.xml`.
6. Add the page to `data/i18n-state.json` and stamp the EN SHA.
7. Run the drift checker to confirm everything is fresh.

What's deliberately *not* implemented

| THING | WHY |
|---|---|
| Google Analytics / Tag Manager | Privacy posture — no third-party trackers (see privacy.html). |
| <code><meta name="keywords"></code> | Ignored by all major search engines for ~15 years. |
| AMP / amp-html | Performance budget is already very low; AMP would add complexity without measurable gain. |
| <code>rel="prev"</code> / <code>rel="next"</code> pagination | No paginated content on the site. |
| hreflang on sub-page anchors | hreflang applies to URLs, not anchors. Deep-links into a translated page inherit the page's lang. |

Verifying on the live site

- **Open Graph debugger:** paste any URL into [opengraph.xyz](#) or LinkedIn's Post Inspector.
- **JSON-LD validator:** paste the URL into [Google's Rich Results test](#). The Organization / WebSite / WebPage nodes should all validate.
- **Lighthouse SEO audit:** any Chromium DevTools → Lighthouse. Target score ≥ 95.

Known limits — what GitHub Pages can't do

- **No HTTP response headers.** So `Content-Language` , `Vary: Accept-Language` , and similar headers are unavailable. The `<html lang>` attribute is the next-best signal and is in place.
- **No server-side content negotiation.** Auto-redirect based on `Accept-Language` only works after the page loads. We do the redirect client-side via the saved `netsec-lang` preference, so the very first hit always lands on whatever URL the visitor typed.

06 Admin guide

Accounts, routine tasks, escalation, and handover.

This section answers: "It's six months later, the maintainer is on parental leave, something needs editing — where do I start?"

Accounts & assets — domain and hosting

| ASSET | LOCATION | OWNER / LOGIN |
|-----------------------------|------------------------------|---|
| <code>netsec-cost.eu</code> | Namecheap | Registered under Dr Moritz Weiss (Action Chair); admin contact Dr Arthur Laudrain |
| GitHub Pages routing | Repo Settings → Pages | GitHub org <code>EISSeuropa</code> |
| TLS certificate | Auto-managed by GitHub Pages | n/a (Let's Encrypt) |

Accounts & assets — code and pipelines

| ASSET | LOGIN | NOTES |
|--|---|---|
| GitHub repository <code>EISSeuropa/netsec.github.io</code> | GitHub account in the <code>EISSeuropa</code> org | Action Chair, Vice-Chair, maintainer. |
| Google Form "Join the NetSec network" | Google account that owns the form | URL stored in <code>scripts/bios-source.json</code> → <code>form_url</code> . |
| Linked Google Sheet | Same Google account | Publish-to-web enabled (CSV). Required-consent step on the form gates what reaches it. |
| Published CSV URL | n/a (public capability) | Stored in <code>scripts/bios-source.json</code> → <code>csv_url</code> . Anyone with the URL can read the Sheet — the form's required-consent step is what gates the content. |
| Formspree project (id <code>meenwyrb</code>) | Formspree account | Free tier; submission destination is the Action mailbox. |

Bus-factor reminder

Every admin task below assumes **at least two people** hold `EISSeuropa` org membership with `Maintain` permission on the repository. If that drops to one, escalate.

Accounts & assets — branding

| ASSET | LOCATION | LICENCE |
|------------------|--|---|
| COST logo | <code>assets/images/cost-logo.jpg</code> | © COST Association — used per COST visual-identity guidance. |
| EU emblem | Inlined SVG in every footer | Used per the EU visual-identity manual for <i>Funded by the EU</i> communication. |
| NetSec wordmark | Pure CSS letter-mark — no asset | © COST Action NetSec. |
| Member headshots | <code>assets/images/people/<slug>.*</code> | © the individual, displayed with consent. |
| Country flags | FlagCDN (loaded at runtime) | Flags themselves public domain; CDN MIT. |

Reviewing a weekly sync PR

Three sync workflows now open pull requests against `main` on dedicated automation branches. Any of them may be empty in a given run; that is a feature, not a bug.

| WORKFLOW | CADENCE | BRANCH | WHAT THE DIFF COVERS |
|-------------------------------|---|--------------------------------|---|
| <code>sync-bios.yml</code> | Weekly (Mondays 05:15 UTC) | <code>bios-sync/auto</code> | New or edited bios in <code>data/bios.json</code> plus any photo updates under <code>assets/images/people/</code> . Reviewer attention focuses here, since every new bio passes through a human's eyes. |
| <code>sync-indico.yml</code> | Daily | <code>indico-sync/auto</code> | Refresh of <code>data/indico.json</code> from the Indico instance; when <code>events.json</code> carries a matching <code>indicoEventId</code> , the home-page banner summary / start / end and <code>calendar.ics</code> are patched in the same PR. Skim the diff for sensible session titles, room names, and speaker spellings. |
| <code>sync-roadmap.yml</code> | On <code>CHANGELOG.md</code> changes to <code>main</code> | <code>roadmap-sync/auto</code> | Rewrite of the AUTOSTAMP block in <code>docs/roadmap-2026.md</code> : counts of bullets per category in <code>[Unreleased]</code> plus the latest SemVer tag. No public-page impact; safe to auto-merge once it looks coherent. |

