



المؤتمر العربي
الثاني للأراضي

Second Arab Land
Conference

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Fit-for-Future Land Administration: Sustainable Transformation

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IMPERATIVE TO CHANGE FOR THE LAND AUTHORITY OF TODAY

Megatrends



Urbanisation

Climate Change



Globalisation



User expectations



The Digital transformation

Simplicity,
transparency, ease of
transactions



Technology change

Demands on the Land Authority



New markets

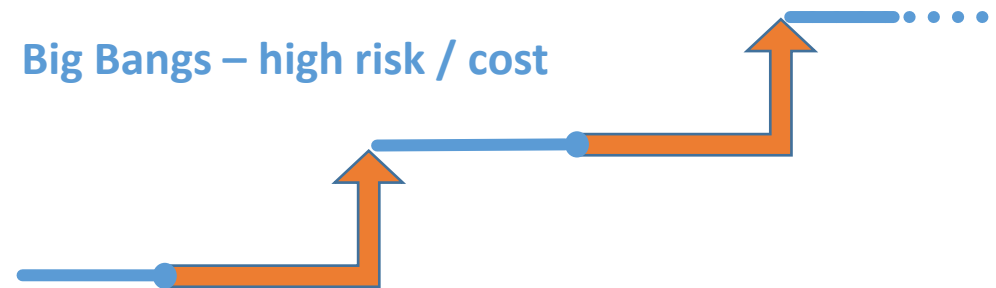
Inclusivity



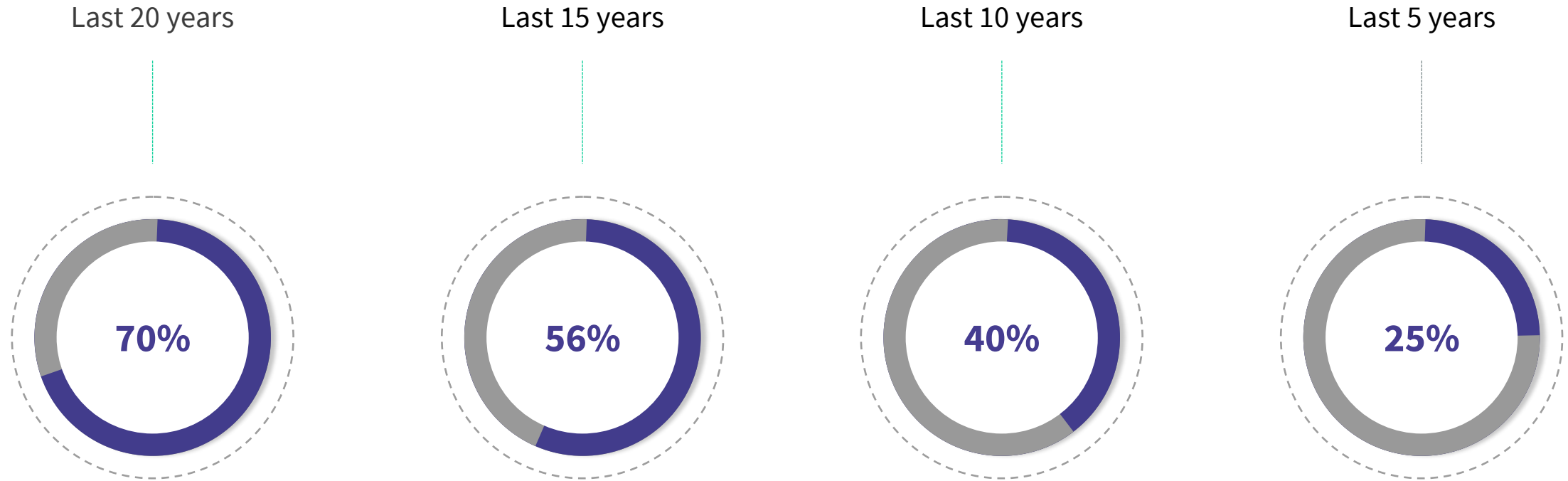
Agenda 2030

PROBLEMS WITH “BIG BANG” PLATFORM REFRESH

- Major events trigger major change
 - High risk of failure
 - Long delivery cycle with minimal benefit until the end
- Obsolete at point of delivery
- From one fixed state to another
 - Future change is constrained

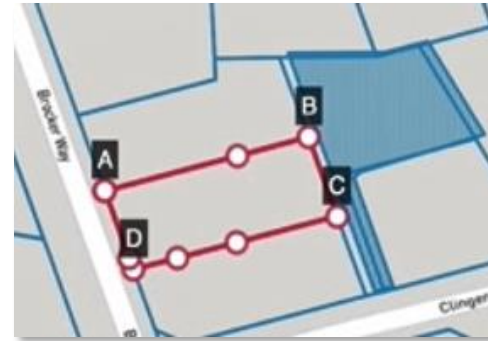
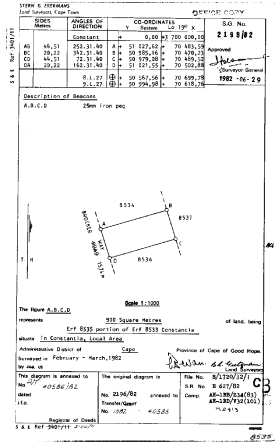


CASE STUDY: NUMBER OF TITLES ACTUALLY TRANSACTED



Source: HMLR Price Paid data, adjusted up to account for excluded entries; and ONS residential households data, adjusted down to account for unregistered titles.

MOVING TO “TRANSFORM AS NEEDED”



Mass transformation is undesirable: it delays delivery and constrains your ability to deliver change

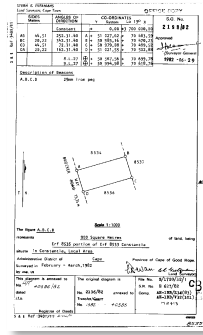
Mass transformation should not be necessary: Transform as needed – record by record

Mass transformation is wasted effort: Records will be transformed that will not transact for years

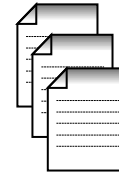
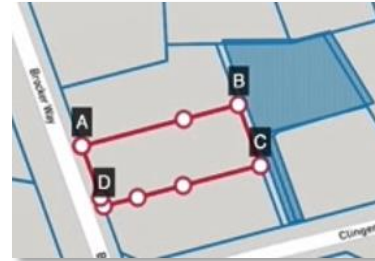
BUSINESS VALUE EARLY – SUPPORT FUTURE CHANGE



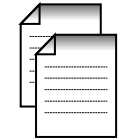
- Scan paper record
- Capture minimal data – e.g. an ID / address



- Survey and digitise geometry
- Codify and structure data
- For example: target LADM as a data model



- New requirements drive new data models
- 3D / BIM etc



Records using different data models co-exist and are accessible in the system

A “sliding window” of data schema versions

THANK YOU FOR YOUR ATTENTION!

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