



Measurement effectiveness of off shoring

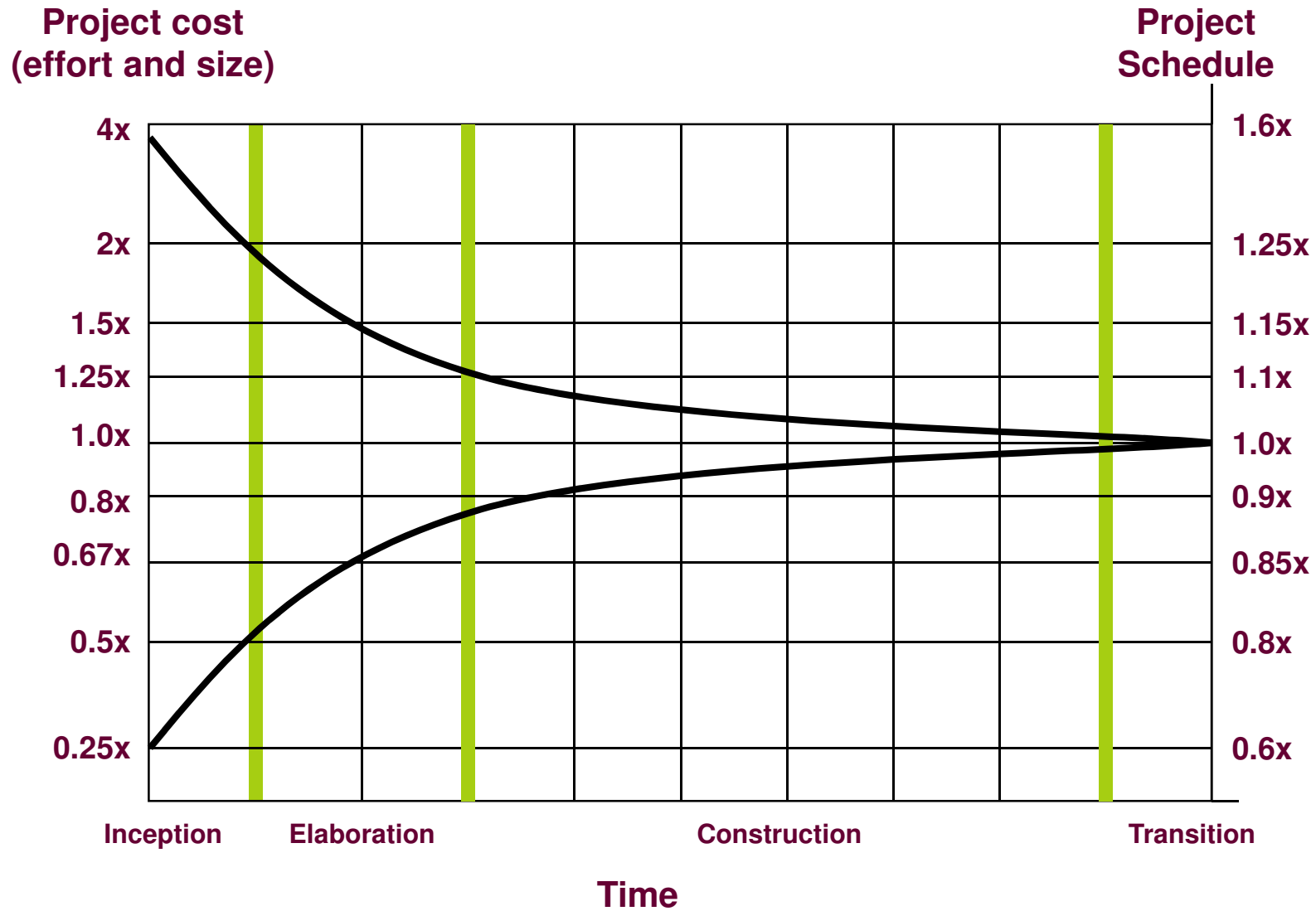
Ronald Oudshoorn - Capgemini

9 april 2009



- One team concept (project and core team support)
- High level of standardisation (process, methods, tooling)
- High level of transparency (reports, measurement)
- Use of communication tools (video communication, web cam, communicator, Skype, ..)