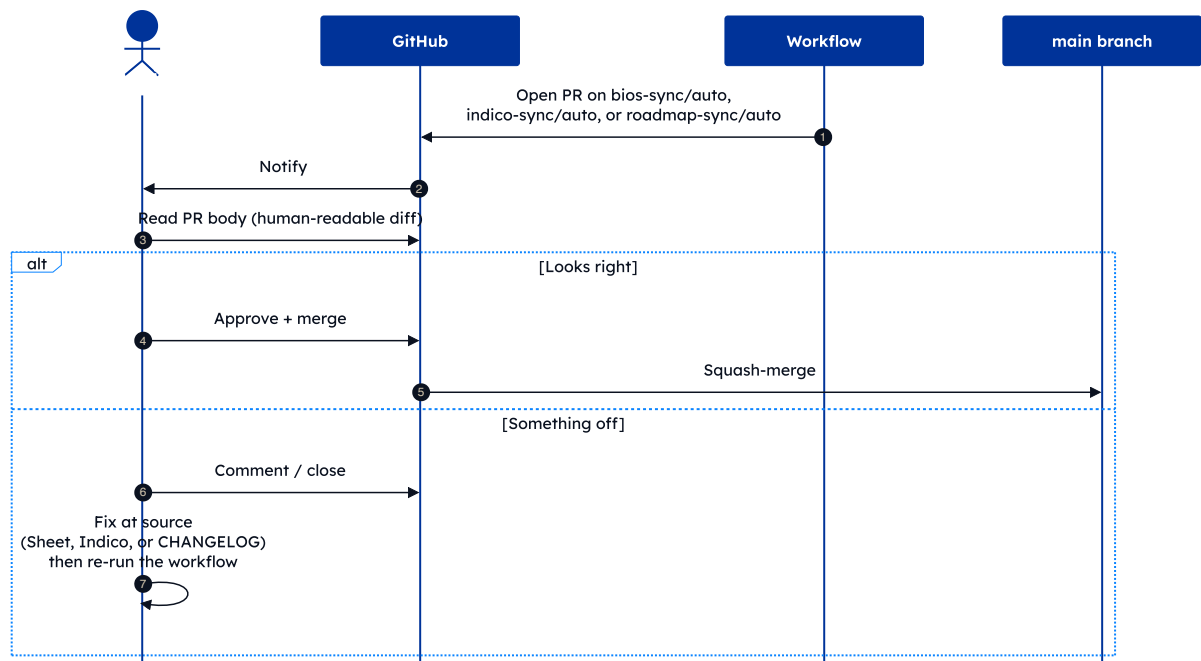


Figure 11 · Soft-review policy. Every automation PR passes through a human's eyes before merge, even when auto-merge is enabled on the workflow.

The reviewer's job is **not** to fact-check research claims; it is to catch:

- Obvious typos in bios (ALL-CAPS surnames, missing capitals).
- Broken or mis-targeted links (ORCID under the LinkedIn field).
- Photos that aren't headshots.
- Anyone who didn't tick consent (sync drops these automatically, but worth a glance).
- On Indico PRs: garbled session titles or speaker names; missing rooms on parallel sessions.
- On roadmap-autostamp PRs: a category count that doesn't match what you remember merging.

Other routine tasks

Manually triggering a sync

1. Go to *Actions* in the GitHub repo.
2. Pick the workflow you need: *Sync member bios from Google Form*, *Sync WG membership from cost.eu*, *Sync ESSC 2026 programme from Indico*, or *Autostamp roadmap-2026.md*.
3. Click **Run workflow** → **main** → **Run**.
4. Watch the run; if it opens a PR, review and merge.

Removing a member at their request

1. Delete the relevant `members[]` entry from `data/bios.json`.
2. Delete the headshot at `assets/images/people/<slug>.jpg` if present.
3. Open the Google Sheet and either delete the row, or clear the consent column (next sync drops them anyway).

4. Commit with message `bios: remove <slug> on request`.

Form-side caveats (directory management)

The Google Form is the primary submission surface for bios. Two caveats worth knowing:

- **Photo replacements need a workaround (#183).** A member who wants to replace their photo cannot edit their submitted response (a Google Forms limitation when the file-upload question is involved). The agreed workaround is for the admin to swap `assets/images/people/<slug>.jpg` directly and either drop the corresponding photo-source SHA-256 entry or update it to match the new file, so that `sync-bios.py` does not overwrite the new image on the next run.
- **Form settings:** "Limit to 1 response" is deliberately *off* (members may want to resubmit if circumstances change); "Verified email" stays *on* so sign-in remains mandatory and per-user deduplication still works on the slug.

Editing static page copy

1. `git checkout -b copy/<short-description>`
2. Edit the relevant `*.html` file.
3. Preview locally: `python3 -m http.server 8000` → open `http://localhost:8000`.
4. Open a PR. Merge once reviewed.

GitHub Pages rebuilds in ~30 seconds after merge.

Cutting a release

The repository follows **Semantic Versioning 2.0.0** from `v1.0.0` onwards. The full convention (what MAJOR / MINOR / PATCH mean for a website + directory + docs deliverable) is in `README.md` → "Versioning"; the running history is in `CHANGELOG.md` at the repository root.

A release is cut whenever a milestone is worth marking — typically at the close of a sprint of substantive work, or after a noteworthy fix. The mechanics are wrapped in `scripts/release.sh` so the whole sequence is a single command:

1. While the work is being merged, accumulate notes in the `[Unreleased]` section of `CHANGELOG.md` via each PR. Keep the format consistent (subheadings such as *Added*, *Changed*, *Fixed*, *Security*).
2. When ready to release, ensure local `main` is in sync with `origin/main`, then run:

```
scripts/release.sh 1.1.0          # the version number you're cutting
scripts/release.sh 1.1.0 --dry-run # preview, change nothing
```

3. The script performs a pre-flight check (must be on `main`, clean tree, in sync with origin, tag not yet used), promotes `[Unreleased]` to `[1.1.0] · YYYY-MM-DD`, resets a fresh `[Unreleased]`, updates the compare-link block, commits, pushes, creates an annotated `v1.1.0` tag on the new commit, pushes the tag, and finally calls `gh release create` with the changelog body as the release notes.
4. On release day the script also runs `scripts/promote-roadmap.py` (added v1.7.0), which flips matching cards on the public roadmap from *planned* to *shipped* across `/roadmap.html`, `/roadmap.fr.html` and `/roadmap.de.html` in one pass.

5. If the version being cut is a minor or major release, the script prints a **PDF cover-bump reminder** at the end: a nudge to refresh the version stamp on this pack's cover and rebuild. Patch releases skip the reminder.
6. Before exiting, the script lists any **open issues tagged with the milestone** being cut. This is a sanity check, not a block: it is normal for some issues to roll forward to the next milestone, but seeing the list ensures nothing was meant to be in this release and silently slipped.

Pre-conditions

- `gh` CLI installed and authenticated against `EISSeuropa/netsec.github.io`.
- You can push to `main` (no branch-protection rule blocking direct push for release commits).
- The work that is *in* the release is already merged to `main`.

For changes that warrant a documentation-pack refresh, also bump the version stamp on the cover and run `./docs/pdf/build.sh` before tagging. The PDF carries its own version stamp on the cover and its own changelog in Appendix D — the two version axes are independent for historical reasons (see the v1.3.0 entry of this pack's own changelog appendix).

The Grants page in practice

FUNDING & SUPPORT

Grants & Calls

NetSec funds five types of networking grants to support mobility, conference participation, and virtual collaboration across European security studies. Calls are open to the wider research community, not just Action participants — see each grant's eligibility for details.



Applications go through e-COST [🔗](#) — sign in and select Action CA24154. **Only the five schemes below are funded by NetSec**; other grant types you may see in the portal aren't, and will be rejected if applied for.



MOBILITY

Short-Term Scientific Mission (STSM)

Supports a working visit to a host organisation in another country, for specific research carried out over a defined period — collaborating, using facilities, building new partnerships. The host must be in a different country than the applicant's.

AMOUNT

€ 2 100

ACTIVITY

In-person visit
to a host in another country

LOCATION

Anywhere
worldwide

ELIGIBILITY

- Open to anyone **affiliated in a COST Member country or NNC**, regardless of career stage.
- The **host organisation must be in a different country** than the applicant's affiliation.
- The visit supports the Action's objectives *and* the applicant's career development.
- Up to **50 % advance payment** may be released after awarding (STSM only — other grant types pay in full after the activity).
- If two or more STSM grantees share the same host, they must submit **original** (non-identical) scientific reports.

