

Benchmarking for Improved Performance

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What is benchmarking?

- Benchmark - is a mark made by a surveyor on a post or wall to measure height
- Benchmarking - is considered use of data to
 - Drive continuous improvement
 - Support realistic target setting
 - Create a culture of sharing and learning



Park running benchmarks

- Parkrun organise free, weekly, 5km timed runs around the world. They are open to everyone, free, and are safe and easy to take part in
- Personal Best time by Course
- Age weighted performance
- Set realistic targets
- Fun community event



What type of projects are you working on ?

Industrial

Buildings

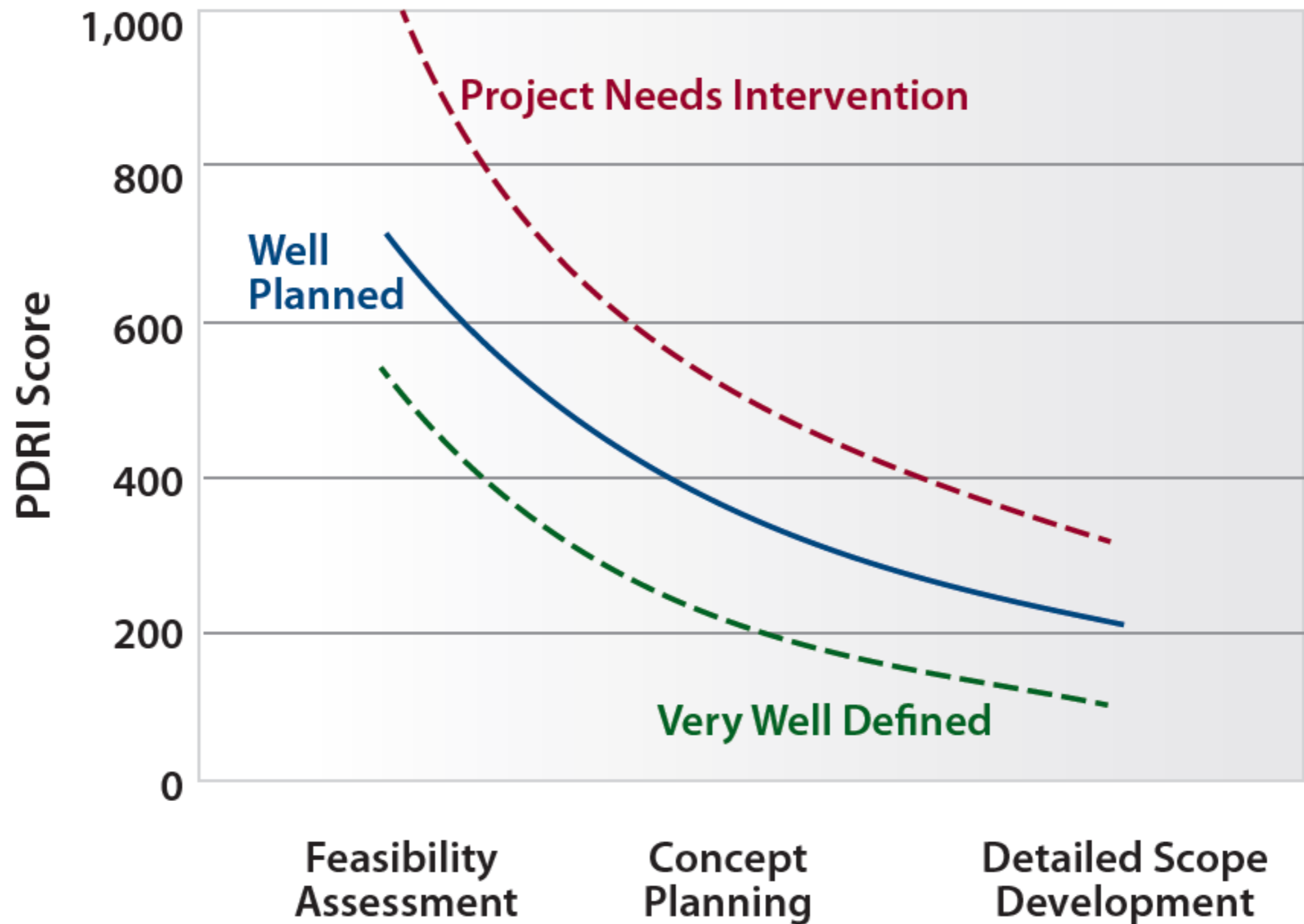
Infrastructure

Government

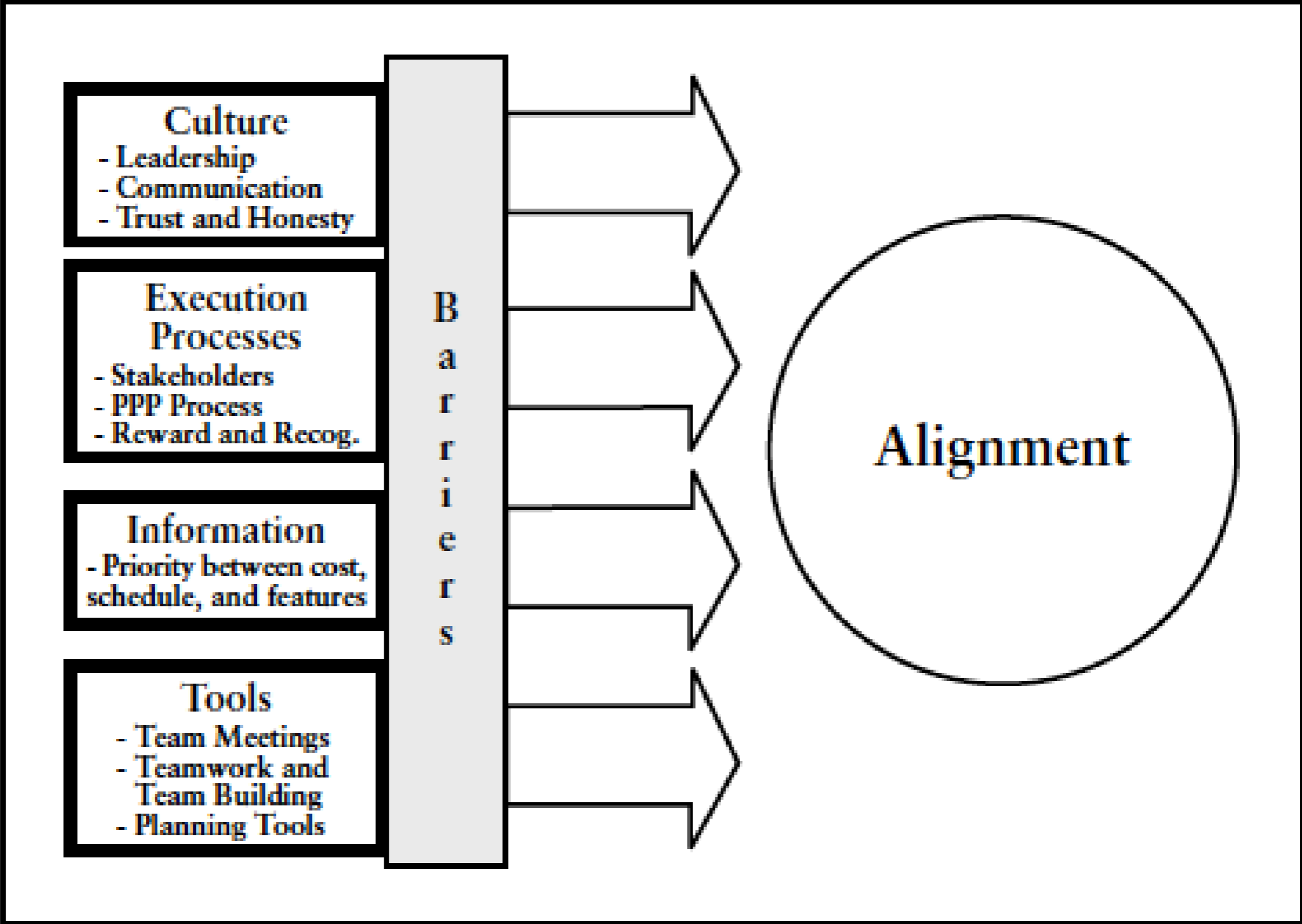
IT

Other?

