

FirmsFinder GEO — changelog.json

Fișier sursă	geo/changelog.json (repository aipath512/firmsfinder)
Commit sursă	7840a680e04a3b327ccdeb5dd5698c2ea1fc1293
SHA-256 (octeții fișierului JSON)	0db7598d45eedb0c3d5b5eac3146aaace88826f6c4a441487fde9f574a06241b
Dimensiune JSON	44902 octeți
Generat la	2026-10-14 08:52:43 (UTC+03:00, Europe/Bucharest)
Generat la (UTC)	2026-10-14 05:52:43 UTC
Generat de	Claude (asistent AI creat de Anthropic), Claude Sonnet 5.5; ora provine de la ceasul sesiunii
Versiune document	v1.0

Conținutul de mai jos este textul fișierului JSON, neschimbat; liniile lungi sunt rupte doar vizual, pentru afișare. Acest PDF este o redare a fișierului la commit-ul indicat. Nu este semnătură electronică calificată (eIDAS), nu este certificat și nu atestă că fișierul este valid sau implementat în runtime. Amprenta SHA-256 se referă la octeții fișierului JSON din repository, nu la acest PDF.

```
{
  "schema": "FIRMSFINDER_GEO_CHANGELOG",
  "version": "1.0.0",
  "generated_at": "2026-10-13",
  "website": "https://firmsfinder.eu",
  "publisher": "AiVenture S.R.L.",
  "language": "ro-R0",
  "status": "draft_local_inventory_not_deployed",
  "geo_signals": [
    "GE059"
  ],
  "purpose": "Istoric verificabil al modificarilor, versiunilor, aprobarilor, commiturilor, deploymenturilor si probelor, fara a confunda generarea locala cu publicarea sau verificarea runtime.",
  "scope_note": "Snapshot local la data generarii. Nu constituie jurnal istoric complet al repository-ului GitHub si nici inventar confirmat al productie Cloudflare.",
  "source_registry": {
    "corrections": "geo/corrections.json",
    "experiments": "geo/experiments.json",
    "observations": "geo/observations.json",
    "scorecard": "geo/scorecard.json",
    "consistency_manifest": "geo/consistency-manifest.json",
    "verification_planned": "geo/verification.json"
  },
  "principles": [
    "Generated != Deployed",
    "Deployed != Valid",
    "Valid != Verified",
    "Claim != Proof",
    "No source -> no verified claim",
    "Nu se inventeaza commituri, aprobari, hashuri publice, deploy-uri sau rezultate de audit"
  ],
  "change_id_format": "CHG-001",
  "release_id_format": "REL-GEO-YYYYMMDD-KIND-NNN",
  "event_types": {
    "local_artifact_generated": "Fisier identificat local si verificat sintactic; nu implica publicare",
    "content_changed": "Text sau date schimbate, cu before/after",
    "schema_changed": "Campuri, tipuri sau structuri schimbate",
    "semantic_rule_changed": "Reguli CAEN/ERE/claims schimbate",
    "bugfix": "Corectie legata de issue_id",
    "rollback": "Revenire la un commit anterior",
    "verification_update": "Rezultat nou de verificare, fara a schimba neaparat sursa",
    "deployment": "Publicare a unui commit, doar cu dovada reala"
  },
  "workflow": {
    "states": [
      "draft",
      "reviewed",
      "approved",
      "committed",
      "deployed",
      "production_verified",
      "rolled_back",
      "rejected"
    ],
    "transitions": [
      {
        "from": "draft",
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        "to": "reviewed",
        "requires": [
            "reviewer",
            "reviewed_at"
        ]
    },
    {
        "from": "reviewed",
        "to": "approved",
        "requires": [
            "approved_by",
            "approved_at"
        ]
    },
    {
        "from": "approved",
        "to": "committed",
        "requires": [
            "commit_sha",
            "commit_url"
        ]
    },
    {
        "from": "committed",
        "to": "deployed",
        "requires": [
            "deployment_id",
            "deployment_url",
            "deployed_at"
        ]
    },
    {
        "from": "deployed",
        "to": "production_verified",
        "requires": [
            "public_http_status",
            "public_content_type",
            "public_sha256",
            "verified_at",
            "verified_by"
        ]
    }
],
"note": "Acestea sunt reguli tinta, nu dovada ca un sistem automat le impune."