Apply on e-COST [🔗](#)



MOBILITY

Virtual Mobility Grant (VM)

The virtual counterpart of an STSM — structured collaboration with a host organisation in another country, conducted online. Same goals (research partnership, career development, achieving the Action's objectives), no travel.

AMOUNT

€ 1 300

ACTIVITY

Virtual collaboration
with a host in another country

LOCATION

Worldwide
online, no travel

ELIGIBILITY

- Open to anyone **affiliated in a COST Member country or NNC**.
- Collaboration with a host in a **different country** than the applicant's affiliation.
- The deliverable benefits both the grantee and the Action.

Apply on e-COST [🔗](#)



CONFERENCE GRANT

Young Researcher and Innovator Conference Grant

For **Young Researchers and Innovators** (under 40 at the time of application) to present their own research — either as an oral talk or a poster — at a conference within the Action's scope. Builds visibility for the next generation of European security scholars.

AMOUNT

€ 1 200

ACTIVITY

Oral or poster
your own work

LOCATION

Anywhere
face-to-face or virtual

ELIGIBILITY

- Action participants, **under 40 years old** at the time of application.
- Accepted to present (oral or poster) own work within the scope of the Action.
- Affiliated in any participating country.
- No overlap with another COST grant or meeting for the same activity.

On the e-COST portal, this application is visible only to applicants under 40.

[Apply on e-COST](#)

CONFERENCE GRANT

Inclusiveness Target Country Conference Grant

Supports researchers based in **Inclusiveness Target Countries (ITCs)** to present *their own* work — within the scope of the Action — at an external conference. The goal is to widen geographic participation and help individual careers along the way.

| AMOUNT | AVAILABLE | ACTIVITY | LOCATION |
|----------------|---|---|---|
| € 1 200 | 4 grants <small>across the Action</small> | Oral presentation <small>of your own research</small> | Anywhere <small>face-to-face or virtual</small> |

ELIGIBILITY

- Action participants **affiliated in ITCs or Near Neighbour Countries**.
- Accepted to give an **oral presentation of your own work**, within the scope of the Action.
- No overlap with another COST grant or meeting for the same activity.

On the e-COST portal, this application is visible only to applicants affiliated in an ITC.

[Apply on e-COST](#)

CONFERENCE GRANT

Dissemination Conference Grant

Supports an Action participant who is presenting **the Action's results** (its work, activities, or collective findings) at an external conference — boosting NetSec's visibility, attracting new participants, and disseminating outputs to the wider field.

| AMOUNT | ACTIVITY | LOCATION |
|----------------|---|---|
| € 1 250 | Oral presentation <small>of the Action's work</small> | Anywhere <small>face-to-face or virtual</small> |

ELIGIBILITY

- Action participants **affiliated in COST Member countries or Near Neighbour Countries (NNCs)**.
- Accepted to give an **oral presentation** of the Action's work, results, or activities (a poster or your own unrelated research doesn't qualify — see ITC / YRI grants below).
- No overlap with another COST grant or meeting for the same activity (no double funding).

[Apply on e-COST](#)

Figure 12 · Grants & Calls. All five NetSec grant schemes, with per-grant e-COST deep links and a vertical awarding-process timeline further down the page.

Escalation

| SYMPTOM | FIRST PORT OF CALL |
|--------------------------------|---|
| Site returns 404 / 500 | githubstatus.com |
| Sync workflow fails | Actions tab → click the failed run → scroll to the red step |
| Form submissions stop arriving | Formspree dashboard |

| SYMPTOM | FIRST PORT OF CALL |
|--|--|
| New bio doesn't appear after Monday's sync | Check Google Sheet (row present? consent ticked?) → manually trigger <code>Sync member bios</code> |
| Suspected security issue | Follow <code>SECURITY.md</code> — do not open a public issue |
| DNS / domain issue | Registrar admin; GitHub Pages settings as sanity check |

Handover checklist

The branch-protection ruleset's bypass is keyed to the repo `Admin` role, so the role transfer needs care — get it wrong and `release.sh` stops working until a re-grant. The full version is in `docs/admin-guide.md`; the headline items:

Access grants — new admin

- Add them to the `EISSeuropa` org with the `Admin` role on this repo (*not* `Maintain` or `Write`). The `Admin` role is what permits the `release.sh` bypass against `protect-main`.
- If a second person stays on as a non-release-cutting maintainer, give them `Maintain` separately — the `Admin` role is for the release-cutter only.
- Grant them ownership of the Google Form + linked Sheet.
- Grant them access to the Formspree project.
- Make sure they have edit rights to the DNS registrar entry at Namecheap.

Automation handover

- Provision a fresh fine-grained PAT in the new admin's name with these repository permissions: `Contents: read+write`, `Pull requests: read+write`, `Issues: read+write`, `Workflows: read+write`, `Administration: read+write`.
- Verify the new PAT works by listing rulesets: `gh api /repos/EISSeuropa/netsec.github.io/rulesets`.
- **Downgrade Administration to Read**. Steady-state automation does not need write. The ruleset bypass that lets `release.sh` push the changelog-promotion commit through `protect-main` is keyed to the user's *repository role* (`Admin`), not to the PAT's `Administration` permission — so the release pipeline continues to work unchanged. Read-only access still allows `gh api .../rulesets` for future verification. Re-grant `read+write` temporarily only when a ruleset adjustment is needed (and prefer the GitHub UI for one-off tweaks).
- Revoke the previous admin's PAT immediately after the new one is verified.

Verification

- Walk the new admin through this document and the markdown reference under `docs/`.
- Have them run `scripts/release.sh 0.0.0 --dry-run` from a synced `main`. The pre-flight should report "*✓ On main, clean, in sync with origin, v0.0.0 is fresh*" and stop there. A dry-run changes nothing.
- Have them visit [Settings](#) → [Rules](#) → [Rulesets](#) and confirm both rulesets are listed as *Active*.

Revocation — previous admin

- Remove the previous admin's repo access. Their bypass capability against `protect-main` disappears the moment their `Admin` role is removed — GitHub re-checks on every push, no caching to worry about.
- Remove or downgrade their org membership per Action policy.
- Update the *Owner / login* column in the accounts table with the new owner.

07 Security & DevSecOps

Threat model, disclosure policy, GitHub-native automation, supply-chain and operational hardening.

Security is treated as a continuous practice rather than a one-time review. The full coordinated-disclosure policy lives in [SECURITY.md](#) at the repository root; this chapter summarises what is in place, what is automated, and what is the responsibility of the human admins.

