

# *From spatial data* to spatial knowledge.

An AI-powered planning compliance assistant for SAPPA — putting the Planning & Design Code in plain English, on every property in South Australia.

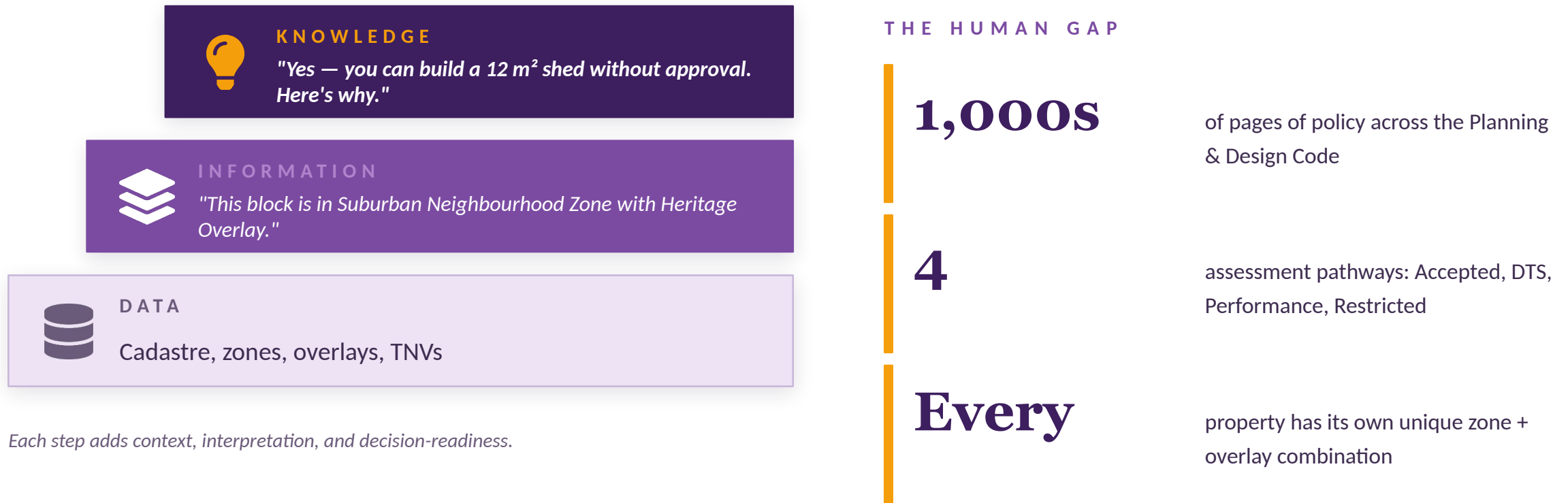
## A GEOSPATIAL KNOWLEDGE INFRASTRUCTURE EXEMPLAR

*Aligned to UN-GGIM IGIF and the GKI framework — moving SA from data infrastructure to demand-driven, knowledge-as-a-service.*

THE OPPORTUNITY

# Climbing the geospatial value chain.

GKI shifts the goal from publishing data to delivering knowledge. Today SAPPAs hand users the map; tomorrow it answers their question.



**Today:** users decode the Code themselves. **Tomorrow:** users ask a plain-English question — Claude answers, with citations.

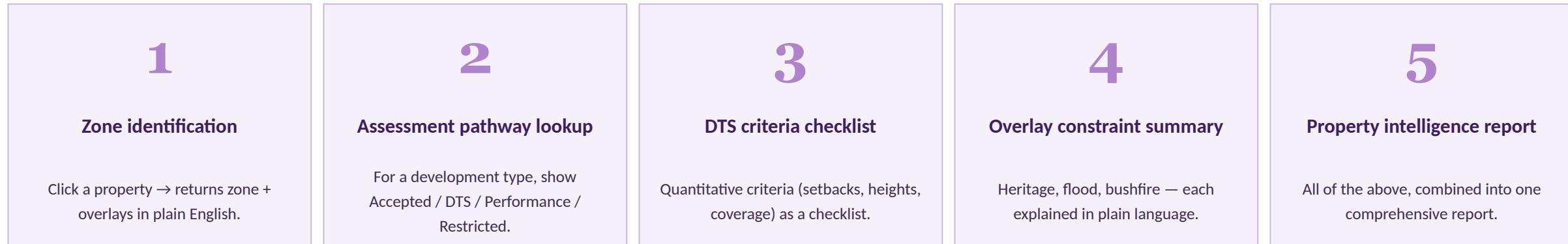
## THE SOLUTION

# Click the map. Ask a question. Get a Code-cited answer.

Two AI capabilities, fused inside SAPPA — spatial intelligence (where) and policy interpretation (what's allowed).



## FIVE INCREMENTAL DELIVERABLES — EACH WITH STANDALONE VALUE



THE ASK

# A small, contained step toward a state-leading capability.



**8–12**  
weeks

to MVP, phased delivery



**\$250–810**  
/ month

serverless, pay-per-use



**0**  
fixed cost

scales to zero when idle

**1**

## ENDORSE

the project concept and approach as set out in the brief.

**2**

## APPROVE

commencement of Phase 1 (spatial pipeline) and Phase 2 (Code chunking) — 3–5 weeks combined.

**3**

## AGREE

to a checkpoint review after Phase 2 to assess retrieval quality before proceeding.

STRATEGIC ALIGNMENT

UN-GGIM IGIF & GKI

PDI Act 2016

DHUD Digital Transformation

SAPPA / PlanSA

Replicable AI pattern