},
"change_record_template": {
    "change_id": null,
    "change_type": null,
    "artifact_path": null,
    "artifact_version": null,
    "description": null,
    "recorded_at": null,
    "origin": null,
    "before": {
        "version": null,
        "sha256": null,
        "verified": false
    },
    "change": {
        "action": null,
        "file_sha256": null,
        "bytes": null,
        "author": null,
        "reviewer": null,
        "approval_status": "not_checked",
        "pull_request_url": null,
        "commit_sha": null,
        "commit_url": null
    },
    "deployment": {
        "provider": "Cloudflare Pages",
        "environment": "production",
        "status": "not_checked",
        "deployment_id": null,
        "deployment_url": null,
        "deployed_at": null
    },
    "verification": {
        "local_json": "not_checked",
        "local_sha256": "not_checked",
        "public_http_status": null,
        "public_content_type": null,
        "public_sha256": null,
        "verified_by": null,
        "verified_at": null,
        "status": "not_checked"
    }
}

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},
"related_issue_ids": [],
"related_experiment_ids": [],
"evidence": [],
"status": "draft"
},
"local_artifact_inventory": [
{
"sequence": 1,
"path": "geo/unknown.json",
"local_artifact": null,
"local_sha256": null,
"local_bytes": null,
"document_version": null,
"json_syntax": "not_checked",
"local_availability": "not_available_in_session",
"public_availability": "not_checked",
"github_commit_sha": null,
"cloudflare_deployment_id": null,
"production_sha256": null
},
{
"sequence": 2,
"path": "geo/unknown.json",
"local_artifact": null,
"local_sha256": null,
"local_bytes": null,
"document_version": null,
"json_syntax": "not_checked",
"local_availability": "not_available_in_session",
"public_availability": "not_checked",
"github_commit_sha": null,
"cloudflare_deployment_id": null,
"production_sha256": null
},
{
"sequence": 3,
"path": "geo/unknown.json",
"local_artifact": null,
"local_sha256": null,
"local_bytes": null,
"document_version": null,
"json_syntax": "not_checked",
"local_availability": "not_available_in_session",
"public_availability": "not_checked",
"github_commit_sha": null,
"cloudflare_deployment_id": null,
"production_sha256": null
},
{
"sequence": 4,
"path": "geo/unknown.json",
"local_artifact": null,
"local_sha256": null,
"local_bytes": null,
"document_version": null,
"json_syntax": "not_checked",
"local_availability": "not_available_in_session",
"public_availability": "not_checked",
"github_commit_sha": null,
"cloudflare_deployment_id": null,
"production_sha256": null
},
{
"sequence": 5,
"path": "geo/intents.json",
"local_artifact": "FirmsFinder_GEO_05_intents.json",
"local_sha256": "cac0aed74fd5cd5b514505dfb26fde6ef54295aeab2cae5c64a772730458c24a",
"local_bytes": 71622,
"document_version": "1.0",
"json_syntax": "PASS",
"local_availability": "present",
"public_availability": "not_checked",
"github_commit_sha": null,
"cloudflare_deployment_id": null,
"production_sha256": null
},
{
"sequence": 6,
"path": "geo/claims.json",
"local_artifact": "FirmsFinder_GEO_06_claims.json",
"local_sha256": "947c21c23db98b1ac9a5ddfb8c3755bcbfb5c35993541b47ebf8b98e7058cdd",
"local_bytes": 14215,
"document_version": "1.0.0",
"json_syntax": "PASS",
"local_availability": "present",

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    "public_availability": "not_checked",
    "github_commit_sha": null,
    "cloudflare_deployment_id": null,
    "production_sha256": null
  },
  {
    "sequence": 7,
    "path": "geo/citable-chunks.json",
    "local_artifact": "FirmsFinder_GEO_07_citable-chunks.json",
    "local_sha256": "2652db85a3df15c2915912faf9d323d6c50ca8b9fc7f1e8f26a06ccd9506a9",
    "local_bytes": 16890,
    "document_version": "1.0.0",
    "json_syntax": "PASS",
    "local_availability": "present",
    "public_availability": "not_checked",
    "github_commit_sha": null,
    "cloudflare_deployment_id": null,
    "production_sha256": null
  },
  {
    "sequence": 8,
    "path": "geo/rag-metadata.json",
    "local_artifact": "FirmsFinder_GEO_08_rag-metadata.json",
    "local_sha256": "aa3491ecaad2f26afccc4bbf0a2b2b370fe5b714517ccf95b9aae2aa019d14d7",
    "local_bytes": 16458,
    "document_version": "1.0.0",
    "json_syntax": "PASS",
    "local_availability": "present",
    "public_availability": "not_checked",
    "github_commit_sha": null,
    "cloudflare_deployment_id": null,
    "production_sha256": null
  },
  {
    "sequence": 9,
    "path": "geo/proprietary-data.json",
    "local_artifact": "FirmsFinder_GEO_09_proprietary-data.json",
    "local_sha256": "f036e73548a041382a33ad55c61d51eab20a7140ca4bdefc3733f790ca80280c",
    "local_bytes": 4267,
    "document_version": "1.0.0",
    "json_syntax": "PASS",
    "local_availability": "present",
    "public_availability": "not_checked",
    "github_commit_sha": null,
    "cloudflare_deployment_id": null,
    "production_sha256": null
  },
  {
    "sequence": 10,
    "path": "geo/evidence.json",
    "local_artifact": "FirmsFinder_GEO_10_evidence.json",
    "local_sha256": "c2cdb3b762bba169adfed1a0f324992536412a7b4f628f7450184027ef9084e5",
    "local_bytes": 22659,
    "document_version": "1.0.0",
    "json_syntax": "PASS",
    "local_availability": "present",
    "public_availability": "not_checked",