Threat model in one paragraph

The site is a **static HTML deployment** with no server-side code, no database, and no authenticated user surface. The classical injection bug-classes (SQL, RCE, deserialisation, SSRF) do not apply because nothing on the server interprets user input. The realistic risk surface narrows to four areas: **(1)** the contributor pipeline — a compromised GitHub account with push access, **(2)** the two sync workflows pulling data from external sources, **(3)** the third-party processors we depend on (Formspree, Google, GitHub Pages itself), and **(4)** personal data we hold in [data/bios.json](#). The controls below are sized for that surface.

Coordinated-disclosure policy in brief

The shape of [SECURITY.md](#) :

Scope

In scope: the current [main](#) branch, the deployed site at [netsec-cost.eu](#), the two GitHub Actions, the Python sync scripts, and any personal data we hold.

Out of scope: older branches, tags, or forks; reports about COST or EU branding; volumetric DoS against third parties (GitHub, Formspree, Google). Those go to the relevant vendor.

How to report

Two private channels, never a public GitHub issue:

- GitHub Security Advisories** (preferred):
github.com/EISSeuropa/netsec.github.io/security/advisories/new.
- Email** the maintainer; for data-protection matters specifically, contact the Data Controller (Universiteit Leiden) per the addresses listed in [privacy.html](#).

What to expect

| STAGE | TARGET |
|-----------------|------------------------|
| Acknowledgement | Within 5 working days. |

| STAGE | TARGET |
|----------------------------|--|
| Initial assessment | Within 14 working days. |
| Resolution — Critical | Patch in days; hotfix to <code>main</code> . |
| Resolution — High / Medium | Next sprint, typically 2–4 weeks. |
| Resolution — Low | Routine maintenance. |
| Disclosure | Coordinated; credit on request. |

Safe harbour

Good-faith research is welcomed: act only against your own data and the public site, avoid privacy violations and service disruption, do not retain personal data of others, and give us reasonable time to fix before public disclosure.

GitHub-native security automation

The repository is enrolled in five GitHub Advanced Security features. They run continuously, with results visible under the *Security* tab.

| FEATURE | TRIGGER | WHAT IT DOES |
|--|--|--|
| Private vulnerability reporting | Researcher submission | Offers external reporters a confidential channel inside GitHub, with end-to-end encryption and the option to collaborate on a fix in a private fork before public disclosure. Replaces the older "find an email address" route. |
| Security advisories | Maintainer-initiated, post-triage | Records every confirmed vulnerability as a draft advisory, links it to the fix commit, and publishes a CVE when warranted. Provides a single audit trail for evaluators. |
| Dependabot alerts | Continuous | Scans the dependency graph (Python <code>requirements.txt</code> , GitHub Actions versions) against the GitHub Advisory Database. Opens an issue per advisory with an upgrade path. |
| Code scanning — CodeQL | <code>push</code> + <code>pull_request</code> against <code>main</code> , plus a weekly cron | Runs the security-and-quality and security-extended CodeQL query suites at the <i>high-precision</i> setting, across HTML, JavaScript, Python, and GitHub Actions YAML. Findings appear as PR review comments and on the Security tab. |
| Secret scanning + push protection | Every push and historical sweep | Detects exposed tokens, API keys, and high-entropy strings matching known provider patterns. Push protection blocks the commit at <code>git push</code> time before the secret enters history. |

Why this combination, on a static site

The site itself has almost no executable code, but the *sync* workflows execute trusted Python with broad repo-write capabilities. Treating the build pipeline as a first-class security target, rather than just the deployed pages, is what these five tools collectively achieve.

Supply-chain and CI hardening

- **Pinned third-party Actions.** All `uses:` references in `.github/workflows/` are pinned to a major version tag (and where practical, to a commit SHA), so an upstream tag retag cannot inject new code without our review.
- **Least-privilege `GITHUB_TOKEN`.** Each workflow declares the narrowest `permissions:` block it needs (`contents: write` for the sync jobs, `contents: read` elsewhere). The default token is read-only at the repository level.
- **Two-person review on `main`.** Sync workflows do not auto-merge; they open a pull request and wait for a human reviewer. New bios are explicitly reviewed before going public.
- **No long-lived deploy keys.** Deployment is handled by GitHub Pages itself, using the repository's own short-lived OIDC token, so there is no external secret to rotate.
- **Source-of-truth visibility.** Both data files (`data/bios.json`, `data/mc-members.json`) are version-controlled. Any malicious or accidental change is one `git revert` away.

Branch and tag protection (GitHub rulesets)

Two repository rulesets enforce the boundary between routine and catastrophic operations on this repo. Together they guard against the classes of change that would otherwise bypass review — rewriting `main`'s history, deleting the deployed branch, or silently re-pointing a published version tag.

| RULESET | TARGET | WHAT IT ENFORCES | BYPASS |
|-----------------------------------|---|--|--|
| <code>protect-main</code> | Default branch (<code>main</code>) | Restricts deletions; restricts force-pushes (no bypass); requires linear history; requires a pull request before merging; requires conversation resolution; restricts merge methods to <i>squash</i> ; requires all four CodeQL status checks (<code>CodeQL</code> , <code>Analyze (actions)</code> , <code>Analyze (javascript-typescript)</code> , <code>Analyze (python)</code>) to pass. | Repository Admin , always. Allows <code>scripts/release.sh</code> to push the changelog-promotion commit directly while still blocking everyone else. |
| <code>protect-release-tags</code> | Tags matching <code>v*</code> | Restricts deletions, updates, and non-fast-forward updates. Once a release tag is published it cannot be moved or deleted via normal operations. | None — not even admins. To genuinely correct a mis-tagged release, the ruleset must be temporarily disabled from the UI. The friction is the point. |

Why these two rules, in this shape

The threat model singles out four catastrophic moves: force-pushing `main`, deleting `main`, deleting a published tag, and silently re-pointing a published tag. The first three are hard-blocked outright. The fourth (silent re-tagging) is the most insidious — a third party with write access could move `v1.0.0` to a different commit without leaving any auditable trace beyond the tag's own reflog. Restricting *tag updates* entirely, with no bypass, makes that class of change physically impossible without first toggling the ruleset off in the UI.

All other operations route through the normal pull-request + CodeQL flow.

Both rulesets are visible at [Settings → Rules → Rulesets](#); their JSON definitions are stored in the repo's GitHub configuration (not in the working tree) and can be exported via `gh api /repos/EISSeuropa/netsec.github.io/rulesets`.

Web-platform hardening

- **HTTPS everywhere.** GitHub Pages enforces HTTPS with an auto-renewed Let's Encrypt certificate. Plain-HTTP requests are redirected.
- **Strict-Transport-Security.** GitHub Pages sends a long-lived `Strict-Transport-Security` header on every response.
- **No inline secrets, no privileged scripts.** The only JavaScript on the site is the locally-hosted `assets/js/site.js`; no third-party tag managers, analytics, or chat widgets are loaded.
- **Minimal third-party calls.** At runtime the page contacts Google Fonts (CSS only), FlagCDN (PNG only), and Formspree (only on form submit). All declared in `privacy.html`.
- **SafeHTML form handling.** The contact form posts via HTTPS to Formspree; we never echo submitted content back into a page, so there is no XSS surface from the form.

