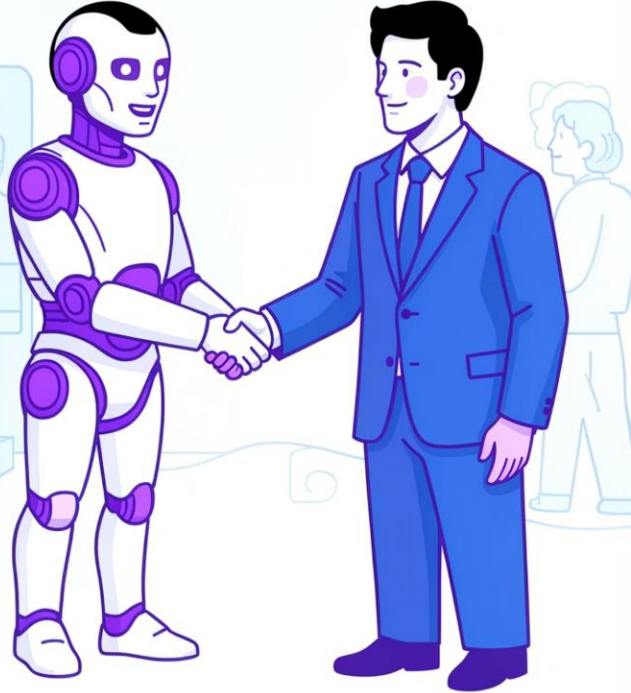




ICANN



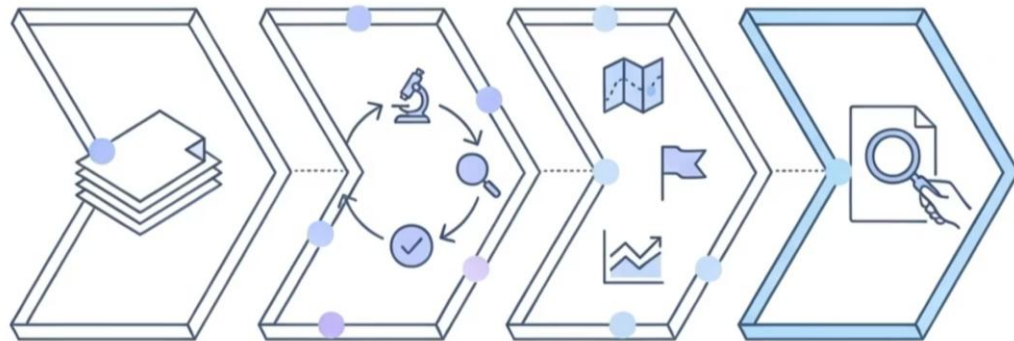
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Agentic AI Methods to Support Reasoning and Consensus in ICANN Policy Deliberations

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Structured Reasoning Support



