📂NarcoNations.org — Content Primitives & Examples (v1.0, Expanded)

🕐Core Idea

NarcoNations.org is powered by a flexible, modular content system. At its heart are two primary content forms:

- **JSON Nodes** → short-form structured data driving map markers, tooltips, and popups. These are lightweight, quick to load, and provide structured metadata.
- **Markdown Dossiers** → long-form narrative overlays containing detailed stories, ethics commentary, stats, and visuals.

Around these, we layer **Infographic JSON**, **time-series data**, and optional **media assets** like images, audio, and video. Together, they transform the site into a cinematic, data-driven atlas of crime. Every layer can be expanded, remixed, and extended with minimal friction, ensuring both scalability and immersion.

📂JSON Nodes (Short-Form Content)

JSON nodes serve as the fundamental unit of the interactive map. Each node is tied to a physical location (city, port, route, or region) and stores attributes such as coordinates, jurisdiction, status, tags, and a short narrative summary. They can also carry linked statistics, images, and references to dossiers.

What They Enable

- **Map Pins** → each node = a visual marker.
- **Popups** → summaries, key stats, and call-to-actions.
- **Overlay Links** → narrative slug opens a detailed dossier.
- **Clustering & Filtering** → nodes can be queried by tags, status, or category.

Example — City Node (Cannabis)

```
{
  "id": "manchester-uk",
  "name": "Manchester",
  "slug": "manchester",
  "category": "cannabis",
  "place_type": "city",
  "coords": { "lat": 53.4808, "lng": -2.2426 },
  "jurisdiction": "United Kingdom",
  "status": "illegal",
  "tags": ["cannabis","OCG","county-lines","grows"],
  "summary":
 "UK's cannabis pressure point: Albanian OCGs run industrial grow houses;
```

```
county lines push supply into the North & Midlands.",
  "narrative_slug": "manchester-cannabis-hub",
  "key_stats": ["Frequent grow raids","County lines northbound","Albanian
mid-tier control"],
  "seizure_series": [6,8,7,9,12,11,13,15],
  "hero_image": "/images/cities/manchester.jpg",
  "confidence": 0.8,
  "last_updated": "2025-09-01"
}
```

Nodes are small and modular — dozens can be loaded into the map at once, clustered dynamically, or filtered into thematic groups.

📝 Markdown Dossiers (Long-Form Content)

Markdown dossiers expand JSON nodes into rich, cinematic stories. They provide context, analysis, human impact, and ethical framing. Designed to render in overlay sheets, they balance narrative storytelling with scannable data.

Benefits

- **Easy authoring** → writers can focus on content without code.
- **Portable** → markdown is universally supported and exportable.
- **Structured but flexible** → can mix headings, quotes, tables, lists, and inline media.

Example — `/public/dossiers/manchester-cannabis-hub.md`

```
# Manchester — Cannabis Hub

Manchester has long been a flashpoint in the UK's cannabis trade. Industrial-
scale grow houses, often controlled by Albanian OCGs, fuel county lines
operations stretching into the North and Midlands.

## Key Dynamics
- **Industrial Grows**: hundreds of properties raided each year.
- **County Lines**: Manchester gangs extend into rural towns.
- **Violence & Debt**: turf disputes spill into street-level crime.

## Law Enforcement
Local raids frequently uncover sophisticated grows, yet the cycle repeats —
demonstrating the resilience of supply chains.

> *"The houses change, but the networks remain."* — GMP officer


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## Ethics
```

> This section reminds users of the human toll, linking to youth prevention charities.

Dossiers can be augmented with inline infographics, charts, or galleries, giving them both narrative and analytical weight.

📊 Infographics JSON (Data Visuals)

Infographics provide visual storytelling through structured JSON. They can be embedded in dossiers, rendered in overlay tabs, or highlighted in dedicated sections. Types include **TopN rankings**, **sparklines**, **flows**, **chord previews**, and **badge stats**.

Example — TopN Infographic

```json
{
  "id": "top5-import-corridors-eu",
  "title": "Top 5 Import Corridors (EU Cannabis)",
  "type": "topN",
  "unit": "tonnes/yr",
  "source": "NN Research",
  "items": [
    { "label": "Morocco → Spain", "value": 120, "tags": ["hash","sea"] },
    { "label": "Netherlands → Germany", "value": 60, "tags":
["indoor","land"] },
    { "label": "Spain → France", "value": 45, "tags": ["hash","road"] },
    { "label": "Albania → Italy", "value": 40, "tags": ["outdoor","sea"] },
    { "label": "Portugal → Spain", "value": 25, "tags": ["hash","land"] }
  ]
}
```

Example — Sparkline

```json
{
  "id": "manchester-seizures-2024",
  "title": "Cannabis Seizures — Manchester (2024)",
  "type": "sparkline",
  "unit": "raids/month",
  "series": [6,8,7,9,12,11,13,15]
}
```

Example — Flow Pair

```json
{
  "id": "cocaine-route-brazil-spain",
  "title": "Brazil → Spain Cocaine Route",
  "type": "flowPair",
```

```
    "source": "Brazil",
    "target": "Spain",
    "weight": 45,
    "unit": "tonnes",
    "tags": ["sea","container"]
}
```

Infographics provide modular, reusable insights that can be dropped into multiple contexts. They transform raw data into visual hooks that reinforce narrative.

🕐 Cool Things We Can Do

1. **Heatmaps** → aggregate seizures or OCG incidents with Supercluster.
2. **Animated Routes** → deck.gl Trips layer to replay convoys, subs, or planes.
3. **Great Circle Arcs** → pulsing arcs to visualize intercontinental smuggling.
4. **Badge Stats** → big, scannable numbers: "120 tonnes seized in 2024."
5. **Mini Galleries** → link JSON nodes to curated `/public/images/*` sets.
6. **Comparisons** → side-by-side infographics for rival flows or markets.
7. **Time Sliders** → scrub through history to see how routes evolve.
8. **Command Palette Search** → jump to nodes, drugs, or OCGs instantly.
9. **Linked Layers** → show when multiple nodes tie into the same route.
10. **Interactive Filters** → toggle between categories: drug vs non-drug.

🗜 Future Extensions

- **Audio Atmosphere**: dossiers linked to subtle ambient soundscapes (ports, jungle, city hum).
- **Video Snippets**: WEBM loops or MP4s providing cinematic chapter headers.
- **Interactive Quizzes**: JSON-driven quizzes that teach mechanics or crime facts.
- **Dynamic Expansion Packs**: bundled JSON+MD modules (e.g., *Blood Money* expansion).
- **Crowdsourced Contributions**: vetted community dossiers or infographics.
- **Live Data Hooks**: API-fed seizure data or news articles to keep maps current.

💋 Closing Thought

By combining **JSON for structure**, **Markdown for narrative**, and **Infographics for impact**, NarcoNations.org creates a living, extensible atlas. Each layer complements the others: JSON drives precision, Markdown drives story, and visuals drive engagement. The system is modular, ethical, and cinematic — perfectly aligned with the NarcoNations vision.