

The following presentation was given at:

SCAF Workshop
“Investment Appraisal: What’s in it?”

Tuesday 17th November 2015
The BAWA Centre, Filton, Bristol

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Costing Future Complex & Novel Projects SCAF Workshop



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17 November 2015

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- Project funded by EPSRC
- Carried out with Dstl (Jefferis)
- Parallel work – co-ordinated
- Reviews by Prof. David Kirkpatrick
- 1 July 15 – 30 June 16
- Develop ‘public good’



Disclaimer:

- All views my own
- Do not represent those of other participants
- Do not represent those of third parties

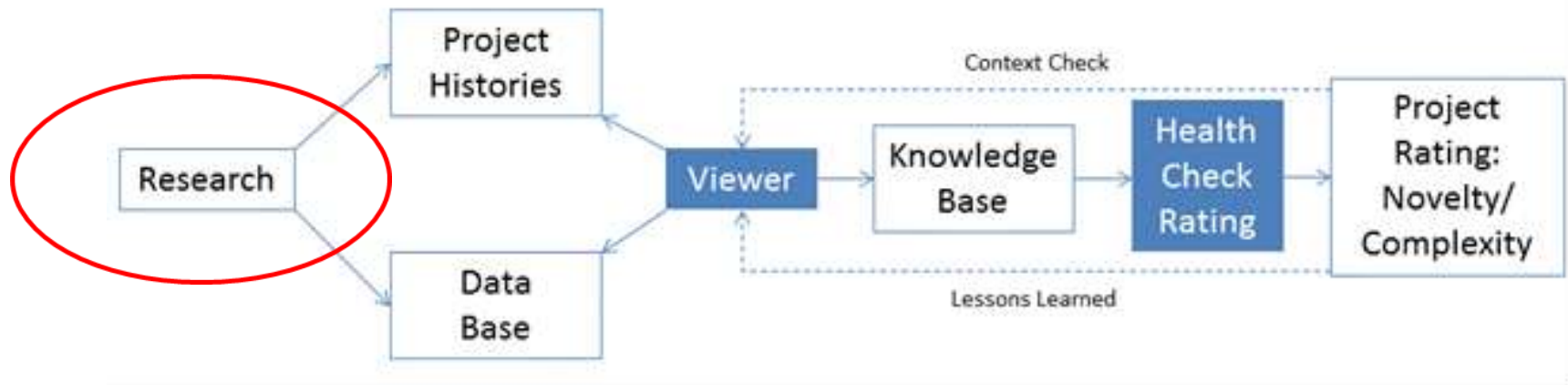
The problem:

The NAO Major Projects Report 2014 states that **“Project teams continue to be over-optimistic in their forecasts of both procurement and support costs”** and that **“Budgets set using over-optimistic forecast costs could result in overall budgets for procurement and support being significantly understated”**.

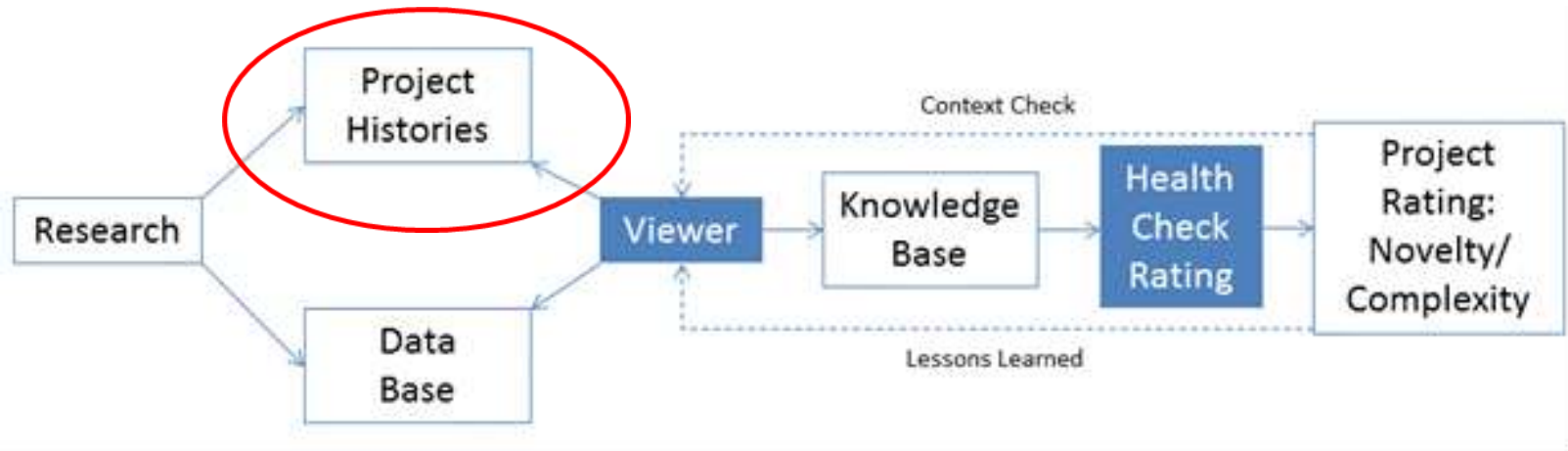
The project:

- Enhanced methods
- Understanding defence costs
- Database of historic defence costs
- Project histories & contextual information
- ‘Viewer’ tool
- Rating and ‘health check’ tool

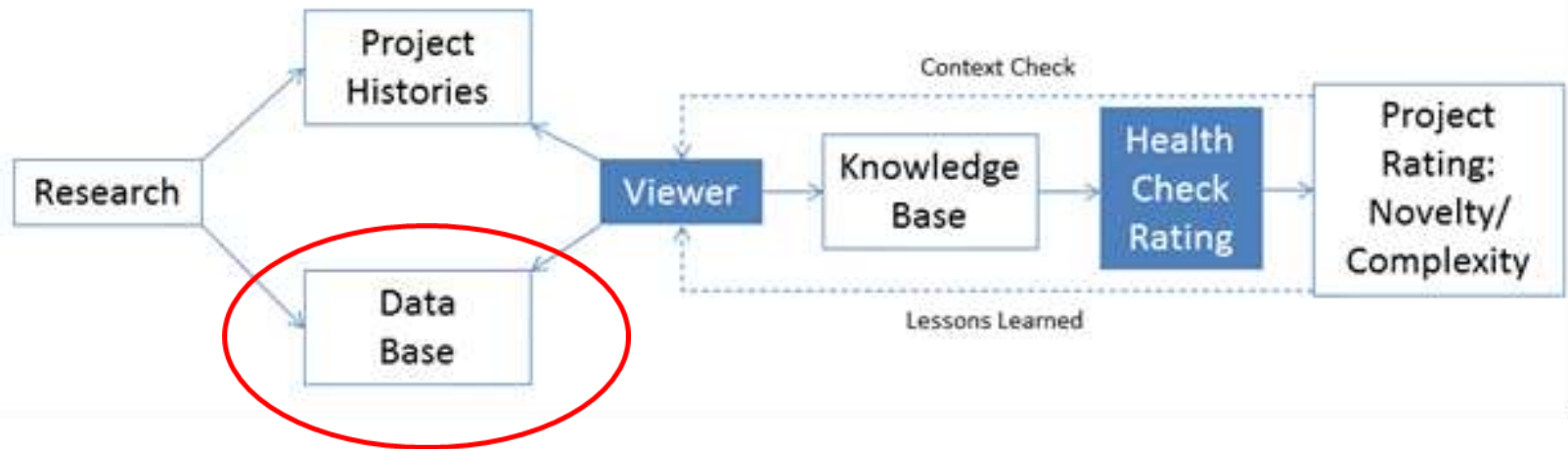
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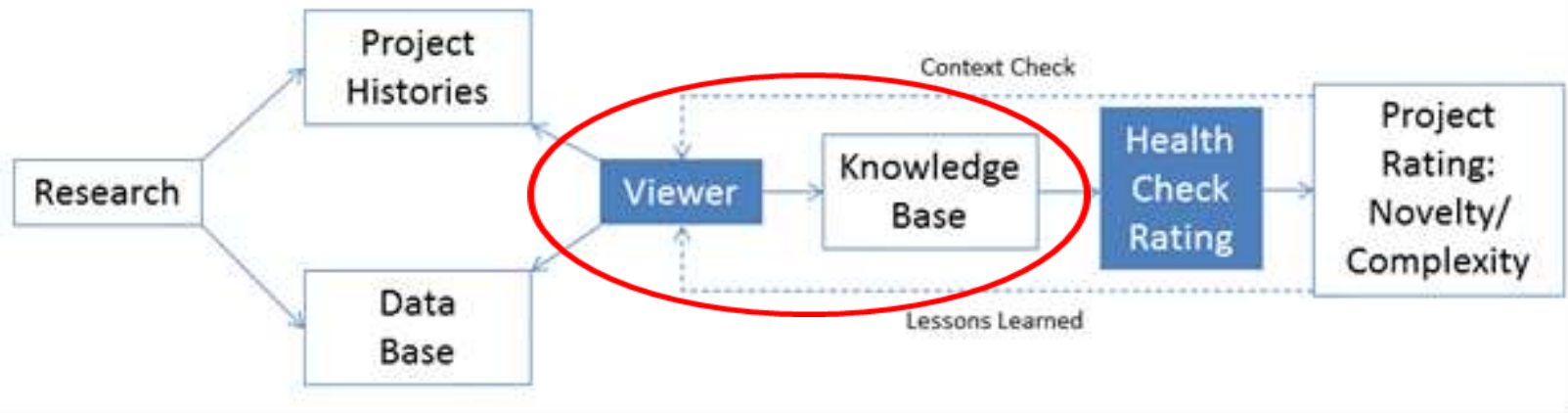
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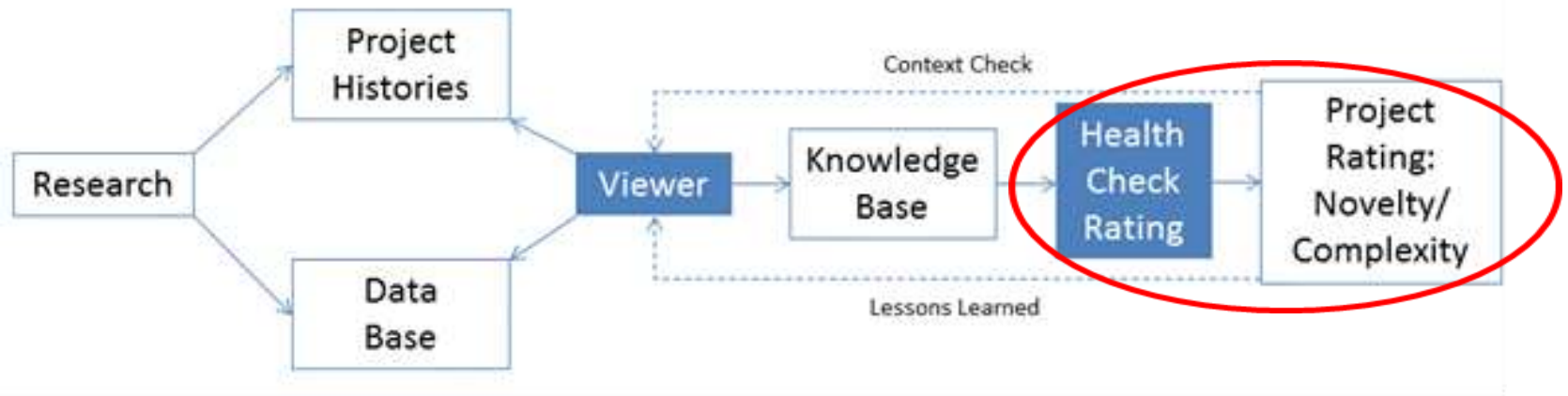
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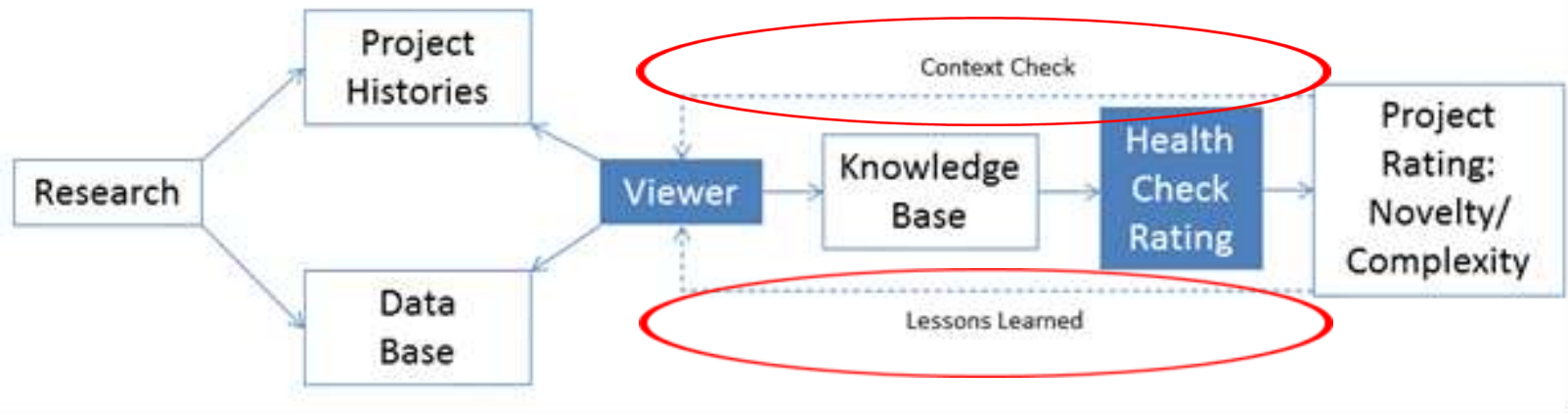
The project:



The project:



The project:



The project:

- Not a model – complements
- Heuristic/therapeutic!
- Proof of concept
- User trials (MOD/industry/aerospace etc.)

The Project & Investment Appraisal

“The assembly and analysis of data on the actual costs and timescales of current and past projects is the essential basis from which forecasts for future projects can be derived.”

Prof D. Kirkpatrick, Nov. 2015

Thank You.

Questions?