**DOCUMENTS
IN**

**AGENTIC
LOOP**

decompose
retrieve
evaluate

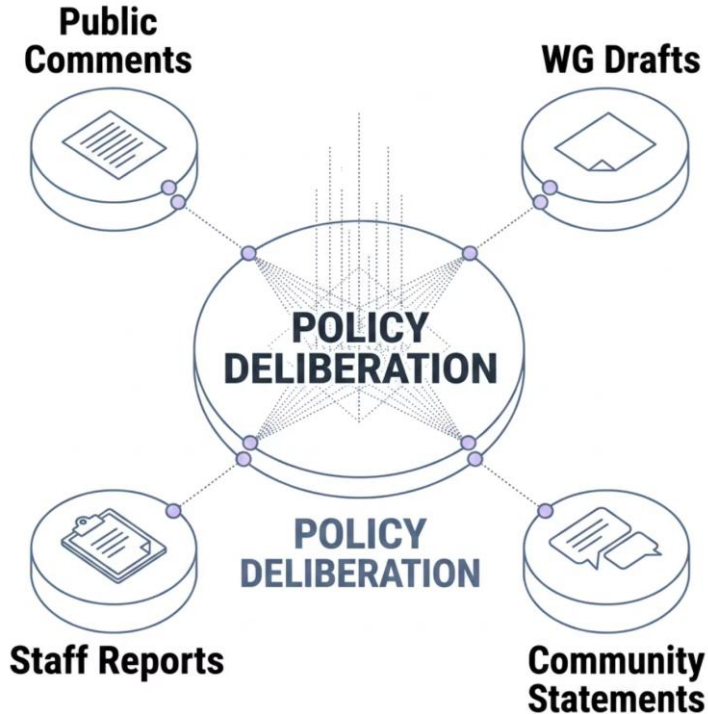
**STRUCTURED
OUTPUTS**

position map
gap flags
trade-off summary

**HUMAN
REVIEW AND
OVERSIGHT**

□ **Boundary:** AI supports, but does not decide. Human-in-the-loop required.

Document Overload Is a Real Policy Risk



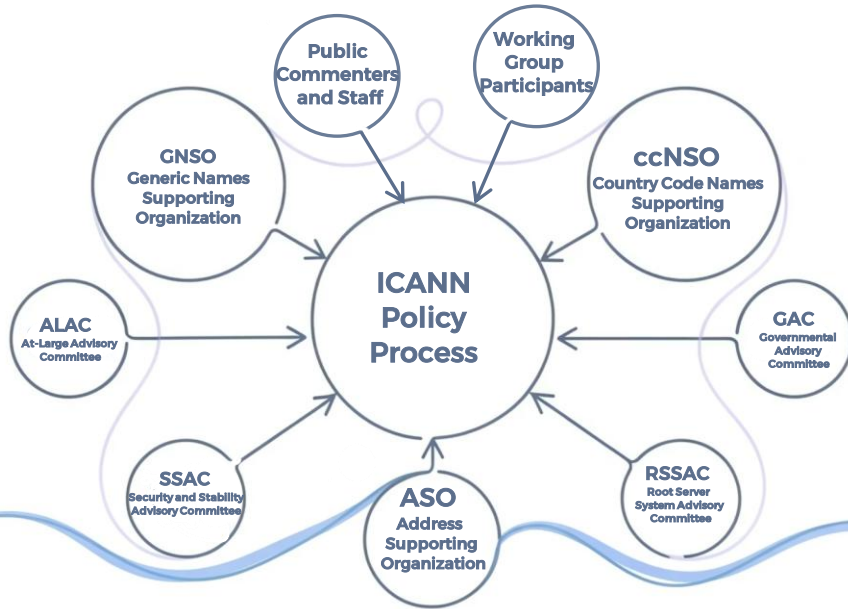
Pain Points

- Volume: comments, drafts, reports, statements
- Complexity: issues span SSR considerations, operational DNS impacts, policy constraints, and implementation feasibility
- Failure modes: missed concerns, ambiguous language, hidden assumptions, slow convergence

Opportunity

Structured reasoning support to accelerate shared understanding without replacing deliberation.

Who Participates in ICANN Policy Work?



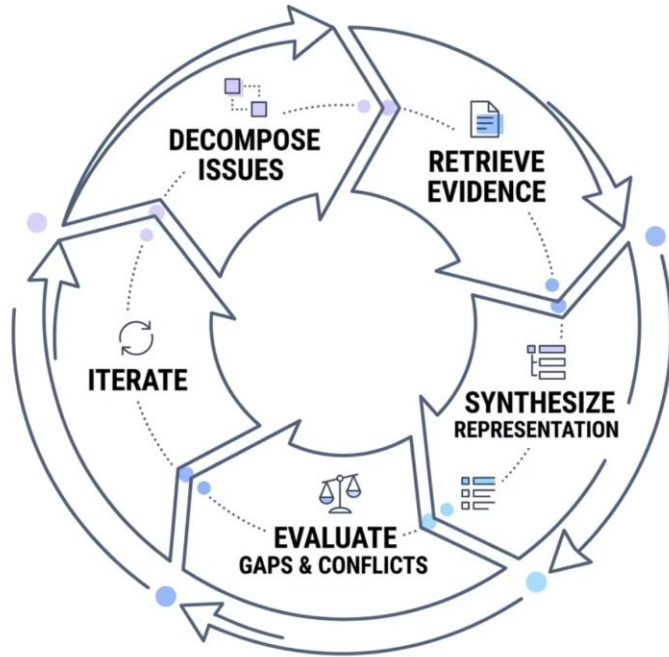
- Policy development is led by Supporting Organizations (SOs)
- Advisory Committees (ACs) provide input and advice across the same deliberations