    "github_commit_sha": null,
    "cloudflare_deployment_id": null,
    "production_sha256": null
  },
  {
    "sequence": 11,
    "path": "geo/glossary.json",
    "local_artifact": "FirmsFinder_GEO_11_glossary.json",
    "local_sha256": "5321d68dc9ee8401ffc8f320a651610f90931379de76e59d2982fd57d2b65bdf",
    "local_bytes": 25293,
    "document_version": "1.0.0",
    "json_syntax": "PASS",
    "local_availability": "present",
    "public_availability": "not_checked",
    "github_commit_sha": null,
    "cloudflare_deployment_id": null,
    "production_sha256": null
  },
  {
    "sequence": 12,
    "path": "geo/knowledge-graph.json",
    "local_artifact": "FirmsFinder_GEO_12_knowledge-graph.json",
    "local_sha256": "4e23e115138046db7c533e63f26e205b4b4a2294c732679c71b450bf3c27a227",
    "local_bytes": 10295,
    "document_version": "1.0.0",
    "json_syntax": "PASS",
    "local_availability": "present",
    "public_availability": "not_checked",
    "github_commit_sha": null,
  }
}

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"cloudflare_deployment_id": null,
"production_sha256": null
},
{
  "sequence": 13,
  "path": "geo/consistency-manifest.json",
  "local_artifact": "FirmsFinder_GEO_13_consistency-manifest.json",
  "local_sha256": "7d7923b714c6b06786967f187c2675b133302cf9e6afdafb211bde00136e93ec",
  "local_bytes": 10589,
  "document_version": "1.1.0",
  "json_syntax": "PASS",
  "local_availability": "present",
  "public_availability": "not_checked",
  "github_commit_sha": null,
  "cloudflare_deployment_id": null,
  "production_sha256": null
},
{
  "sequence": 14,
  "path": "geo/external-corroboration.json",
  "local_artifact": "FirmsFinder_GEO_14_external-corroboration.json",
  "local_sha256": "d81a529603ab26014541da8612c777372a65c837db0833e6fb4470c871ff22d4",
  "local_bytes": 16107,
  "document_version": "1.0.0",
  "json_syntax": "PASS",
  "local_availability": "present",
  "public_availability": "not_checked",
  "github_commit_sha": null,
  "cloudflare_deployment_id": null,
  "production_sha256": null
},
{
  "sequence": 15,
  "path": "geo/reference-set.json",
  "local_artifact": "FirmsFinder_GEO_15_reference-set.json",
  "local_sha256": "098080634dfe86eb6b176bdc3c5d9b7e3d5270250bf17487884ebc009ac7e408",
  "local_bytes": 61102,
  "document_version": "1.0.0",
  "json_syntax": "PASS",
  "local_availability": "present",
  "public_availability": "not_checked",
  "github_commit_sha": null,
  "cloudflare_deployment_id": null,
  "production_sha256": null
},
{
  "sequence": 16,
  "path": "geo/observations.json",
  "local_artifact": "FirmsFinder_GEO_16_observations.json",
  "local_sha256": "27cb220d1c6c51a4f9615b9ed5628c91920ef808f90292234623e170d8015a0e",
  "local_bytes": 24381,
  "document_version": "1.0.0",
  "json_syntax": "PASS",
  "local_availability": "present",
  "public_availability": "not_checked",
  "github_commit_sha": null,
  "cloudflare_deployment_id": null,
  "production_sha256": null
},
{
  "sequence": 17,
  "path": "geo/experiments.json",
  "local_artifact": "FirmsFinder_GEO_17_experiments.json",
  "local_sha256": "286016b94e27ce439d9dbab0b3ffc1ea406368ecbf046e59e5b7d7d3a1f69ff4",
  "local_bytes": 21323,
  "document_version": "1.0.0",
  "json_syntax": "PASS",
  "local_availability": "present",
  "public_availability": "not_checked",
  "github_commit_sha": null,
  "cloudflare_deployment_id": null,
  "production_sha256": null
},
{
  "sequence": 18,
  "path": "geo/scorecard.json",
  "local_artifact": "FirmsFinder_GEO_18_scorecard.json",
  "local_sha256": "b232905f94c088e817c594ddf4ffa70e0d2d59ecca3f91573c29d8897ff86471",
  "local_bytes": 13683,
  "document_version": "1.0.0",
  "json_syntax": "PASS",
  "local_availability": "present",
  "public_availability": "not_checked",
  "github_commit_sha": null,
  "cloudflare_deployment_id": null,
  "production_sha256": null
}

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},
{
  "sequence": 19,
  "path": "geo/corrections.json",
  "local_artifact": "FirmsFinder_GEO_19_corrections.json",
  "local_sha256": "bdbfeffb2b4032f2e9847f68602770cc58d0fc4b1a09b5e0487a7ef1c28935aaa",
  "local_bytes": 15298,
  "document_version": "1.0.0",
  "json_syntax": "PASS",
  "local_availability": "present",
  "public_availability": "not_checked",
  "github_commit_sha": null,
  "cloudflare_deployment_id": null,
  "production_sha256": null
},
{
  "sequence": 20,
  "path": "geo/changelog.json",
  "local_artifact": null,
  "local_sha256": null,
  "local_bytes": null,
  "document_version": null,
  "json_syntax": "not_checked",
  "local_availability": "planned",
  "public_availability": "not_checked",
  "github_commit_sha": null,
  "cloudflare_deployment_id": null,
  "production_sha256": null
},
{
  "sequence": 21,
  "path": "geo/verification.json",
  "local_artifact": null,
  "local_sha256": null,
  "local_bytes": null,
  "document_version": null,
  "json_syntax": "not_checked",
  "local_availability": "planned",
  "public_availability": "not_checked",
  "github_commit_sha": null,
  "cloudflare_deployment_id": null,
  "production_sha256": null
}
],
"change_entries": [
  {
    "change_id": "CHG-005",
    "change_type": "local_artifact_generated",
    "artifact_path": "geo/intents.json",
    "artifact_version": "1.0",
    "description": "Exemplarul local al fișierului 05/21 a fost identificat și validat sintactic la generarea acestui registru.",