The cone of uncertainty



ADC Concept – People Process, Technology

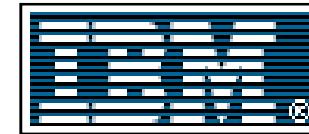


Assemblyline

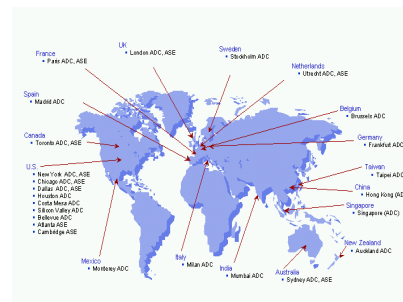


**ADC Coreteam,
Coaching,
SQA, Tools,
Assembly, E&M.**

Technology partners



CMM Level 3
CMMi Level 5 (India)



**World-wide
collaboration**

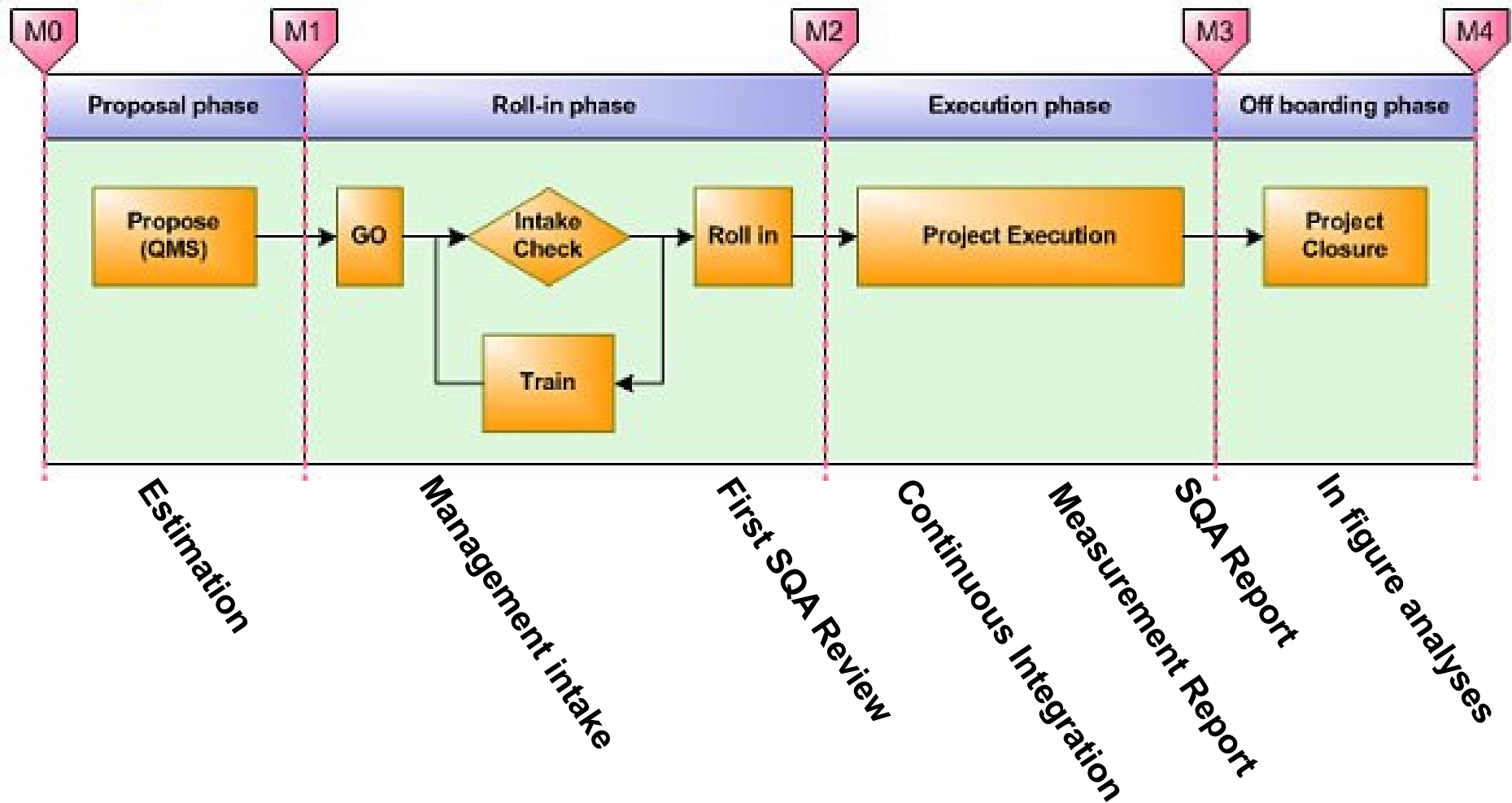


**Infrastructuur
Office
Hardware
Software**

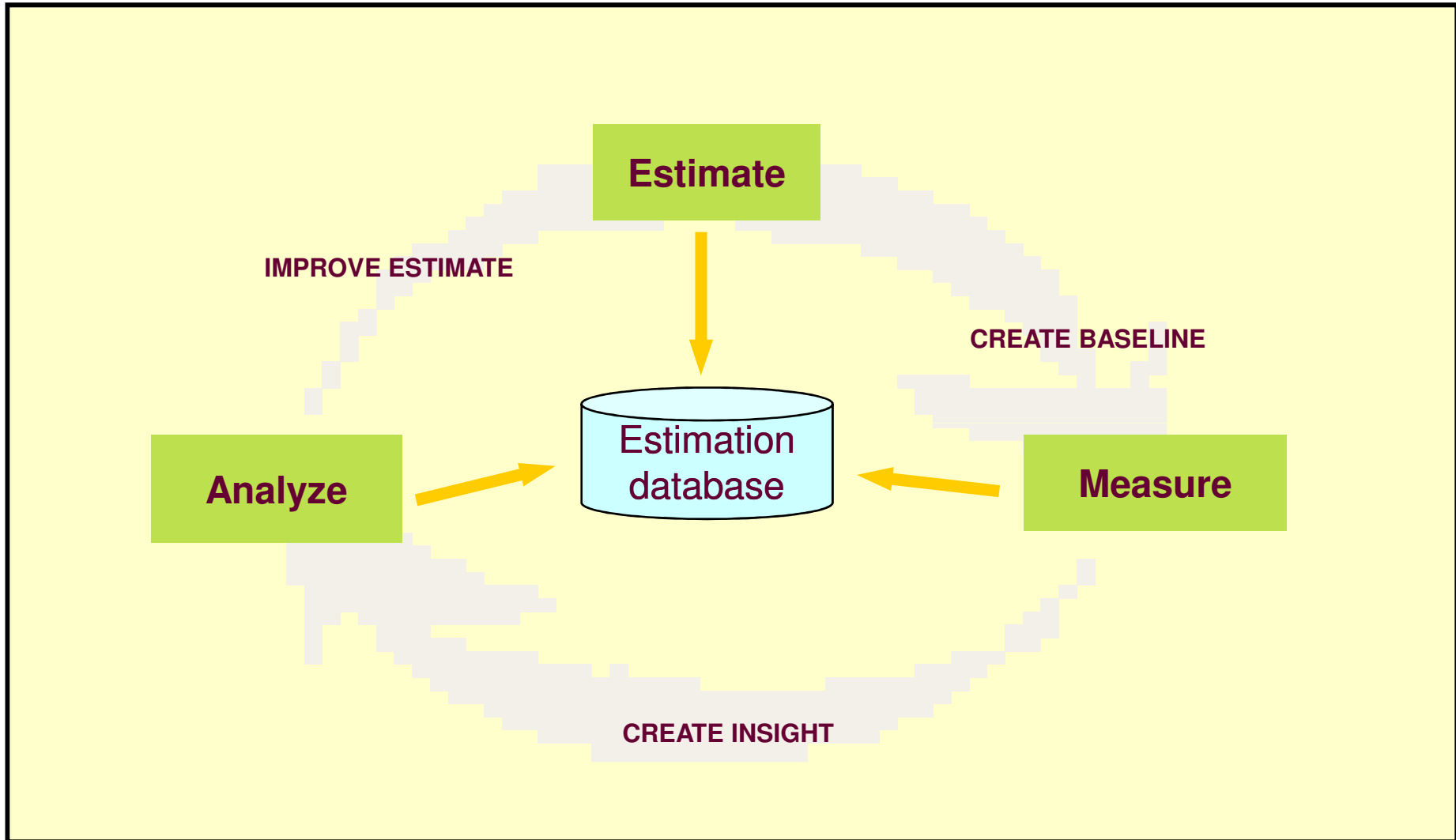
Accelerated Delivery Center ®
Speed and Predictability



