ONETOO Ecosystem - High-Level Architecture
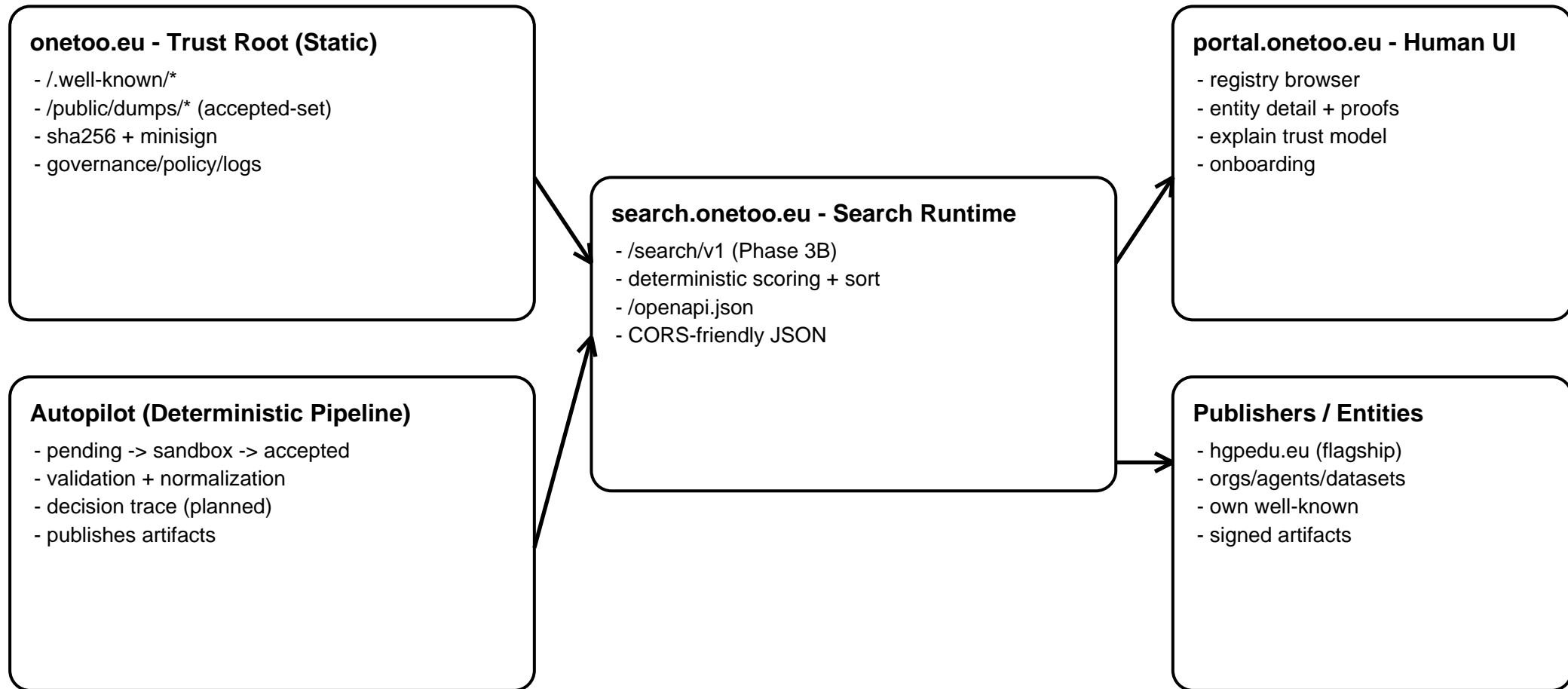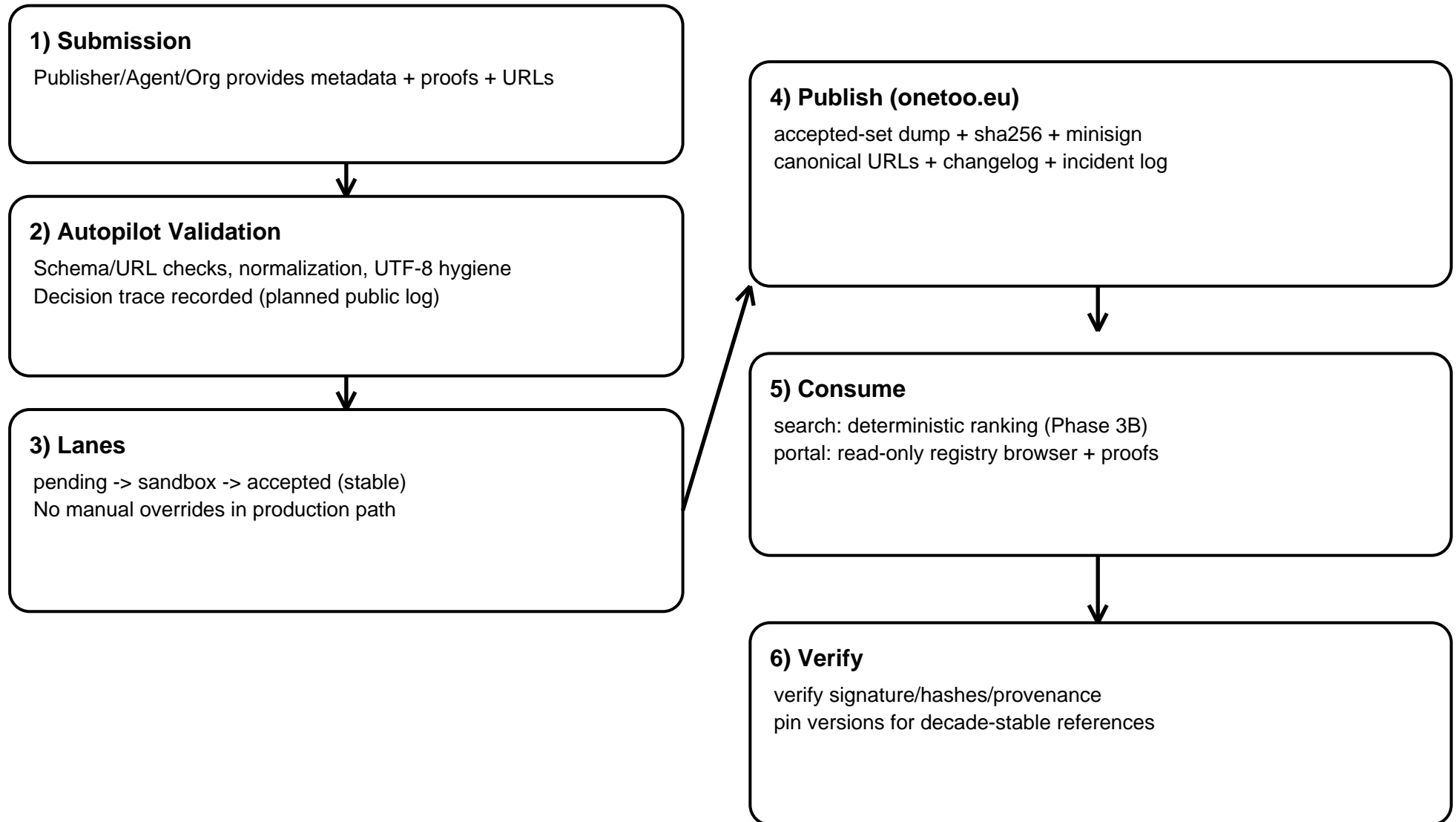
As-of 2026-01-25 | Deterministic, auditable trust fabric (no ML)

