

THE PROBLEM

The (major project) discipline of 'Lessons Learned' (LL) doesn't work. Here's why ...

A

LL capture, if it does occur, typically only takes place at the end of a project (or a major project stage) cf. in the contemporary, relevant moment.

B

LL retrieval, if it does occur, typically only takes place at the start of a project (or a major project stage) cf. in the contemporary, relevant moment.

C

The quality of any (manually) captured LL item suffers from all the vagaries and varieties of human thought. Quality-out is a direct derivative of quality-in. Quality-in variation is enormous.

D

Even when a project team member is motivated to access a LL repository at an apt moment, **retrieval is often problematic because of poor search interface/logic.**

E

Basic technology: Current technology enablement of this discipline involves structured data tables, basic knowledge taxonomies and crude search overlay.

OUR SOLUTION

The fusion of natural language processing (NLP) into a pre-existing knowledge and project management platform (methodgrid.com)



OUR INNOVATION

1

NLP based data ingestion (and context sourcing) from multiple data pools/sources (including UK major project data sources) as also facilitative of inter-organisation LL sharing.



2

Relevant moment detection and behavioural-nudging to agitate LL (knowledge) capture and ingestion at activity-relevant moments.



3

This ingestion to include multiple media forms (text, voice, video) for translation into common form.



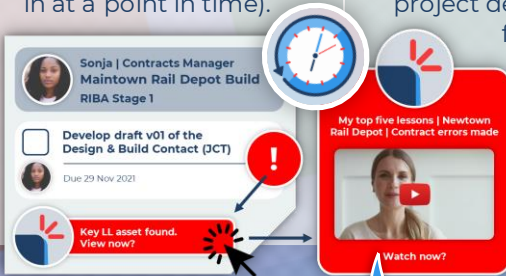
4

The use of natural language processing (NLP) to quality improve (with suggested improvement) the knowledge capture.



5

Relevant moment detection to agitate LL retrieval (as contingently triggered by the activity a project member is involved in at a point in time).



6

Harnessing NLP to configure the playback of LL in contextually relevant form - as tuned to user's role, experience and current project decision/activity focus.



7

Facilitation of an end-user feedback cycle to drive continuous improvement and training of the LL model.



8

End-user feedback to include evidenced, quantifiable measurement of process benefits (individual-project-organisation).



OUR FOUNDATIONS



Established AI-empowered knowledge and project management platform



Existing team capabilities: technical (NLP), product/ project management



Existing, engaged clients (UK AEC major project delivery) = access to data and expert practitioner input

THE RESULT

A

LL capture at point of contemporary relevance (= no memory fade).

B

LL retrieval at point of contemporary relevance (= pragmatic, maximal impact).

C

Enhanced quality of captured LL items (as rendered to the contextual circumstance of recipient).

D

Behavioral-nudging to prompt LL retrieval (and natural language query interface) = **empowered search.**

E

Integrated technology: AI-empowered knowledge and project management.

The theoretical benefits of LL management (project delivery efficacy) become real.

And measurably so!