    "recorded_at": "2026-10-13",
    "origin": "local_file_inspection",
    "before": {
      "version": null,
      "sha256": null,
      "verified": false
    },
    "change": {
      "action": "register_local_snapshot",
      "file_sha256": "cac0aed74fd5cd5b514505dfb26fde6ef54295aeab2cae5c64a772730458c24a",
      "bytes": 71622,
      "author": null,
      "reviewer": null,
      "approval_status": "not_checked",
      "pull_request_url": null,
      "commit_sha": null,
      "commit_url": null
    },
    "deployment": {
      "provider": "Cloudflare Pages",
      "environment": "production",
      "status": "not_checked",
      "deployment_id": null,
      "deployment_url": null,
      "deployed_at": null
    },
    "verification": {
      "local_json": "PASS",
      "local_sha256": "COMPUTED",
      "public_http_status": null,
      "public_content_type": null,
      "public_sha256": null,
      "verified_by": null,
      "verified_at": null,

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    "status": "local_only"
  },
  "related_issue_ids": [],
  "related_experiment_ids": [],
  "evidence": [
    {
      "type": "local_file_hash",
      "value": "da833bb0a42308e644a8a1ad70e6c142d08f63220e2fea8a499828f86ae5eb9b",
      "scope": "local",
      "status": "computed"
    }
  ],
  "status": "local_snapshot_only"
},
{
  "change_id": "CHG-006",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/claims.json",
  "artifact_version": "1.0.0",
  "description": "Exemplarul local al fișierului 06/21 a fost identificat și validat sintactic la generarea acestui registru.",
  "recorded_at": "2026-10-13",
  "origin": "local_file_inspection",
  "before": {
    "version": null,
    "sha256": null,
    "verified": false
  },
  "change": {
    "action": "register_local_snapshot",
    "file_sha256": "947c21c23db98b1ac9a5ddf8b8c3755bcfb5c35993541b47ebf8b98e7058cdd",
    "bytes": 14215,
    "author": null,
    "reviewer": null,
    "approval_status": "not_checked",
    "pull_request_url": null,
    "commit_sha": null,
    "commit_url": null
  },
  "deployment": {
    "provider": "Cloudflare Pages",
    "environment": "production",
    "status": "not_checked",
    "deployment_id": null,
    "deployment_url": null,
    "deployed_at": null
  },
  "verification": {
    "local_json": "PASS",
    "local_sha256": "COMPUTED",
    "public_http_status": null,
    "public_content_type": null,
    "public_sha256": null,
    "verified_by": null,
    "verified_at": null,
    "status": "local_only"
  },
  "related_issue_ids": [],
  "related_experiment_ids": [],
  "evidence": [
    {
      "type": "local_file_hash",
      "value": "947c21c23db98b1ac9a5ddf8b8c3755bcfb5c35993541b47ebf8b98e7058cdd",
      "scope": "local",
      "status": "computed"
    }
  ],
  "status": "local_snapshot_only"
},
{
  "change_id": "CHG-007",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/citable-chunks.json",
  "artifact_version": "1.0.0",
  "description": "Exemplarul local al fișierului 07/21 a fost identificat și validat sintactic la generarea acestui registru.",
  "recorded_at": "2026-10-13",
  "origin": "local_file_inspection",
  "before": {
    "version": null,
    "sha256": null,
    "verified": false
  },
  "change": {
    "action": "register_local_snapshot",
    "file_sha256": "2652db85a3df15c2915912faf9d323d6c50ca8b9fc7f1e8f26a06ccd9506a9",

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    "bytes": 16890,
    "author": null,
    "reviewer": null,
    "approval_status": "not_checked",
    "pull_request_url": null,
    "commit_sha": null,
    "commit_url": null
  },
  "deployment": {
    "provider": "Cloudflare Pages",
    "environment": "production",
    "status": "not_checked",
    "deployment_id": null,
    "deployment_url": null,
    "deployed_at": null
  },
  "verification": {
    "local_json": "PASS",
    "local_sha256": "COMPUTED",
    "public_http_status": null,
    "public_content_type": null,
    "public_sha256": null,
    "verified_by": null,
    "verified_at": null,
    "status": "local_only"
  },
  "related_issue_ids": [],
  "related_experiment_ids": [],
  "evidence": [
    {
      "type": "local_file_hash",
      "value": "ace1db14eea8930904ecc865a7b199af2199d2e3cd05f173f07667f8918e3cfa",
      "scope": "local",
      "status": "computed"
    }
  ],
  "status": "local_snapshot_only"
},
{
  "change_id": "CHG-008",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/rag-metadata.json",
  "artifact_version": "1.0.0",
  "description": "Exemplarul local al fișierului 08/21 a fost identificat și validat sintactic la generarea acestui registru.",
  "recorded_at": "2026-10-13",
  "origin": "local_file_inspection",
  "before": {
    "version": null,
    "sha256": null,
    "verified": false
  },
  "change": {
    "action": "register_local_snapshot",
    "file_sha256": "aa3491ecaad2f26afccc4bbf0a2b2b370fe5b714517ccf95b9aae2aa019d14d7",
    "bytes": 16458,
    "author": null,
    "reviewer": null,
    "approval_status": "not_checked",
    "pull_request_url": null,
    "commit_sha": null,
    "commit_url": null
  },
  "deployment": {
    "provider": "Cloudflare Pages",
    "environment": "production",
    "status": "not_checked",
    "deployment_id": null,
    "deployment_url": null,
    "deployed_at": null
  },
  "verification": {
    "local_json": "PASS",