Project Definition Rating Index (PDRI)

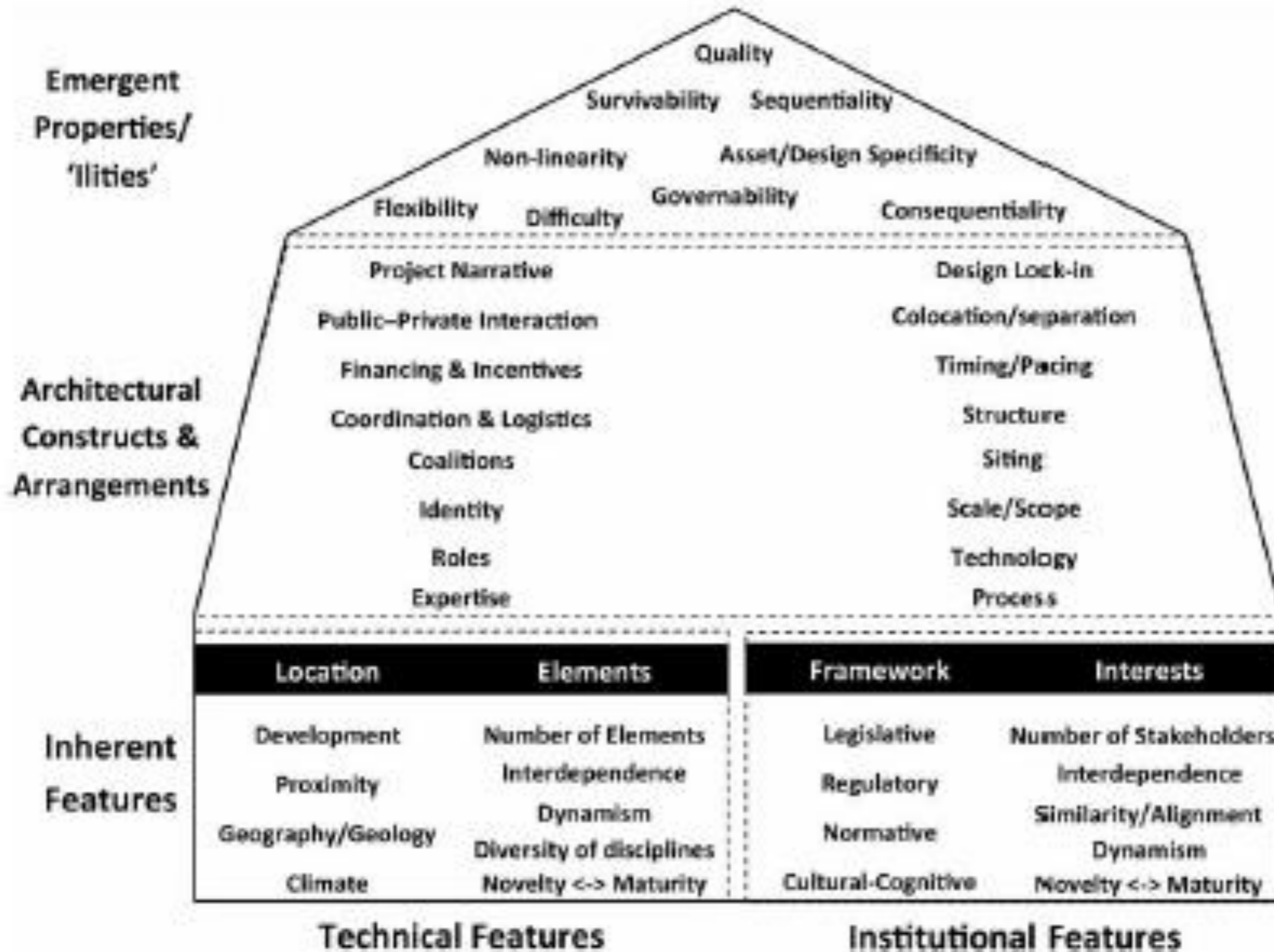


Team Alignment Thermometer



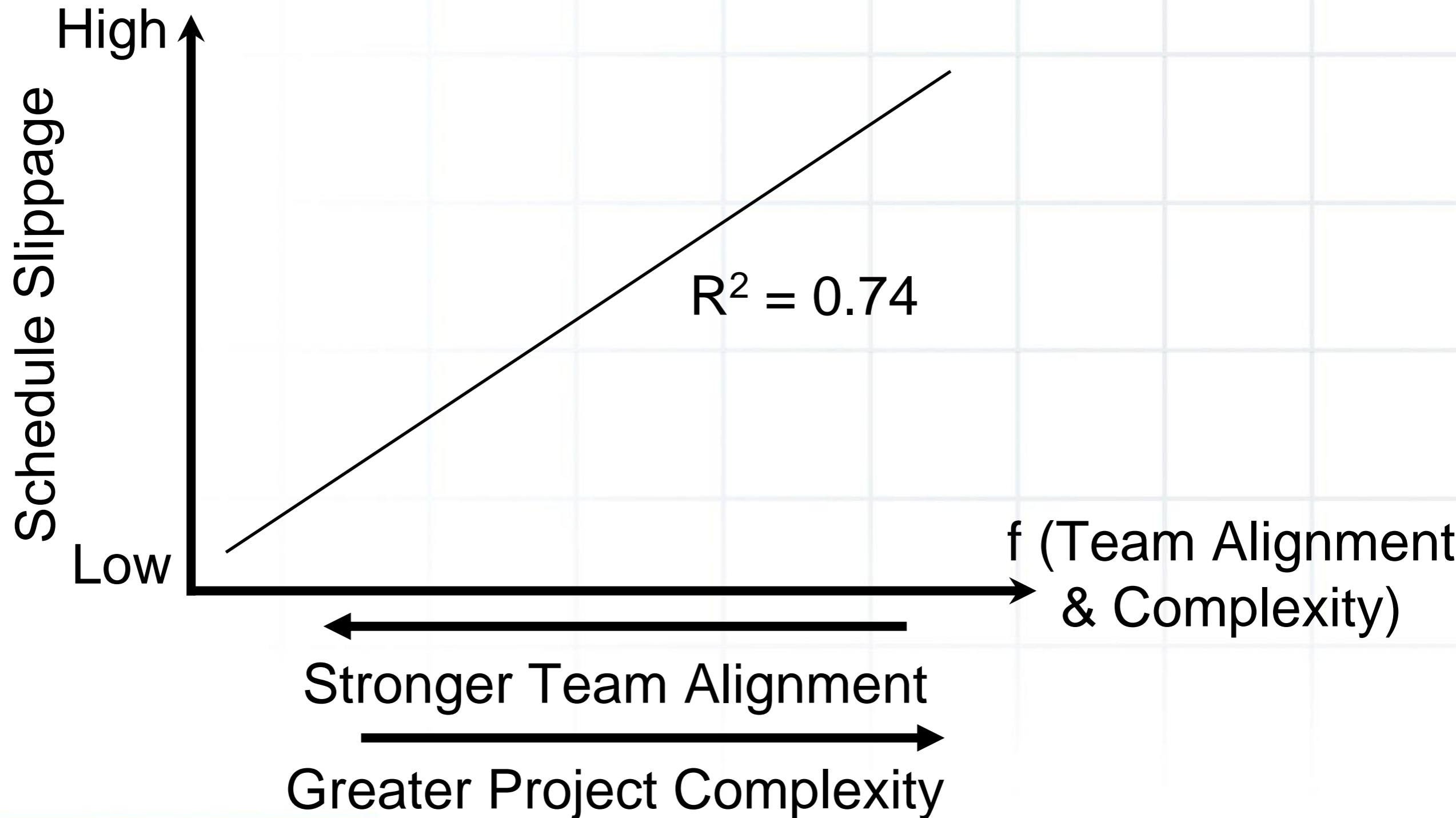
CII Resource : IR113-3 - Alignment During Pre-Project Planning

House of Project Complexity



Lessard, Sakhrani & Miller; 2013
http://bit.ly/Project_complexity

Schedule Slippage v Team Alignment and Complexity



Gas Pipeline



What is your experience of benchmarking ?