Account and access hygiene

- **Two-factor authentication** is required on every account with push access via GitHub's org-level 2FA enforcement.
- **Maintain role, not Admin,** for routine collaborators. The *Admin* role is held only by accounts that genuinely need branch-protection or settings access.
- **Defence-in-depth on handover.** The admin handover checklist (Section 06) ends with revoking the previous admin's access; nobody keeps access "just in case".
- **Branch and tag protection** enforced via GitHub rulesets — see the dedicated section above. The `Admin` role is what grants the release-cutter their bypass against `protect-main`, so it is treated as a distinct, sparingly-granted role, separate from the routine `Maintain` permission.

Personal-data minimisation

The site holds minimal personal data: name, institution, country, working group(s), a short bio, optionally a photo and links. There is no email address in `data/bios.json`; the contact form is the only mechanism for reaching a member, and it is mediated by Formspree under a Data Processing Agreement. All processing

terms are spelt out in [privacy.html](#) ; the lawful basis is consent, captured at form submission time and revocable by request.

Audit trail

Every meaningful change to the site is a commit on [main](#) . Every commit links to a pull request, every pull request to the GitHub Actions run that built and deployed it, and every Security-tab event (alert, advisory, scan) timestamps an attributable user. The repository's *Insights* tab gives a single view of contributors, dependency health, and traffic.

A Appendix · Accessibility standard & assessment

What we target, how we test, what we found, and how to flag a barrier.

The full statement lives at netsec-cost.eu/accessibility.html and is the authoritative version. This appendix summarises it for evaluators reading offline.

Standards and legal framing

| ASPECT | POSITION |
|------------------------|---|
| Target conformance | WCAG 2.1 Level AA — Web Content Accessibility Guidelines, Level AA success criteria. |
| European harmonisation | Aligned with EN 301 549 , the European accessibility standard for ICT products and services. |
| Legal framework | Web Accessibility Directive 2016/2102 (EU). Each EU Member State designates its own enforcement body. |
| Current status | <i>Partially compliant</i> . The majority of WCAG 2.1 AA success criteria are met; the limitations listed below are tracked for a future iteration. |
| Statement version | v1.0 · prepared 14 May 2026 · next scheduled review 14 May 2027. |

Latest self-assessment

An automated audit was performed on **14 May 2026** with [axe-core 4.10.2](#) running against every section of the home page (with all collapsible regions expanded). Results:

| | | |
|------------------------|---------------------|---------------------------------|
| 0 Violations | 50 Passes | 1 Needs manual review |
|------------------------|---------------------|---------------------------------|

The single item flagged for manual review is colour contrast on text rendered over `backdrop-filter` glass surfaces — axe-core cannot evaluate this automatically because the perceived contrast depends on what's behind the surface. Manual spot-checks confirm these surfaces meet WCAG 2.1 AA contrast in both light and dark mode.

Test methodology

The statement was prepared by self-assessment using three complementary methods:

- **Manual review** of semantic HTML, keyboard navigation, focus management, and tab order — every page walked through with the keyboard alone.
- **Automated scans** with [axe-core 4.10.2](#) against the home page with all collapsible regions expanded.
- **Manual contrast spot-checks** on glass surfaces in both light and dark mode (the one case axe-core cannot evaluate).

We re-assess after material changes to the design system or content structure, and at a minimum once per year.

Features in place

A non-exhaustive list of the accessibility affordances the site already ships:

- Semantic landmarks (`<header>` , `<nav>` , `<main>` , `<footer>`) and a clean heading hierarchy without level jumps.
- Skip-to-content link, visible on keyboard focus.
- Visible `:focus-visible` ring on every interactive control.
- `alt` text on every image; explicit `<label for>` association on every form input.
- Light and dark themes with a manual toggle; OS-level `prefers-color-scheme` as the default.
- `prefers-reduced-motion` disables decorative animations.
- The *Management Committee by Country* directory uses a native `<details>` accordion — fully keyboard- and screen-reader-accessible without bespoke ARIA wiring. Deep-links to specific country cards auto-expand the section.
- The roadmap Gantt grid uses ARIA grid roles (`role="table"` , `role="row"` , `role="columnheader"` , `role="cell"`) so assistive technology parses it as tabular data.
- Working-group chips are grouped with `role="group"` and an `aria-label` so screen readers announce them as a group rather than as loose tokens.
- Contact form: inline validation, accessible error reporting, and a confirmation toast announced via `role="status" aria-live="polite"` .

Known limitations

The following parts of the site do not yet fully meet WCAG 2.1 AA, or have constraints worth flagging:

- **Roadmap Gantt chart.** A dense data visualisation. On narrow viewports the chart requires horizontal scrolling; the scroll region is keyboard-focusable so users can pan with arrow keys (WCAG 2.1.1), but a text-only alternative summary is not yet provided.
- **Decorative animations.** Aurora background blobs and reveal-on-scroll fades are automatically disabled when the OS or browser signals `prefers-reduced-motion` . We do not currently expose a separate per-site override.

- **Third-party assets.** Country flag thumbnails are served from flagcdn.com and member headshots from the GitHub Pages CDN. Long-term availability is outside the Action's direct control; if any image becomes unavailable, the surrounding text content remains intact and informative.
- **EU emblem SVG.** The *Funded by the European Union* emblem carries an `aria-label` and `role="img"` but no long description; it is described by the surrounding boilerplate text.

Reporting a barrier

If you encounter an accessibility barrier on this website, or need any of its content in an alternative format, please get in touch:

- Email the Action Chair, Dr Moritz Weiss — moritz.weiss@gsi.lmu.de
- Or use the [contact form](#) and mention "*accessibility*" in your message.

We aim to respond within **10 working days**.

Enforcement procedure

If you are not satisfied with our response, you may contact the equality body or accessibility-compliance body in your country. Within the European Union, each Member State designates its own enforcement body under the [Web Accessibility Directive 2016/2102](#).

B Appendix · Licensing

The dual MIT + CC BY 4.0 model and suggested attribution.

The repository uses **dual licensing**, matching EU and COST open-access norms: code is permissively licensed for any reuse, content is openly licensed with an attribution requirement.

| WHAT | LICENCE |
|---|--|
| Source code (HTML / CSS / JS, Python, GitHub Actions) | MIT |
| Site content (prose, page copy, documentation) | CC BY 4.0 |
| Member bios and photographs | © contributors, used with consent |
| Third-party assets (icons, fonts, flags, COST / EU) | Their own licences — see LICENSE-CONTENT |

Suggested attribution when reusing site content:

"Based on content from COST Action NetSec (CA24154), <https://netsec-cost.eu>, CC BY 4.0."

Where reusing the source code, an MIT-style attribution in your own [LICENSE](#) or [NOTICE](#) file is sufficient.