    "local_sha256": "COMPUTED",
    "public_http_status": null,
    "public_content_type": null,
    "public_sha256": null,
    "verified_by": null,
    "verified_at": null,
    "status": "local_only"
  },
  "related_issue_ids": [],
  "related_experiment_ids": [],
  "evidence": [
    {
      "type": "local_file_hash",

```

```

      "value": "aa3491ecaad2f26afccc4bbf0a2b2b370fe5b714517ccf95b9aae2aa019d14d7",
      "scope": "local",
      "status": "computed"
    }
  ],
  "status": "local_snapshot_only"
},
{
  "change_id": "CHG-009",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/proprietary-data.json",
  "artifact_version": "1.0.0",
  "description": "Exemplarul local al fișierului 09/21 a fost identificat și validat sintactic la generarea acestui registru.",
  "recorded_at": "2026-10-13",
  "origin": "local_file_inspection",
  "before": {
    "version": null,
    "sha256": null,
    "verified": false
  },
  "change": {
    "action": "register_local_snapshot",
    "file_sha256": "f036e73548a041382a33ad55c61d51eab20a7140ca4bdefc3733f790ca80280c",
    "bytes": 4267,
    "author": null,
    "reviewer": null,
    "approval_status": "not_checked",
    "pull_request_url": null,
    "commit_sha": null,
    "commit_url": null
  },
  "deployment": {
    "provider": "Cloudflare Pages",
    "environment": "production",
    "status": "not_checked",
    "deployment_id": null,
    "deployment_url": null,
    "deployed_at": null
  },
  "verification": {
    "local_json": "PASS",
    "local_sha256": "COMPUTED",
    "public_http_status": null,
    "public_content_type": null,
    "public_sha256": null,
    "verified_by": null,
    "verified_at": null,
    "status": "local_only"
  },
  "related_issue_ids": [],
  "related_experiment_ids": [],
  "evidence": [
    {
      "type": "local_file_hash",
      "value": "f036e73548a041382a33ad55c61d51eab20a7140ca4bdefc3733f790ca80280c",
      "scope": "local",
      "status": "computed"
    }
  ],
  "status": "local_snapshot_only"
},
{
  "change_id": "CHG-010",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/evidence.json",
  "artifact_version": "1.0.0",
  "description": "Exemplarul local al fișierului 10/21 a fost identificat și validat sintactic la generarea acestui registru.",
  "recorded_at": "2026-10-13",
  "origin": "local_file_inspection",
  "before": {
    "version": null,
    "sha256": null,
    "verified": false
  },
  "change": {
    "action": "register_local_snapshot",
    "file_sha256": "c2cdb3b762bba169adfed1a0f324992536412a7b4f628f7450184027ef9084e5",
    "bytes": 22659,
    "author": null,
    "reviewer": null,
    "approval_status": "not_checked",
    "pull_request_url": null,
    "commit_sha": null,
    "commit_url": null
  }
}

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},
"deployment": {
  "provider": "Cloudflare Pages",
  "environment": "production",
  "status": "not_checked",
  "deployment_id": null,
  "deployment_url": null,
  "deployed_at": null
},
"verification": {
  "local_json": "PASS",
  "local_sha256": "COMPUTED",
  "public_http_status": null,
  "public_content_type": null,
  "public_sha256": null,
  "verified_by": null,
  "verified_at": null,
  "status": "local_only"
},
"related_issue_ids": [],
"related_experiment_ids": [],
"evidence": [
  {
    "type": "local_file_hash",
    "value": "7927ee82985e4090fed00f9a00117186fc356f57754d9c70da2a170cleef76b1",
    "scope": "local",
    "status": "computed"
  }
],
"status": "local_snapshot_only"
},
{
  "change_id": "CHG-011",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/glossary.json",
  "artifact_version": "1.0.0",
  "description": "Exemplarul local al fișierului 11/21 a fost identificat și validat sintactic la generarea acestui registru.",
  "recorded_at": "2026-10-13",
  "origin": "local_file_inspection",
  "before": {
    "version": null,
    "sha256": null,
    "verified": false
  },
  "change": {
    "action": "register_local_snapshot",
    "file_sha256": "5321d68dc9ee8401ffc8f320a651610f90931379de76e59d2982fd57d2b65bdf",
    "bytes": 25293,
    "author": null,
    "reviewer": null,
    "approval_status": "not_checked",
    "pull_request_url": null,
    "commit_sha": null,
    "commit_url": null
  },
  "deployment": {
    "provider": "Cloudflare Pages",
    "environment": "production",
    "status": "not_checked",
    "deployment_id": null,
    "deployment_url": null,
    "deployed_at": null
  },
  "verification": {
    "local_json": "PASS",
    "local_sha256": "COMPUTED",
    "public_http_status": null,
    "public_content_type": null,
    "public_sha256": null,
    "verified_by": null,
    "verified_at": null,
    "status": "local_only"
  },
  "related_issue_ids": [],
  "related_experiment_ids": [],
  "evidence": [
    {
      "type": "local_file_hash",
      "value": "d1a74a5088906dd6eae296f2075f85e4025d06c639d354756ec6c086d8970351",
      "scope": "local",
      "status": "computed"
    }
  ],
  "status": "local_snapshot_only"
},

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{
  "change_id": "CHG-012",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/knowledge-graph.json",
  "artifact_version": "1.0.0",
  "description": "Exemplarul local al fișierului 12/21 a fost identificat și validat sintactic la generarea acestui registru.",
  "recorded_at": "2026-10-13",
  "origin": "local_file_inspection",
  "before": {
    "version": null,
    "sha256": null,