Cost

Schedule

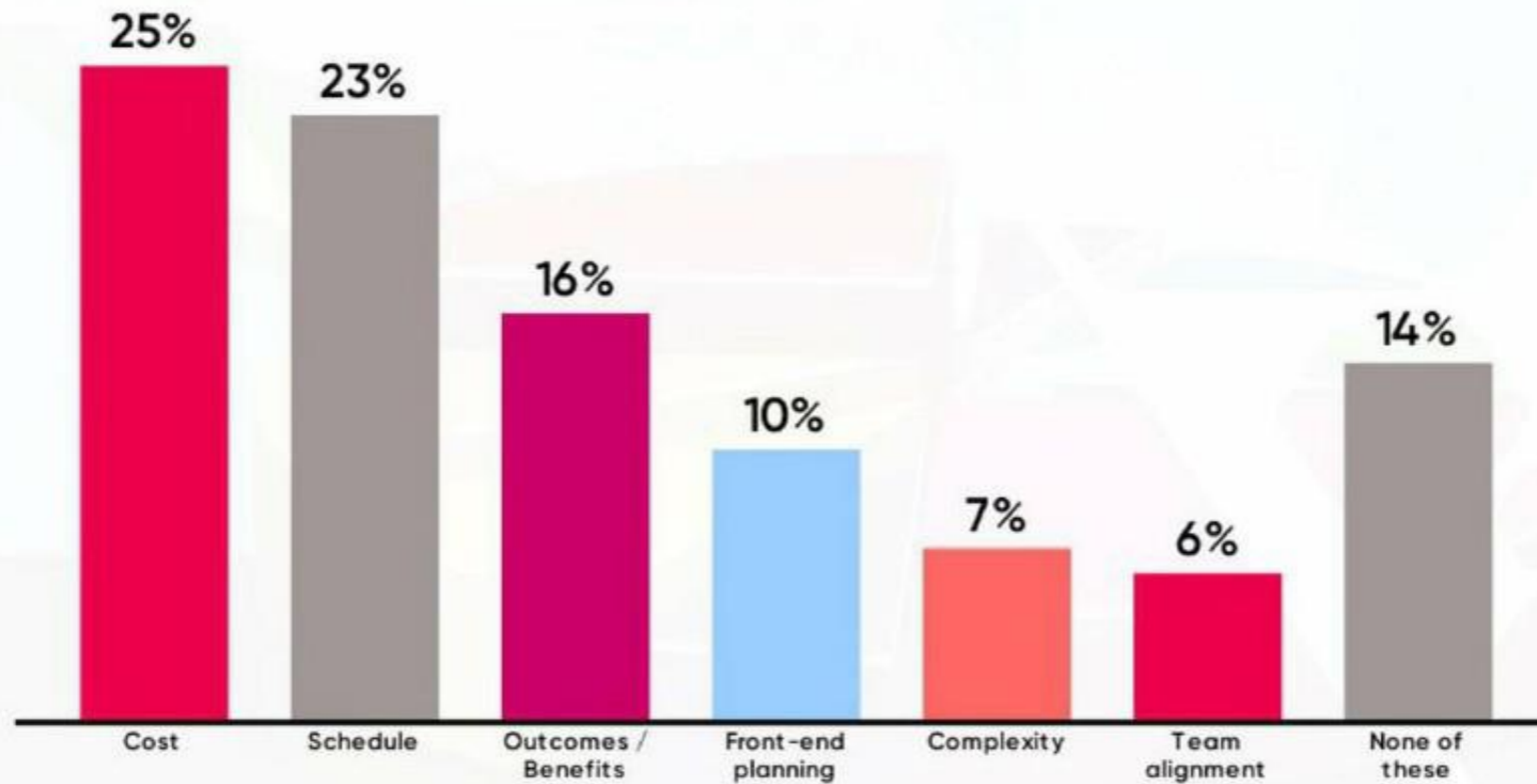
Benefits

Front End Planning

Complexity

Team Alignment

Please indicate if you have experience of benchmarking in any these areas?