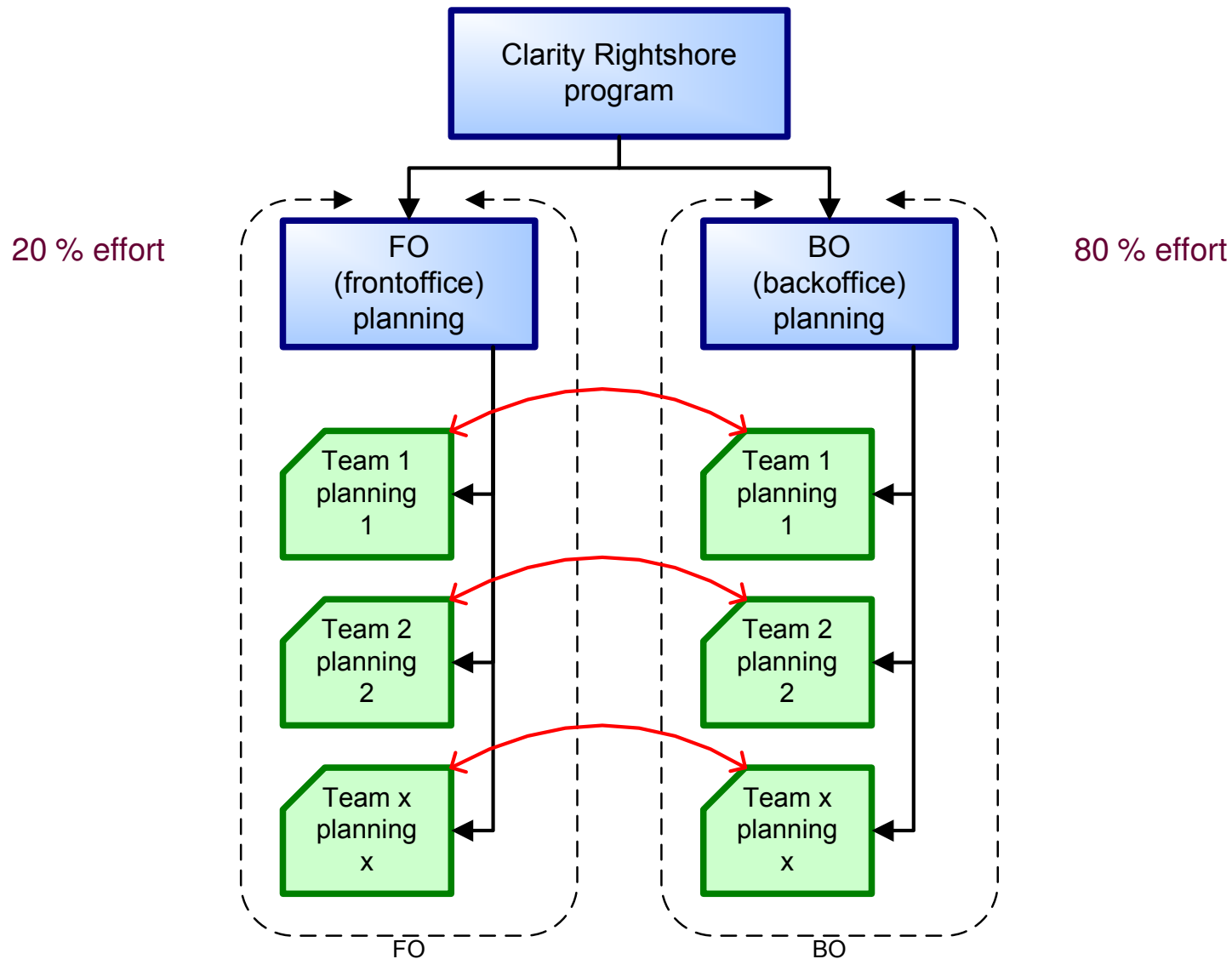
Project control



Estimation & Measurement lifecycle

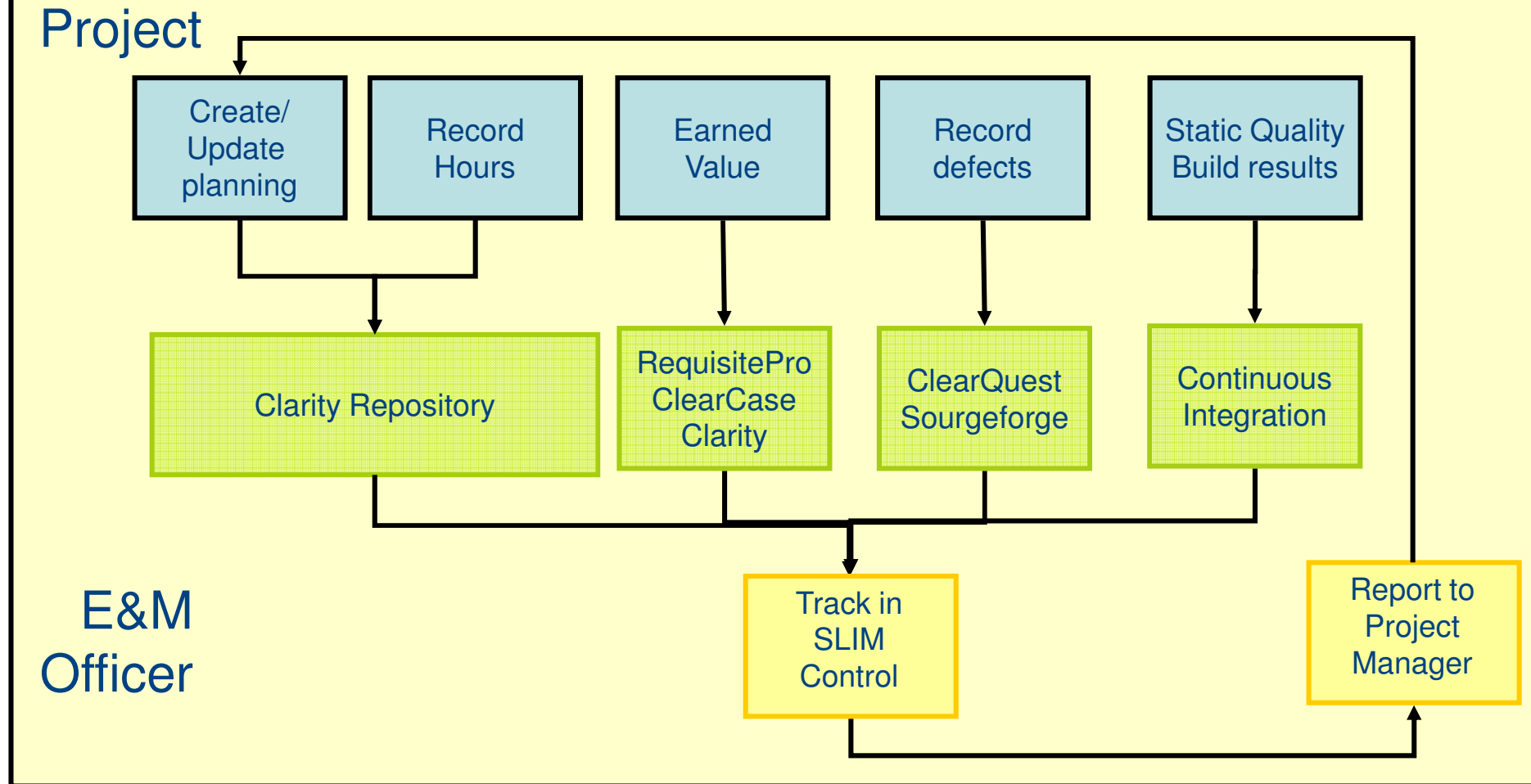


Project Structure Rightshore





Tracking actuals

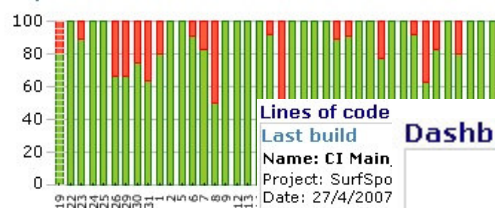


Project Dashboard



Build success rate

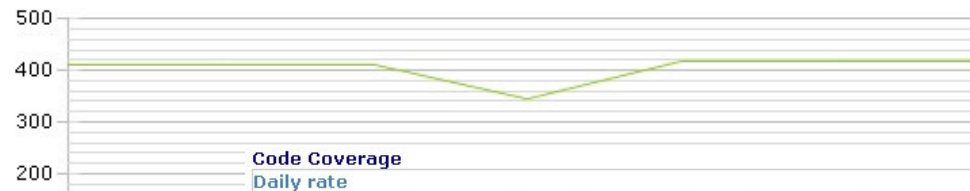
Daily rate



Lines of code
Last build
Name: CI Main
Project: SurfSpa
Date: 27/4/2007
Time: 09:22:15 A