Core Questions

- Who supports what and why?
- Where exactly does disagreement lie?
- What remains contradictory or undefined?

Agentic AI surfaces these answers with citations, not assumptions.

A Structured Reasoning Loop, Not a Chatbot



Core Requirements

- Outputs must be **source-linked**
- Outputs must be **contestable**
- Iteration is **explicit**, not hidden

📄 Every claim is traceable to its source enabling community review and challenge.

Synthesize Multi-Stakeholder Feedback

Stakeholder	Position	Key Argument
GAC	Conditional	Public interest safeguards required
SSAC	Caution	DNS stability risks undefined
GNSO	Support	Proportionate to risk

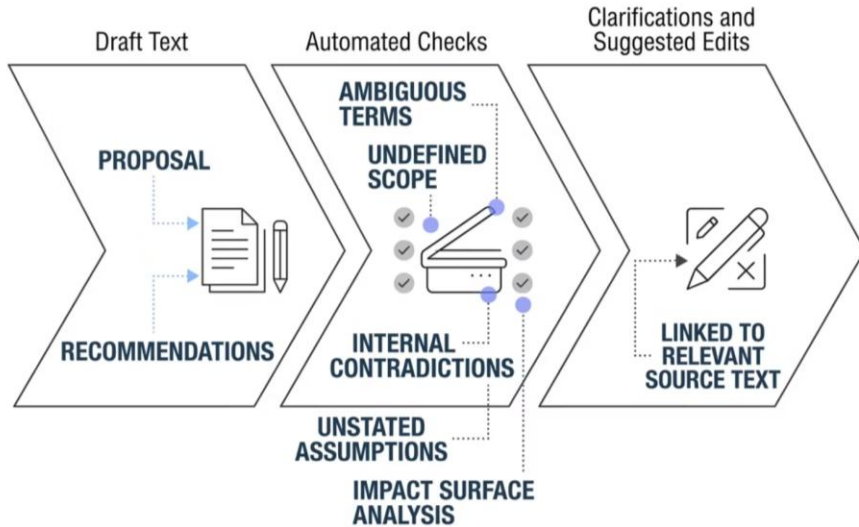
Input → Output

Public comments + statements + WG drafts → position matrix with citations

Value

- Faster alignment on agreed vs. disputed points
- Minority views preserved, not lost

Identify Gaps and Missing Technical Clarity



Checks Performed

- Ambiguous or undefined terms
- Internal contradictions
- Unstated assumptions: implementer, timeline, dependencies
- Impact surface: "if X, what breaks?"

Output: clarification questions + suggested edits, each linked to source text.

Solution Focus: A Realistic ICANN Pilot

WHERE TO PILOT (Low-Risk, High-Value)

One public comment proceeding or one Working Group draft cycle.

WORKFLOW (Community-Controlled)