105

Best Practice in Benchmarking - Infrastructure and Projects Authority



http://bit.ly/ipa_benchmarking

Benefits of Benchmarking by Project Stage

- During policy **creation** to select the right project
- During entailed delivery **conversations** ; providing **challenge** and building **confidence**
- At the end of the project to assess performance, share learning and build **continuous improvement** into the system.

http://bit.ly/ipa_benchmarking

#1 Objective

#2 Components

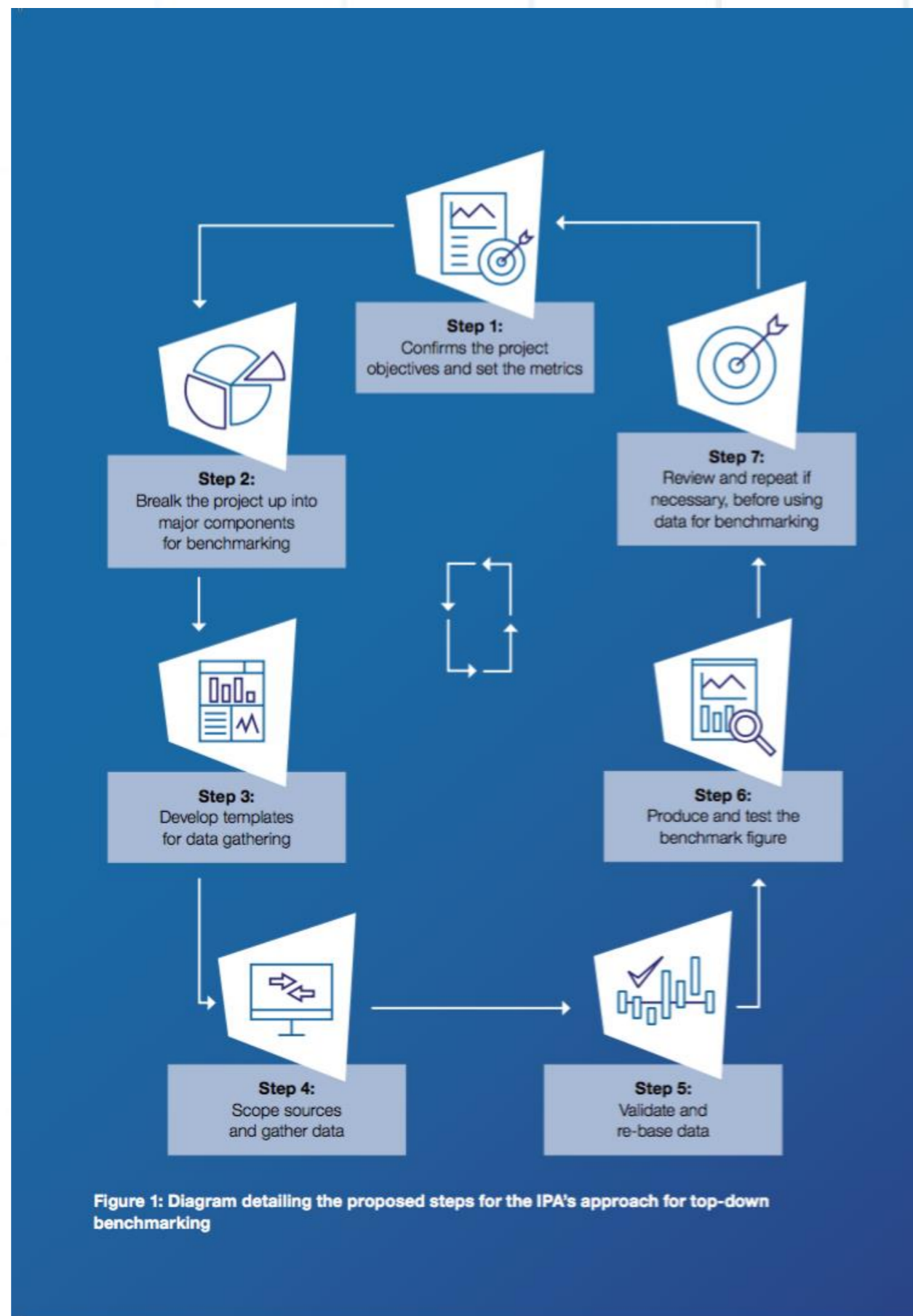
#3 Template

#4 Acquire

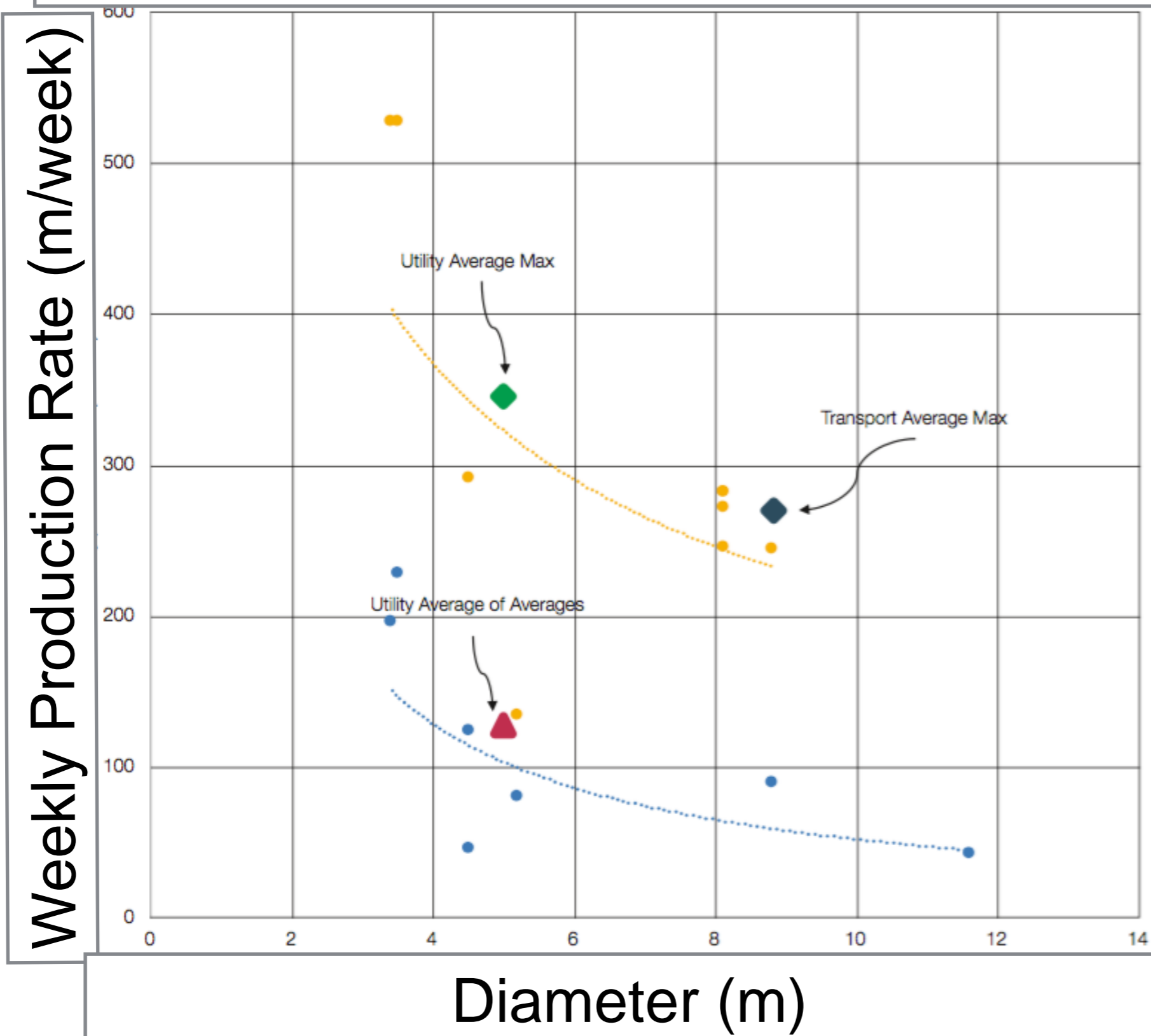
#7 Assess

#6 Image

#5 Validate



Tunnelling Performance



http://bit.ly/UK_tunnelling

Internal and External Benchmarking



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