AIAI-INV-014 | CHAPTER 14 | Method guides

Preserve, improve, connect—or invent.

How transformation, opportunity, decision and invention intelligence offer different responses to a demonstrated problem.

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Take away three things

1. Understand the current system before replacing it.

2. Separate evidence of need from a proposed response.

3. Test the mechanism and the wider effect.

Read the current system

Transformation Intelligence asks what is happening now, which parts work and where effort, delay or exclusion appears. A workaround may reveal a hidden requirement.

The response can preserve a useful practice, improve a step, connect existing tools or redesign the workflow. New invention is one possible route.

Investigate the opportunity

Opportunity AI asks who experiences the gap, what a response could change and which constraints affect adoption. Timing, access and incentives can determine whether a technically possible route is usable.

Decision Intelligence compares the feasible choices and retains the rationale and uncertainty behind the selected path.

Give invention a mechanism

Invention Intelligence proposes a mechanism for the gap. Cross-domain transfer can suggest a candidate, but the mapping and its failure points need to be examined.

A prototype tests a particular assumption. Technical usefulness, market demand, originality and patentability need different evidence; one result cannot settle them all.

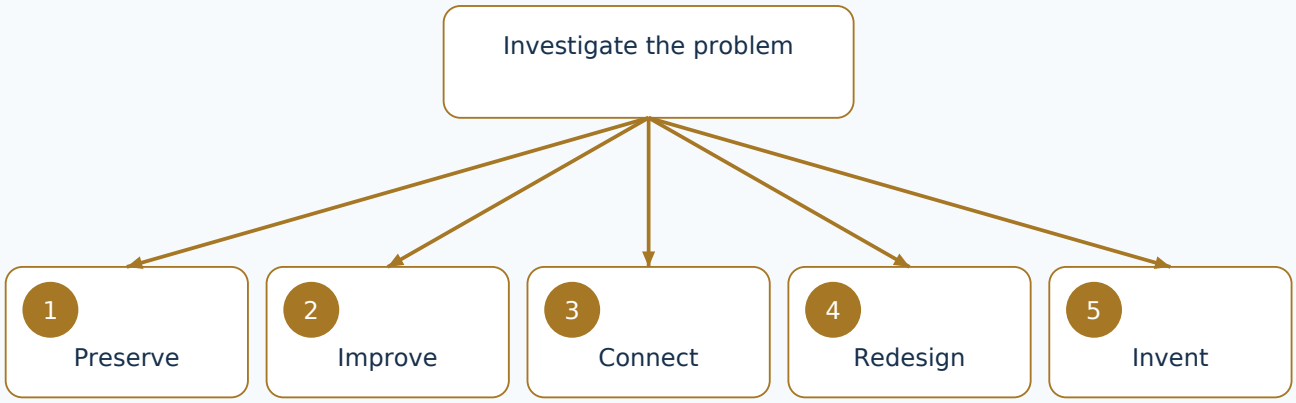
Check the whole effect

Define the intended gain and look for work or risk moved elsewhere. The next version should be informed by the observed outcome, including consequences that were not part of the original plan.

This connects creative exploration with ProvenResearch, LifeTree continuity and HumanGate authority.

Figure 14. The idea in one view

FIGURE 14 / Preserve, improve, connect—or invent



Compare feasible routes and test wider effects.

Concept illustration. Read the chapter for its scope and assumptions.

Conceptual explanation with illustrative inputs where shown. This figure is not an empirical result or a validation of a deployed system.

Basis and scope

Public synthesis of the AIAI.science canonical blueprint and the recovered transformation, opportunity and invention directions. Worked examples are illustrative, with no claim of a proven market, novel mechanism or patent outcome.

Read online and explore related work

Open this chapter online

The online edition includes interactive representations where useful. The chapter remains complete as a static explanation.