    "verified": false
  },
  "change": {
    "action": "register_local_snapshot",
    "file_sha256": "4e23e115138046db7c533e63f26e205b4b4a2294c732679c71b450bf3c27a227",
    "bytes": 10295,
    "author": null,
    "reviewer": null,
    "approval_status": "not_checked",
    "pull_request_url": null,
    "commit_sha": null,
    "commit_url": null
  },
  "deployment": {
    "provider": "Cloudflare Pages",
    "environment": "production",
    "status": "not_checked",
    "deployment_id": null,
    "deployment_url": null,
    "deployed_at": null
  },
  "verification": {
    "local_json": "PASS",
    "local_sha256": "COMPUTED",
    "public_http_status": null,
    "public_content_type": null,
    "public_sha256": null,
    "verified_by": null,
    "verified_at": null,
    "status": "local_only"
  },
  "related_issue_ids": [],
  "related_experiment_ids": [],
  "evidence": [
    {
      "type": "local_file_hash",
      "value": "c751181dfb68a328a5d6714441cc0ad7932f5f397ce4386105dd342cc3145962",
      "scope": "local",
      "status": "computed"
    }
  ],
  "status": "local_snapshot_only"
},
{
  "change_id": "CHG-013",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/consistency-manifest.json",
  "artifact_version": "1.1.0",
  "description": "Exemplarul local al fișierului 13/21 a fost identificat și validat sintactic la generarea acestui registru.",
  "recorded_at": "2026-10-13",
  "origin": "local_file_inspection",
  "before": {
    "version": null,
    "sha256": null,
    "verified": false
  },
  "change": {
    "action": "register_local_snapshot",
    "file_sha256": "7d7923b714c6b06786967f187c2675b133302cf9e6afdbaf211bde00136e93ec",
    "bytes": 10589,
    "author": null,
    "reviewer": null,
    "approval_status": "not_checked",
    "pull_request_url": null,
    "commit_sha": null,
    "commit_url": null
  },
  "deployment": {
    "provider": "Cloudflare Pages",
    "environment": "production",
    "status": "not_checked",
    "deployment_id": null,
    "deployment_url": null,

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    "deployed_at": null
  },
  "verification": {
    "local_json": "PASS",
    "local_sha256": "COMPUTED",
    "public_http_status": null,
    "public_content_type": null,
    "public_sha256": null,
    "verified_by": null,
    "verified_at": null,
    "status": "local_only"
  },
  "related_issue_ids": [],
  "related_experiment_ids": [],
  "evidence": [
    {
      "type": "local_file_hash",
      "value": "d55e91d14b24c7d3dd74a6a15d5fd22e66642651e09847f2d1ee0b5c6a8173ec",
      "scope": "local",
      "status": "computed"
    }
  ],
  "status": "local_snapshot_only"
},
{
  "change_id": "CHG-014",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/external-corroboration.json",
  "artifact_version": "1.0.0",
  "description": "Exemplarul local al fișierului 14/21 a fost identificat și validat sintactic la generarea acestui registru.",
  "recorded_at": "2026-10-13",
  "origin": "local_file_inspection",
  "before": {
    "version": null,
    "sha256": null,
    "verified": false
  },
  "change": {
    "action": "register_local_snapshot",
    "file_sha256": "d81a529603ab26014541da8612c777372a65c837db0833e6fb4470c871ff22d4",
    "bytes": 16107,
    "author": null,
    "reviewer": null,
    "approval_status": "not_checked",
    "pull_request_url": null,
    "commit_sha": null,
    "commit_url": null
  },
  "deployment": {
    "provider": "Cloudflare Pages",
    "environment": "production",
    "status": "not_checked",
    "deployment_id": null,
    "deployment_url": null,
    "deployed_at": null
  },
  "verification": {
    "local_json": "PASS",
    "local_sha256": "COMPUTED",
    "public_http_status": null,
    "public_content_type": null,
    "public_sha256": null,
    "verified_by": null,
    "verified_at": null,
    "status": "local_only"
  },
  "related_issue_ids": [],
  "related_experiment_ids": [],
  "evidence": [
    {
      "type": "local_file_hash",
      "value": "d81a529603ab26014541da8612c777372a65c837db0833e6fb4470c871ff22d4",
      "scope": "local",
      "status": "computed"
    }
  ],
  "status": "local_snapshot_only"
},
{
  "change_id": "CHG-015",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/reference-set.json",
  "artifact_version": "1.0.0",
  "description": "Exemplarul local al fișierului 15/21 a fost identificat și validat sintactic la generarea acestui registru.",

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```

"recorded_at": "2026-10-13",
"origin": "local_file_inspection",
"before": {
  "version": null,
  "sha256": null,
  "verified": false
},
"change": {
  "action": "register_local_snapshot",
  "file_sha256": "098080634dfe86eb6b176bdc3c5d9b7e3d5270250bf17487884ebc009ac7e408",
  "bytes": 61102,
  "author": null,
  "reviewer": null,
  "approval_status": "not_checked",
  "pull_request_url": null,
  "commit_sha": null,
  "commit_url": null
},
"deployment": {
  "provider": "Cloudflare Pages",
  "environment": "production",
  "status": "not_checked",
  "deployment_id": null,
  "deployment_url": null,
  "deployed_at": null
},
"verification": {
  "local_json": "PASS",
  "local_sha256": "COMPUTED",
  "public_http_status": null,
  "public_content_type": null,
  "public_sha256": null,
  "verified_by": null,
  "verified_at": null,
  "status": "local_only"
},
"related_issue_ids": [],
"related_experiment_ids": [],