Unit Test

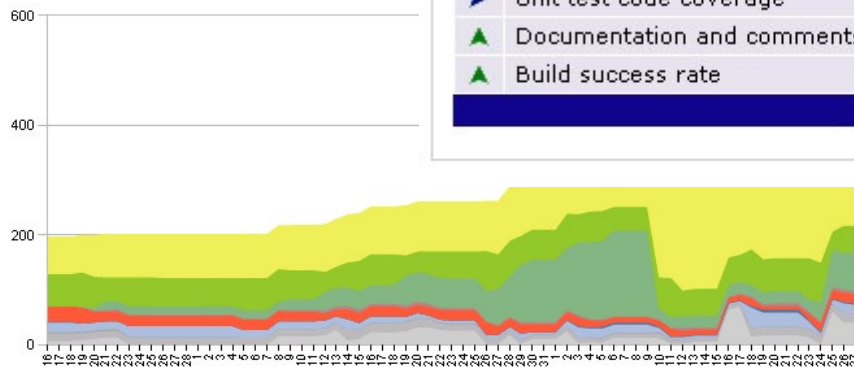
Current Passed: 418 Current Failed: 24 Current Not Executed: 0



Dashboard

Bug by status

- Closed
- Resolved
- Verified
- Test failed
- Rejected
- Opened
- Assigned
- Investigated
- Under investigation
- Proposed