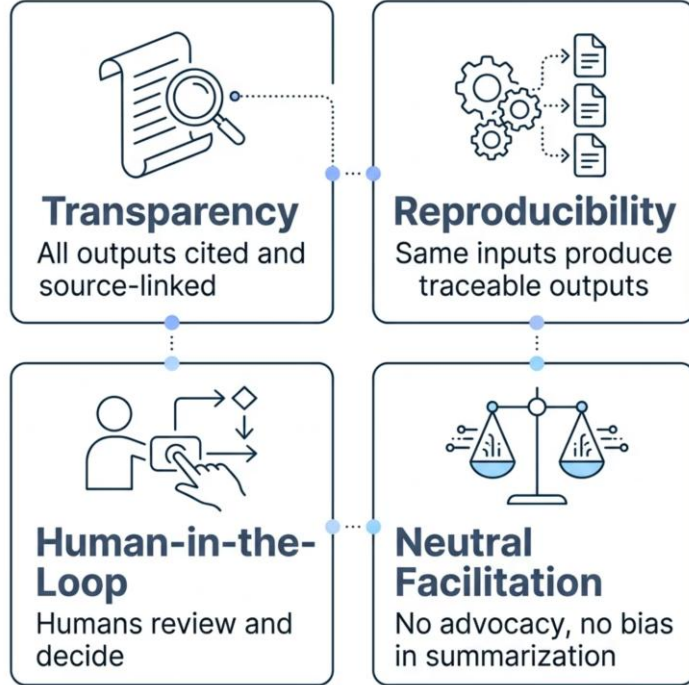
Input: public comments + statements + WG text (fixed corpus)

- Artifacts delivered:
 - Position matrix with citations
 - Open issues list
 - Ambiguity/contradiction flags
 - Trade-off summary
- Review: SO/AC participants validate, contest, and correct outputs
- Iteration: updated artifacts published with change log + source links

SUCCESS CRITERIA

- Reduced time to map positions
- Fewer unresolved ambiguities before consensus calls
- Traceable outputs

Guardrails Are Non-Negotiable

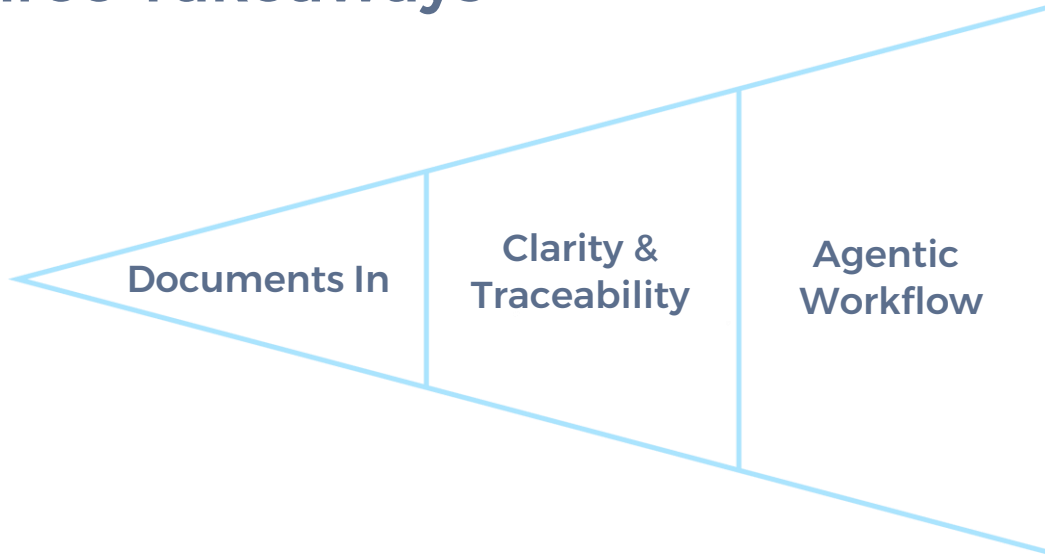


Risks to Actively Manage

- Hallucinations and false certainty
- Bias in summarization
- Over-reliance: "the AI said so"
- Privacy exposure in inputs

⚠️ Outputs must be **auditable and contestable** within the multistakeholder model.

Three Takeaways



Discussion

- Which ICANN process should be piloted?
- Which output format is most useful?

Documents in → Agentic workflow → Clarity and traceability → Better deliberation.

Scale + Complexity

ICANN policy faces volume and consensus challenges

Structured Artifacts

Position maps, gap detection, trade-off summaries

Governance First

Adoption requires guardrails and human oversight



Thank you
for attention!