"evidence": [
  {
    "type": "local_file_hash",
    "value": "7d57c2a90f3d3f2bea700c91e462910c85c64bed1895178f4c8b0521cfddbdc8",
    "scope": "local",
    "status": "computed"
  }
],
"status": "local_snapshot_only"
},
{
  "change_id": "CHG-016",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/observations.json",
  "artifact_version": "1.0.0",
  "description": "Exemplarul local al fișierului 16/21 a fost identificat și validat sintactic la generarea acestui registru.",
  "recorded_at": "2026-10-13",
  "origin": "local_file_inspection",
  "before": {
    "version": null,
    "sha256": null,
    "verified": false
  },
  "change": {
    "action": "register_local_snapshot",
    "file_sha256": "27cb220d1c6c51a4f9615b9ed5628c91920ef808f90292234623e170d8015a0e",
    "bytes": 24381,
    "author": null,
    "reviewer": null,
    "approval_status": "not_checked",
    "pull_request_url": null,
    "commit_sha": null,
    "commit_url": null
  },
  "deployment": {
    "provider": "Cloudflare Pages",
    "environment": "production",
    "status": "not_checked",
    "deployment_id": null,
    "deployment_url": null,
    "deployed_at": null
  },
  "verification": {
    "local_json": "PASS",
    "local_sha256": "COMPUTED",
    "public_http_status": null,
    "public_content_type": null,

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    "public_sha256": null,
    "verified_by": null,
    "verified_at": null,
    "status": "local_only"
  },
  "related_issue_ids": [],
  "related_experiment_ids": [],
  "evidence": [
    {
      "type": "local_file_hash",
      "value": "1b8d8e06938a8d033d570256524dc98ad97bffc91d450c9129663fe90c31dae0",
      "scope": "local",
      "status": "computed"
    }
  ],
  "status": "local_snapshot_only"
},
{
  "change_id": "CHG-017",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/experiments.json",
  "artifact_version": "1.0.0",
  "description": "Exemplarul local al fișierului 17/21 a fost identificat și validat sintactic la generarea acestui registru.",
  "recorded_at": "2026-10-13",
  "origin": "local_file_inspection",
  "before": {
    "version": null,
    "sha256": null,
    "verified": false
  },
  "change": {
    "action": "register_local_snapshot",
    "file_sha256": "286016b94e27ce439d9dbab0b3fffc1ea406368ecbf046e59e5b7d7d3a1f69ff4",
    "bytes": 21323,
    "author": null,
    "reviewer": null,
    "approval_status": "not_checked",
    "pull_request_url": null,
    "commit_sha": null,
    "commit_url": null
  },
  "deployment": {
    "provider": "Cloudflare Pages",
    "environment": "production",
    "status": "not_checked",
    "deployment_id": null,
    "deployment_url": null,
    "deployed_at": null
  },
  "verification": {
    "local_json": "PASS",
    "local_sha256": "COMPUTED",
    "public_http_status": null,
    "public_content_type": null,
    "public_sha256": null,
    "verified_by": null,
    "verified_at": null,
    "status": "local_only"
  },
  "related_issue_ids": [],
  "related_experiment_ids": [],
  "evidence": [
    {
      "type": "local_file_hash",
      "value": "286016b94e27ce439d9dbab0b3fffc1ea406368ecbf046e59e5b7d7d3a1f69ff4",
      "scope": "local",
      "status": "computed"
    }
  ],
  "status": "local_snapshot_only"
},
{
  "change_id": "CHG-018",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/scorecard.json",
  "artifact_version": "1.0.0",
  "description": "Exemplarul local al fișierului 18/21 a fost identificat și validat sintactic la generarea acestui registru.",
  "recorded_at": "2026-10-13",
  "origin": "local_file_inspection",
  "before": {
    "version": null,
    "sha256": null,
    "verified": false
  },

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"change": {
  "action": "register_local_snapshot",
  "file_sha256": "b232905f94c088e817c594ddf4ffa70e0d2d59ecca3f91573c29d8897ff86471",
  "bytes": 13683,
  "author": null,
  "reviewer": null,
  "approval_status": "not_checked",
  "pull_request_url": null,
  "commit_sha": null,
  "commit_url": null
},
"deployment": {
  "provider": "Cloudflare Pages",
  "environment": "production",
  "status": "not_checked",
  "deployment_id": null,
  "deployment_url": null,
  "deployed_at": null
},
"verification": {
  "local_json": "PASS",
  "local_sha256": "COMPUTED",
  "public_http_status": null,
  "public_content_type": null,
  "public_sha256": null,
  "verified_by": null,
  "verified_at": null,
  "status": "local_only"
},
"related_issue_ids": [],
"related_experiment_ids": [],
"evidence": [
  {
    "type": "local_file_hash",
    "value": "f7d15433439f5597898b88c681871fd246c4bbc497c03f440cc5d491e1da45a1",
    "scope": "local",
    "status": "computed"
  }
],
"status": "local_snapshot_only"
},
{
  "change_id": "CHG-019",
  "change_type": "local_artifact_generated",
  "artifact_path": "geo/corrections.json",
  "artifact_version": "1.0.0",
  "description": "Exemplarul local al fișierului 19/21 a fost identificat și validat sintactic la generarea  
acestui registru.",
  "recorded_at": "2026-10-13",
  "origin": "local_file_inspection",
  "before": {
    "version": null,
    "sha256": null,
    "verified": false
  },
  "change": {
    "action": "register_local_snapshot",
    "file_sha256": "bdbfefb2b4032f2e9847f68602770cc58d0fc4b1a09b5e0487a7ef1c28935aaa",
    "bytes": 15298,
    "author": null,
    "reviewer": null,
    "approval_status": "not_checked",