Why two licences

Source code and prose travel through different reuse channels. A permissive code licence (MIT) lets anyone fork the project and adapt the templates without an attribution wall in their UI; a content licence (CC BY 4.0) gives written work the standard open-access treatment expected by COST and the European Commission. Keeping them separate avoids accidentally over-licensing either side.

C Appendix · Promotional poster

An outward-facing A3 summary of the Action, ready for print and reuse.

The poster on the following page is the Action's **outreach-ready summary**. Where the internal poster after the cover (Section "NetSec at a glance") is sized for stakeholder reading inside this pack, this one is sized for **A3 portrait print** and designed for display: conference poster sessions, training-school noticeboards, departmental corkboards, and similar venues where someone will glance at it for ten seconds and want to leave with a URL.

Its content tracks netsec-cost.eu at **v1.1.0**: the eight headline features, the directory's running numbers (30 countries, 49 MC members, four Working Groups, five grant schemes), a mock of the searchable Network directory, and a scannable QR code resolving to the home page. The funding-statement strip at the foot carries the COST and EU emblems together with the standard *Funded by the European Union* attribution.

Source & reproduction

The source HTML is version-controlled at [docs/promo/poster-promo.html](https://github.com/netsec-cost/docs/promo/poster-promo.html); the rendered raster used in this appendix lives at [docs/pdf/poster-promo.png](https://github.com/netsec-cost/docs/pdf/poster-promo.png) (2480 × 3508 px, A3 portrait at ~192 dpi). To re-render after editing the HTML — e.g. when the running numbers change — run a headless Chrome capture from the repository root:

```
/Applications/Google\ Chrome.app/Contents/MacOS/Google\ Chrome \  
  --headless --disable-gpu --hide-scrollbars \  
  --virtual-time-budget=12000 \  
  --window-size=1240,1754 \  
  --force-device-scale-factor=2 \  
  --screenshot=docs/pdf/poster-promo.png \  
  "file://$(pwd)/docs/promo/poster-promo.html"
```

Then re-run `./docs/pdf/build.sh` to refresh this PDF.

Where it is used

- **This documentation pack** — embedded on the following page as the second half of Appendix C, so the pack itself doubles as a delivery vehicle for the poster.
- **Conference and training-school print runs** — A3 portrait prints distributed at events where NetSec members present or recruit.
- **Departmental noticeboards** — at participating institutions, especially those of MC members in early stages of building local working groups.
- **The members' Wiki press kit** — see [the Wiki](#); the rendered PNG is suitable for use as an attachment, a slide-deck cover, or a banner image.

- **Email outreach** — as an attachment to open-call communications and welcome emails to nominated MC representatives.
- **Annual reporting to COST** — as visual evidence of the Action's communication outputs.

What *not* to do with it

- Do not crop the funding-statement strip out — the COST and EU acknowledgement is a contractual requirement on derived communications.
- Do not edit the SPDX or licensing text in place. The licensing posture lives in [LICENSE](#) and [LICENSE-CONTENT](#) at the repository root; the poster carries no licence chip of its own by design.
- Do not use the poster as the Open Graph / social-share image for the website. OG images need a 1200 × 630 landscape format; the poster is A3 portrait. The OG image at [assets/images/og-image.png](#) remains the canonical share card.

• DELIVERABLE D1 • OPEN COMMUNITY DIRECTORY

Networking European security knowledge.

A static, privacy-first website and a public directory of the people, working groups and grants behind COST Action CA24154 — searchable, multilingual, and free to reuse.

WHAT SHIPS TODAY

netsec-cost.eu · v1.1.0

| | | | |
|--|---|---|---|
| Frosted-glass UI Layered cards on a calm aurora background, light + dark themes. | Multilingual English authoritative; French and German variants in beta with hreflang. | WCAG 2.1 AA EN 301 549-aligned; zero axe-core violations on the home page. | Mobile-responsive Reflows cleanly from 4K screens down to a 320 px phone. |
| Auto-sync Weekly GitHub Actions pull bios from a Google Form and MC roster from cost.eu. | SEO-ready Open Graph + Twitter Card + JSON-LD + sitemap + canonical URLs on every page. | GDPR-compliant No analytics or tracking pixels; consent-gated form pipeline; full privacy notice. | Dual-licensed Code under MIT; site copy and assets under CC BY 4.0. Reuse-friendly. |

THE DIRECTORY IN NUMBERS

data/bios.json · updated weekly

| | | | | | |
|------------------------|-------------------------|----------------------------|---------------------------|----------------------------|--------------------------|
| 30 COUNTRIES | 49 MC MEMBERS | 4 WORKING GROUPS | 5 GRANT SCHEMES | ~51% WOMEN ON MC | 3 UI LANGUAGES |
|------------------------|-------------------------|----------------------------|---------------------------|----------------------------|--------------------------|

THE NETWORK · A DIRECTORY YOU CAN ACTUALLY SEARCH

/people.html

Find a member [netsec-cost.eu/people](#)

security policy | WG1 WG2 WG3 WG4

| | |
|---|---|
| AL Dr Arthur Laudrain ETH Zürich · CH MC WG1 WG3 | MW Dr Moritz Weiss LMU München · DE Chair WG2 |
| EK Dr Eleni Kosma U. of Athens · GR MC WG2 lead | PN Prof Petra Novak U. of Ljubljana · SI Vice-Chair WG4 |

Search x WG/MC chip x country, all AND-combined. 49 members · 30 countries

JOIN THE NETWORK

Open call for bios. Always on.

Anyone working in or alongside European security studies can submit a profile. Required-consent form, weekly review on GitHub.

[Submit a bio](#) → [Browse the directory](#)

VISIT · REUSE · CONTRIBUTE

netsec-cost.eu
Scan to open the directory.



D Appendix · Changelog

What each revision of this documentation pack records — kept last so the most recent revision is the final page.

