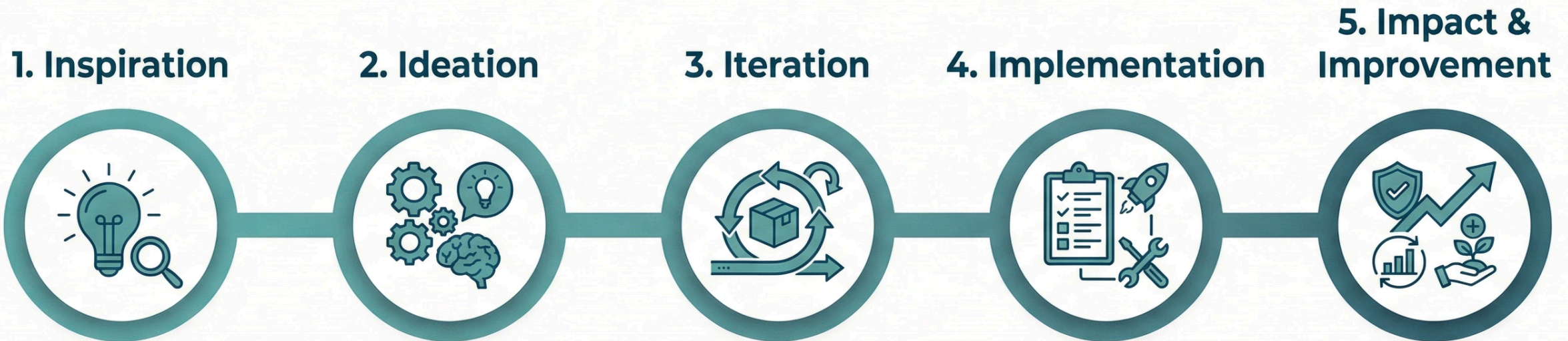


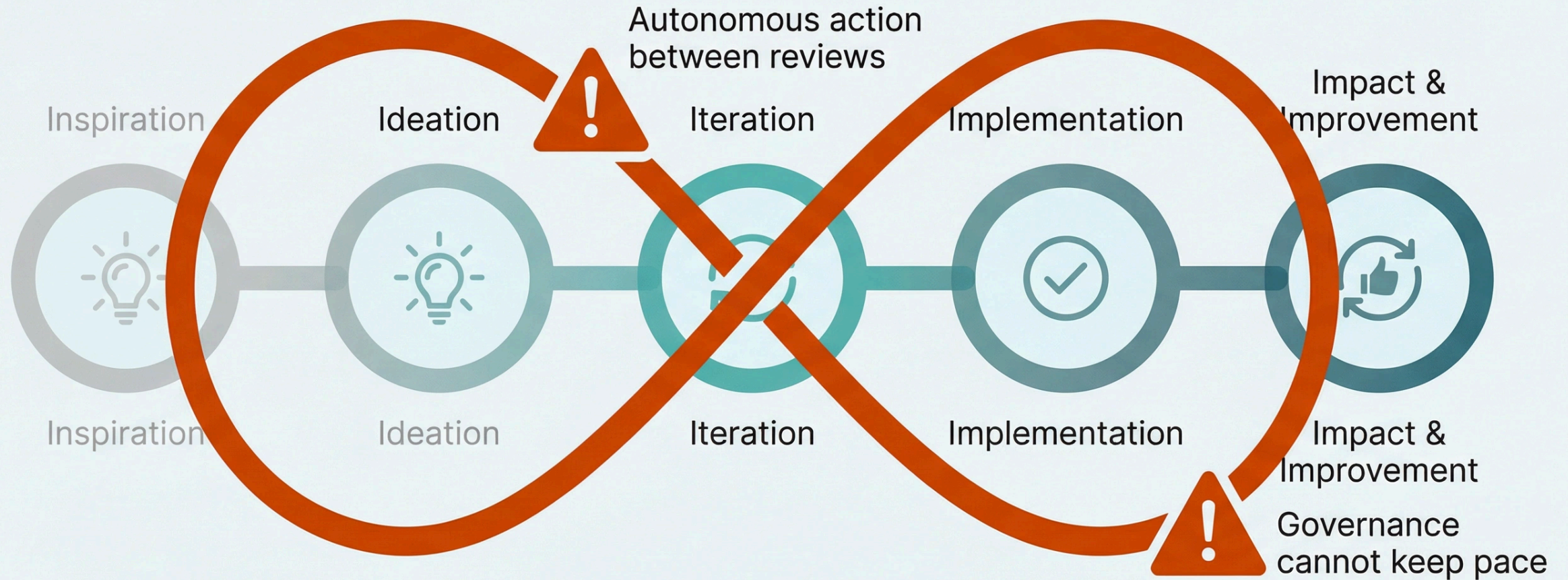
The 5 I's of Human-Led Innovation

The Human Design Thinking Operating Model (Pre-AI)