    "pull_request_url": null,
    "commit_sha": null,
    "commit_url": null
  },
  "deployment": {
    "provider": "Cloudflare Pages",
    "environment": "production",
    "status": "not_checked",
    "deployment_id": null,
    "deployment_url": null,
    "deployed_at": null
  },
  "verification": {
    "local_json": "PASS",
    "local_sha256": "COMPUTED",
    "public_http_status": null,
    "public_content_type": null,
    "public_sha256": null,
    "verified_by": null,
    "verified_at": null,
    "status": "local_only"
  },
  "related_issue_ids": [],
  "related_experiment_ids": [],

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    "evidence": [
      {
        "type": "local_file_hash",
        "value": "44b69b075c4c8e8c87b67fd46a465a499114129997d88712cad4da3988e28ee3",
        "scope": "local",
        "status": "computed"
      }
    ],
    "status": "local_snapshot_only"
  }
],
"releases": [
  {
    "release_id": "REL-GEO-20261013-DRAFT-001",
    "title": "Inventar local GEO FirmsFinder",
    "version": "1.0.0-draft",
    "created_at": "2026-10-13",
    "status": "draft_not_deployed",
    "scope": "Inventar de artefacte disponibile în sesiunea curentă; nu atestă publicarea pe firmsfinder.eu",
    "included_change_ids": [
      "CHG-005",
      "CHG-006",
      "CHG-007",
      "CHG-008",
      "CHG-009",
      "CHG-010",
      "CHG-011",
      "CHG-012",
      "CHG-013",
      "CHG-014",
      "CHG-015",
      "CHG-016",
      "CHG-017",
      "CHG-018",
      "CHG-019"
    ],
    "commit_sha": null,
    "commit_url": null,
    "approved_by": null,
    "approved_at": null,
    "cloudflare_deployment_id": null,
    "cloudflare_deployment_url": null,
    "production_verified_at": null,
    "release_verdict": "NOT_DEPLOYMENT_VERIFIED"
  }
],
"production_verification_protocol": {
  "steps": [
    "Deschide fisierul la URL-ul public exact",
    "Verifica HTTP 200 si Content-Type application/json (sau tip JSON compatibil)",
    "Parseaza JSON-ul public",
    "Calculeaza SHA-256 al octetilor publici si compara cu versiunea aprobata",
    "Confirma commitul in GitHub si deploymentul aferent in Cloudflare Pages",
    "Ruleaza verificari de referinte, semantica si regresie",
    "Adauga URL-uri si hashuri reale de dovezi, data si evaluatorul",
    "Marcheaza production_verified doar dupa toate controalele necesare"
  ],
  "minimum_acceptance": {
    "http_status": 200,
    "json_parse": true,
    "hash_matches_approved": true,
    "deployment_evidence_required": true,
    "regression_checks_required": true
  }
},
"integrity_policy": {
  "hash_algorithm": "SHA-256",
  "hash_input": "raw file bytes",
  "local_hashes_are_not_public_hashes": true,
  "self_hash_in_this_file": null,
  "self_hash_note": "Nu includem SHA-256 al propriului fisier in interiorul sau; hashul se comunica separat pentru a evita dependenta circulara.",
  "change_history_immutable_policy": "Nu suprascrie intrari confirmate; adauga evenimente noi, inclusiv rollback."
},
"publication_policy": {
  "public_safe_fields": [
    "change_id",
    "artifact_path",
    "artifact_version",
    "description",
    "recorded_at",
    "commit_sha",
    "deployment.status",
    "verification.status"
  ],
  "review_before_publication": [

```

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    "author",
    "reviewer",
    "evidence URLs",
    "issue links"
  ],
  "never_publish": [
    "access tokens",
    "secrets",
    "personal data without legal basis",
    "private internal deployment logs"
  ]
},
"acceptance_rules": [
  {
    "id": "ACC-01",
    "rule": "Identificatori change_id unici",
    "severity": "error"
  },
  {
    "id": "ACC-02",
    "rule": "Fiecare hash local provine din octetii fisierului real",
    "severity": "error"
  },
  {
    "id": "ACC-03",
    "rule": "Niciun status deployed fara dovezi Cloudflare",
    "severity": "error"
  },
  {
    "id": "ACC-04",
    "rule": "Niciun status production_verified fara probe HTTP/JSON/hash si evaluator",
    "severity": "error"
  },
  {
    "id": "ACC-05",
    "rule": "Nicio modificare semantica CAEN/ERE fara descriere si teste de regresie",
    "severity": "error"
  },
  {
    "id": "ACC-06",
    "rule": "Referintele la issue si experiment trebuie sa existe cand sunt introduse",
    "severity": "error"
  },
  {
    "id": "ACC-07",
    "rule": "Nu se publica date sensibile sau secrete",
    "severity": "critical"
  }
],
"verification": {
  "local_json_syntax": "PASS",
  "local_artifacts_checked": 15,
  "local_artifacts_not_available": 4,
  "future_artifacts_planned": 2,
  "local_hashes_computed": 15,
  "github_history_read": false,
  "cloudflare_deployments_checked": false,
  "production_urls_checked": false,
  "external_independent_review": false,
  "runtime_change_tracking_implemented": false,
  "notes": "Verificare locala a JSON si SHA-256 pentru fisierele 05-19; fara acces verificat la istoric GitHub, deployment Cloudflare sau productie. Nu este monitorizare automata."
},
"summary": {
  "files_expected_in_series": 21,
  "files_present_locally": 15,
  "files_missing_locally": 4,
  "files_future_planned": 2,
  "local_snapshot_entries": 15,
  "actual_verified_github_commits": 0,
  "actual_verified_cloudflare_deployments": 0,
  "production_verified_releases": 0,
  "open_deployment_questions": true,
  "verdict": "LOCAL_INVENTORY_ONLY_NOT_LIVE_VERIFIED"
}
}

```