This changelog tracks the documentation pack itself, not the website. Website history is in `git log` on `main` and in [the repository's own CHANGELOG.md](#); documentation-pack versions are stamped on the cover and follow **Semantic Versioning 2.0.0** from v1.0.0 onwards. The current revision gets a full lede + themes + index treatment; older revisions are compressed to a single paragraph each so the appendix stays scannable as the release history grows.

v1.9.3 · May 2026 · Cover bump for website v1.8.0

Cover-only bump matching website [v1.8.0](#) ("Brand launch, Indico writes, programme PDF, voice sweep"). Records the gap to that release: the designer's four-petal NetSec mark and lockup are now deployed across all 46 site pages (header, favicon family, OG card, JSON-LD logo), two new operational scripts (`scripts/indico_patch.py` and `scripts/indico_clean_duplicate.py`) handle Indico write-side automation and the ESSC-N to ESSC-N+1 rollover, the programme page exports a self-identifying PDF with cover masthead and running header, the bios-sync and cost-sync workflows notify the maintainer when an auto-PR opens, and the CLAUDE.md §7 writing-voice rules are now applied retroactively across the EN public HTML surface. Section-level content not refreshed in this revision; the next pack release will catch Sections 02 through 06 up to website v1.8.0 (brand assets in Section 03 design system, two new Indico scripts in Section 02 repo layout, the writing-voice rules in Section 06 admin guide) and address the table-of-contents page-numbers structural improvement deferred from this pass. Tracked at [#122](#).

v1.9.2 · May 2026 · Layout patch

Follow-up layout patch on v1.9.1. Three issues survived the first pass. **Figures 9 and 10** (ESSC live programme, Network directory) rendered the full 1280 × 3200 source screenshot at print width, so each figure spanned more than one PDF page, stranding its `h2` on the page before and leaving the next page nearly empty. Fixed with a `.snapshot.cropped` variant: an inner `.clip` div caps the image at 170 mm with `overflow:hidden`, the caption sits inside the wrapper but outside the overflow context, and both figures now sit on one page directly below their heading. Captions explicitly note the crop and point readers at the live URL for the full surface. **Heading + following block:** `h2`, `h3`, `h4` all gain `break-after: avoid-page` + `page-break-after: avoid` so a sub-heading no longer strands when its first block is tall. **Section 05 SEO first page:** the chapter banner + intro paragraph rendered alone on page 34 because the `table` rule still carried `break-inside: avoid-page` from earlier styling, bonding the `h2` "What's in place" to its 10-row table and pushing the pair to page 35. Switching the table to `break-inside: auto` (with `tr { break-inside: avoid-page }` so individual rows still stay intact) lets the table start in whatever space remains on the chapter's first page and continue onto the next. No content edits.

v1.9.1 · May 2026 · Layout patch

Layout-only patch on the v1.9.0 content. **Page numbers** now render bottom-right via a `@bottom-right { content: counter(page) }` margin box on the default `@page` rule, suppressed on the cover, the promotional poster, and the A3 image plate. **Section-banner break:** `.section-banner` gains `break-after: avoid-page` so the chapter banner stays with the first content block rather than getting orphaned when the next block is large enough to push itself to a fresh page. **Two-up grid:** `.grid-2` gains `break-inside: avoid-page` so the

Feature inventory's two cards stay together. **Site screenshots:** `build.sh --shots` bumped the Chrome viewport from 1280×1600 to 1280×3200 and the virtual-time budget from 5 s to 12 s, so the IntersectionObserver-gated reveal-on-scroll sections on the home page have actually rendered by the time the screenshot fires; `snap-home.png` went from 0.78 MB (empty canvas above the hero) to 2.4 MB (full content visible). No content edits to Sections 01–07 or to any appendix prose. No new feature shipped, per the minor-vs-patch rule (`README.md` → Versioning).

v1.9.0 · May 2026 · Section-level catch-up to website v1.7.0

The pack's substantive content was last refreshed at website v1.3.0. Five releases have shipped since: Pagefind search and the Phase 1 IA pass (v1.4.0), the launch-QA polish and hybrid release-notes format (v1.5.0), the live ESSC programme with member-aware speaker popovers (v1.6.0), the pre-conference polish wave (v1.6.1), and the directory keyword pipeline with the release-time automation that now keeps the pack in sync (v1.7.0). This revision catches Sections 02 through 06 up to that state, refreshes the screenshots, and trims the typography of this appendix so it ages better.

Front-facing additions documented

Section 02 site graph and page inventory now record fifteen public pages instead of the previous ten: `about.html`, `news.html`, `roadmap.html`, `outputs.html` (all v1.4.0) and `essc-2026.html` (v1.6.0). The feature inventory grows with site-wide Pagefind search built at deploy time, the live ESSC programme with parallel-session cards plus livestream and room badges plus member-aware speaker popovers, the directory research-interest keyword pipeline (sentence-case normalisation through `data/keyword-aliases.json`, canonical chips on bio cards, filter chip row above the grid with URL-hash persistence so filtered views are shareable), and the `/calendar.ics` webcal feed.

Backend pipeline documented

Two new data-flow diagrams join Section 02: the Indico-to-live-programme pipeline (daily sync, `indico.json` write, `events.json` patching via `indicoEventId`, `calendar.ics` regeneration, PR on `indico-sync/auto`) and the roadmap autostamp (any PR touching `CHANGELOG.md` fires `sync-roadmap.yml`, which rewrites the AUTOSTAMP block in `docs/roadmap-2026.md`). The repo-layout listing absorbs the new scripts: `sync-indico.py`, `sync-roadmap.py`, `promote-roadmap.py`, the matching `test-sync-*.py` + `test-promote-roadmap.py` files, `check-css-class-collisions.py`, the new `data/` entries (`events.json`, `indico.json`, `keyword-aliases.json`, `i18n-state.json`), and the new workflow files.

Dev process documented

Section 06 Admin guide picks up three current realities. The release pipeline now does work humans used to: `scripts/release.sh` calls `scripts/promote-roadmap.py` before the release commit, which flips the matching planned card to shipped across EN + FR + DE with locale-correct date formats, inserts the localised release-notes link, and bumps the *Last updated* stamp. On minor / major releases the same script prints a structured PDF cover-bump reminder, and on every release lists the issues still tagged with the milestone you're about to cut. The three sync workflows are now uniformly PR-based with auto-merge armed in the workflow itself: `sync-bios.yml`, `sync-indico.yml`, `sync-roadmap.yml`. The Google Forms photo-replacement workaround is documented in `docs/bios-setup.md` Step 1 as a known upstream limitation (#183).

Appendix typography overhaul

This appendix used to give every entry a multi-bullet treatment, which scales poorly: the doc was on its twelfth revision before this catch-up. From now on the current revision keeps the lede + themed sub-sections + index format, and earlier entries collapse to a one-paragraph summary. Per-entry body type is dropped from the document's reading size to 9.5 pt with tighter line-height. The intent is the same as the hybrid format on the website CHANGELOG: prose where it earns its keep, terser as it ages.

Index of changes

Added

- Five new pages on the site graph (Figure 3): `about.html` , `news.html` , `roadmap.html` , `outputs.html` , `essc-2026.html` . Page inventory rows for each.
- Two new data-flow sequence diagrams in Section 02: Indico-to-live-programme and roadmap autostamp.
- Feature inventory entries for Pagefind search, ESSC live programme, directory research-interest keyword pipeline, `calendar.ics` webcal feed.
- New repository-layout entries: `sync-indico.py` , `sync-roadmap.py` , `promote-roadmap.py` , test files, data files, new workflows.
- New v1.9.0 changelog entry (this one) with lede + themes + index format.
- Two new site screenshots: `snap-essc-2026.png` (live programme grid) and `snap-about.png` (consolidated About page).