Optimized for episodic, human-paced decision-making

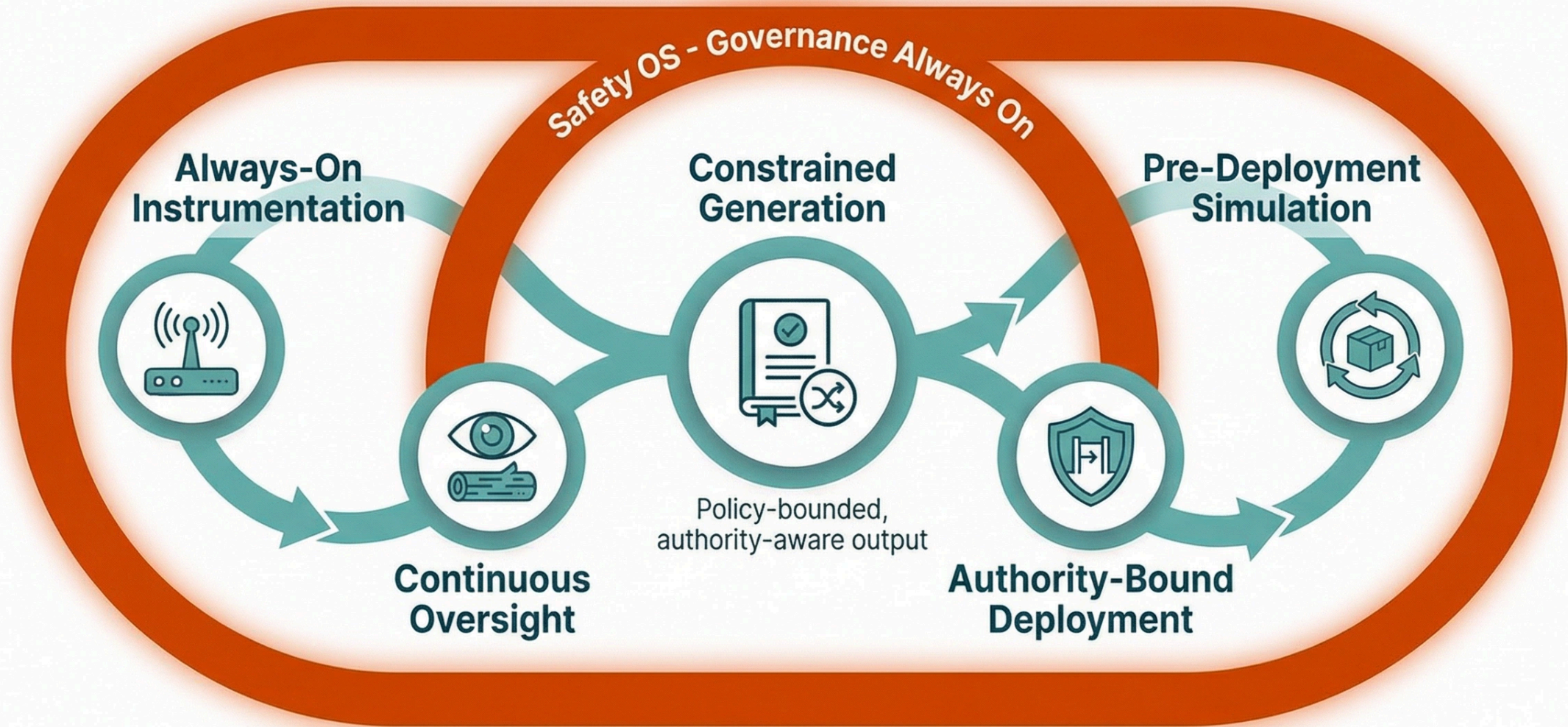
Why the 5 I's Break in AI-Mediated Systems



AI acts continuously between reviews, while governance remains episodic

From Design Thinking to Governed Execution

Replacing episodic review with continuous, machine-enforced governance



Safety OS – The Missing Layer

AI Agents



Voice



Mobile



Humanoid

Requests / Intent / Output



Constraints / Permissions / Escalation

Safety OS



Consent



Authority



Escalation



Audit

Human Authority

Patients • Caregivers • Clinicians • Regulators

Governance is executed in real time - not reviewed after the fact

From Innovation Theater to Responsible Execution

Old World

- Workshops
- Ethics statements
- Retrospective audits

AI Reality

- Continuous agents
- Unobserved autonomy
- Liability ambiguity

Safety OS World

- Enforced authority boundaries
- Reconstructable system behavior
- Regulator-legible systems

In AI-mediated systems, trust is enforced - not promised

How the 5 I's Evolve Under Safety OS

Design Thinking	AI-Era Equivalent
Inspiration	Continuous sensing
Ideation	Constrained generation
Iteration	Pre-deployment simulation
Implementation	Authority-bound deployment
Impact & Improvement	Always-on instrumentation

Visually connecting the old mental model to the new reality