onetoo.eu - Trust Root (Static)

- /.well-known/*
- /public/dumps/* (accepted-set)
- sha256 + minisign
- governance/policy/logs

Autopilot (Deterministic Pipeline)

- pending -> sandbox -> accepted
- validation + normalization
- decision trace (planned)
- publishes artifacts

search.onetoo.eu - Search Runtime

- /search/v1 (Phase 3B)
- deterministic scoring + sort
- /openapi.json
- CORS-friendly JSON

portal.onetoo.eu - Human UI

- registry browser
- entity detail + proofs
- explain trust model
- onboarding

Publishers / Entities

- hgpedu.eu (flagship)
- orgs/agents/datasets
- own well-known
- signed artifacts

Note: portal is read-only. It does not approve, override, or author trust decisions.

ONETOO - Deterministic Trust Flow (Decision + Publishing)

Same input -> same decision -> same published artifacts (audit-friendly)

1) Submission

Publisher/Agent/Org provides metadata + proofs + URLs

2) Autopilot Validation

Schema/URL checks, normalization, UTF-8 hygiene
Decision trace recorded (planned public log)

3) Lanes

pending -> sandbox -> accepted (stable)
No manual overrides in production path

4) Publish (onetoo.eu)

accepted-set dump + sha256 + minisign
canonical URLs + changelog + incident log

5) Consume

search: deterministic ranking (Phase 3B)
portal: read-only registry browser + proofs

6) Verify

verify signature/hashes/provenance
pin versions for decade-stable references

Design invariant: read-only consumers (search/portal) must never become the source of truth.