Changed

- Section 02 site-structure intro updated from "ten public pages" to "fifteen".
- Section 02 page-inventory annotations: `people.html` now reads `data/keyword-aliases.json` in addition to `bios.json` .
- Section 04 translation posture: paragraph on `window.netsecT` as the runtime-label helper used by the newer components.
- Section 05 SEO: note on the autostamp workflow's relationship with `sitemap.xml` (the autostamp writes to `roadmap-2026.md` , not the sitemap).
- Section 06 Admin guide: Reviewing a weekly sync PR now covers three workflows.
- Section 06 Admin guide: Cutting a release walks through the new `release.sh` behaviour (promote-roadmap, PDF reminder, open-issue audit).
- Three existing screenshots refreshed against the current site: `snap-home.png` , `snap-network.png` , `snap-grants.png` .
- Cover, poster footer, last-page footer, HTML `<title>` all stamped **v1.9.0**.
- Changelog appendix typography: 9.5 pt body, tighter line-height, current revision keeps hybrid format, older revisions compressed.

v1.8.0 · May 2026

Cover bump only. Records the gap to website v1.6.0 (live ESSC programme on `netsec-cost.eu` sourced from a daily Indico sync; member-aware speaker links with a glass preview popover; collapsible Shipped list on the public roadmap; CSS class-collision lint; persistent deep-link spotlight on the directory). Section-level content still reflected website v1.3.0; the catch-up was tracked in [issue #122](#) and shipped in this revision (v1.9.0).

v1.7.0 · May 2026

Cover bump only. Records the gap to website v1.4.0 (site-wide Pagefind search; Phase 1 IA pass adding About / news / outputs / roadmap pages; iCalendar feed; brand favicon) and v1.5.0 (launch-QA pass; accessibility statement v1.2; hybrid release-notes format adopted across the whole CHANGELOG). Section-level content not refreshed in this revision.

v1.6.0 · May 2026

Section-level catch-up to website v1.2.0 to v1.3.0. Site graph in Section 02 rewritten to ten public pages, with the *Find out more* discovery grid and *For NetSec members* strip surfaced explicitly. Page inventory extended with

[licensing.html](#), [press-kit.html](#), [faq.html](#), [glossary.html](#). Repository layout reflects current scripts and data files. Screenshots refreshed.

v1.5.2 · May 2026

Appendix shuffle: promotional poster moves to Appendix C, changelog to Appendix D (so the pack ends on its changelog rather than the poster image). Full-bleed poster page introduced via a dedicated `@page promo-plate { margin: 0 }` rule, eliminating the blank pages that flanked the previous A3 raster. Global doc footer moves with the appendix shuffle so the version stamp still sits on the very last page.

v1.5.1 · May 2026

HTML `<title>` now carries the documentation-pack version, so the file's PDF metadata and the browser tab surface it without opening the cover. Author affiliation simplified on the cover and last-page footer from *ETH Zurich CSS* to *ETH Zurich*.

v1.5.0 · May 2026

New Appendix D Promotional poster: an outward-facing A3 portrait of the Action embedded as the final two pages of the pack. Source HTML at [docs/promo/poster-promo.html](#); rendered raster at [docs/pdf/poster-promo.png](#) (2480 × 3508 px). Use cases: conference print runs, departmental noticeboards, members' Wiki press kit, email outreach, COST annual reporting. Global doc footer relocated to the new appendix's text page. (*Re-ordered in v1.5.2.*)

v1.4.1 · May 2026

Clarification on PAT permissions for the automation account. The previous handover checklist called for `Administration: read+write` as the steady state; that overstated what the script needs. The ruleset bypass against `protect-main` is keyed to the user's repo *Admin* role, not to the PAT's `Administration` permission. Steady-state automation can run with `Administration: Read` (or none at all); re-grant `read+write` temporarily only when a ruleset adjustment is needed.

v1.4.0 · May 2026

New Section 07 subsection: Branch and tag protection. Documents the two GitHub rulesets now enforcing on the repo (`protect-main`, `protect-release-tags`) and why the tag ruleset has no bypass for anyone. Admin guide handover checklist rewritten around the consequence that the release-cutter needs the repo *Admin* role, with four sub-checklists (access grants, automation handover, verification, revocation).

v1.3.0 · May 2026

Semantic Versioning adopted for this pack from v1.0.0 onwards, matching the wider release convention (see [README.md](#) Versioning and the root [CHANGELOG.md](#)). Earlier covers' v1.0 / v1.1 / v1.2 are re-stamped as v1.0.0 / v1.1.0 / v1.2.0 in the entries below; content unchanged. Admin guide gains a *Cutting a release* subsection walking through [scripts/release.sh](#) . Repository tagged v1.0.0 on 20 May 2026, marking Deliverable D1 ready for review.

v1.2.0 · May 2026 (was: v1.2)

New Section 07 Security & DevSecOps: threat model, coordinated-disclosure policy, GitHub-native automation inventory (private vulnerability reporting, security advisories, Dependabot alerts, CodeQL on push / pull-request / weekly cron, secret scanning with push protection), supply-chain hardening (pinned Actions, least-privilege `GITHUB_TOKEN`), web-platform hardening (HTTPS-only, HSTS, no third-party trackers), account hygiene,

personal-data minimisation. Appendix B split: security promoted to Section 07; Appendix B now licensing only. New Appendix C Changelog (this appendix).

v1.1.0 · May 2026 (was: v1.1)

New full-bleed poster page after the cover with the website in numbers (30 countries, 49 MC members, 4 Working Groups, 5 grant schemes) and eight headline features. New Section 04 Translation posture: sibling-file approach for FR/DE beta, drift-checker workflow, explicit no-machine-translation stance. New Section 05 SEO & discoverability: Open Graph, Twitter Card, JSON-LD, canonical URLs, hreflang, sitemap, 404 strategy; [inject-seo.py](#) idempotent generator. DNS row clarified: Namecheap, registered under Dr Moritz Weiss with Dr Arthur Laudrain as admin contact.

v1.0.0 · May 2026 (was: v1.0)

Initial release of the documentation pack as part of Deliverable D1. Cover, table of contents, six core chapters (Overview & purpose, Architecture with data-flow diagrams for the weekly sync workflows, Design system, Admin guide, Appendix A Accessibility, Appendix B Security & Licensing as a single combined appendix in this revision). Three site screenshots, Mermaid diagrams inlined and rendered client-side at build time. Build pipeline ([docs/pdf/build.sh](#)) using a local HTTP server plus Chrome headless `--print-to-pdf` , no external services.

NetSec: Networking European Security Knowledge · COST Action CA24154 · MoU 063/25 · Running 10 Oct 2025 to 09 Oct 2029.

Documentation v1.9.2 · Compiled May 2026 by Dr Arthur Laudrain (MC member, CH; ETH Zurich) as part of Deliverable D1.
The views expressed are those of the Action and do not necessarily reflect those of COST or the European Union.