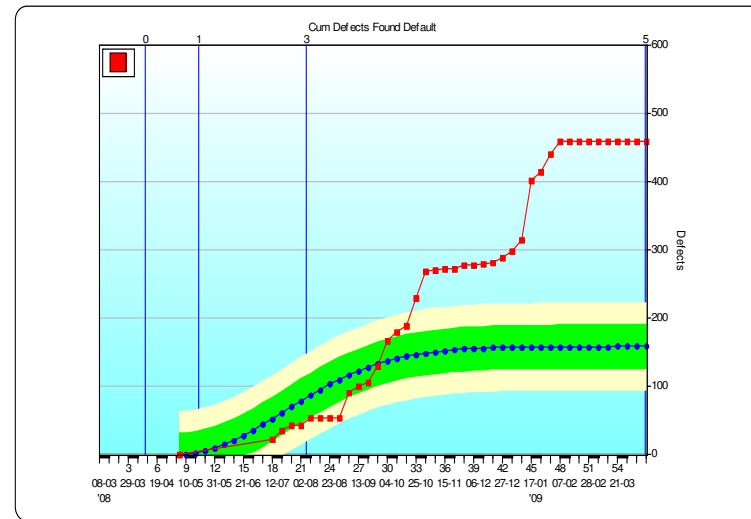
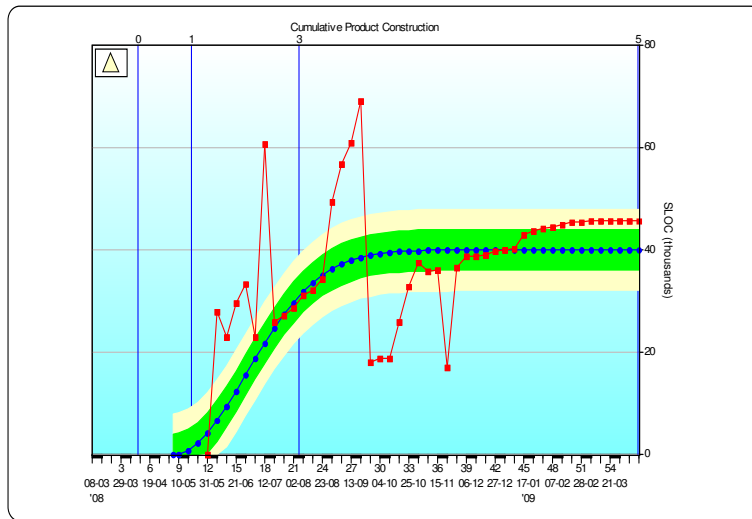
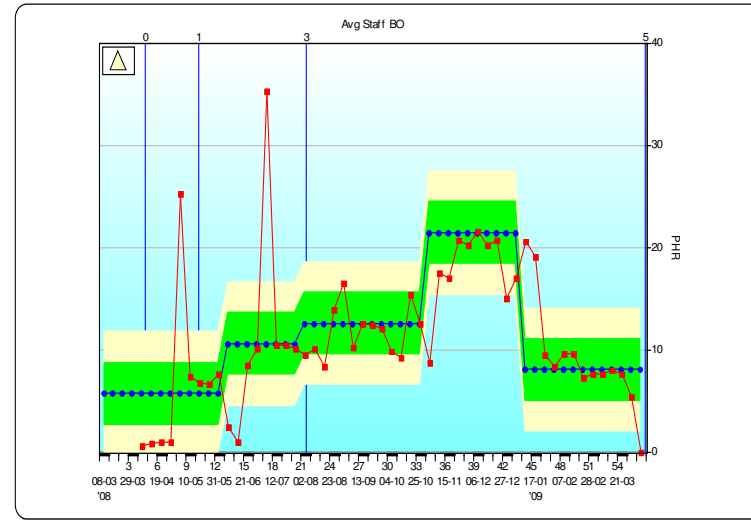
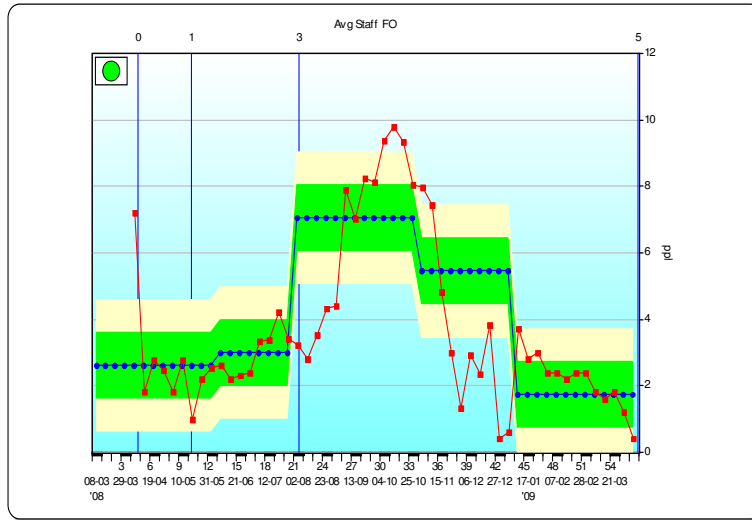
Indicators	Score	Score			
		⚠️ 68%	⚠️ 68%	⚠️ 68%	⚠️ 68%
	Target	Week 16	Week 15	Week 14	Week 13
Continuous integration Requirements	Used	✅ OK	✅ OK	✅ OK	✅ OK
▲ Source lines of code counter for E & M	Used	✅ 71577	✅ 70133	✅ 69751	✅ 48224
▼ Static Code Analysis Warnings	< 50	❌ 3176	❌ 3084	❌ 3012	❌ 2766
▶ Static Code Analysis Errors	< 5	✅ 0	✅ 0	✅ 0	✅ 0
▶ Unit testing success rate	> 95%	❌ *	❌ *	❌ *	❌ *
▶ Unit test code coverage	> 33%	❌ *	❌ *	❌ *	❌ *
▲ Documentation and comments	> 20%	✅ 33%	✅ 32%	✅ 31%	✅ 35%
▲ Build success rate	> 85%	✅ 100%	✅ 98%	✅ 98%	✅ 100%

Last update: 27-04-2007 09:30:23

Measurement Report



Stop Light Overview



—●— Current Plan
 —■— Actuals
 —□— Current Forecast
 Green Control Bound
 Yellow Control Bound



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- Productivity influencers :
 - Clarity of requirements
 - India uses larger team sizes
 - Be aware of extra effort spent, not always logged
 - Extra effort spent on:
 - Requirements management
 - Communication
 - Project management
 - Knowledge transfer and knowledge sharing
 - Translations
- Off-shoring is less time efficient, it is cost efficient

Your questions



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Speed and Predictability

