



The Get It Right Initiative Members' Meeting 20th January 2020

Working together to eliminate error,
by Industry, for Industry.

GIRI

AGENDA

Welcome and Executive Director's Report

Aims and Objectives for 2020

Communications

Error Frequency Ratio

One Piece Continuous Flow

BREAK

Galliford Try's Experience in Eliminating Error

Technology Working Group Research

Update on GIRI Training and Consultancy

Dates of 2020 meetings

Wrap Up

14 New Members in 2019

Member Workshops in 2019

- Balfour Beatty
- Brymor
- HS2
- Morgan Sindall
- Willmott Dixon
- Zurich

External Seminars in 2019

- AJ Gallagher
- CQI Birmingham
- ICE Birmingham and London (twice)
- Design Guide Being Launched on the ICE Learning Hub
- ICE South East Region
- Constructing Excellence Meetings at three different locations
- World Quality Events at Heathrow and Durkan

Reflections

Building a Safer Future Consultation

CIOB Quality in Construction

Persimmon Independent Review

Persimmon Findings of Independent Review

Led by Stephanie Barwise QC

The problem Persimmon has encountered with missing/improperly fitted cavity barriers is a systemic nationwide problem, which is a manifestation of **poor culture** coupled with the lack of a Group build process (a rigorous regime of Group controlled build, based on clear drawings and specifications supported by an appropriate supervision and inspection regime).

If the Board wishes Persimmon to be a builder of quality homes, meeting all relevant build and safety standards, then it should re-consider Persimmon's purpose and ambition. Persimmon has traditionally been more a land assembler and house-seller rather than a housebuilder. As explained in the Report, the Home Builders Federation **star rating is a measure of quality as perceived by the customer shortly after completion**, rather than a **measure of the true quality and safety of the build**. Therefore, if Persimmon does want to be, and be known as, a builder of quality homes, its aspirations cannot be realised simply by achieving a four or five star HBF rating.

GIRI

- The Board needs to be clear about Persimmon's purpose and ambition, and its vision for the Company should be clearly articulated. Assuming this is to be a builder of quality homes, it is only then that the changes necessary to achieve this ambition can be properly formulated in a coherent, overarching strategy. The achievement of this ambition will also require changes in the **culture** of the business.

Aims and Objectives for 2020

Working together to eliminate error,
by Industry, for Industry.

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GIRI Strategic Aim

To improve construction productivity and quality by eliminating error.

Goals

- Create a culture and working environment to get it right from the start.
- Change attitudes and harness leadership responsibility to reduce error and improve quality and productivity.
- Engage all stakeholders in eliminating error from inception, through operation, to completion.
- Share knowledge about error reduction processes and systems.
- Improve skills across the sector creating a positive approach to pre-empting error.

What should we be doing differently?

Communications

Working together to eliminate error,
by Industry, for Industry.

A large concrete dam with a crack and a stream of coins flowing out. The dam is made of grey concrete blocks. A crack runs diagonally across the dam, and a stream of gold coins is flowing out from the crack. The coins are piled up at the bottom of the crack, creating a waterfall effect. The background shows a small white building on top of the dam.

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Communications Update

GIRI Media Pack

Updated media pack being circulated to all Members


Aim: To support you talk about the change you'd like to see in Construction.

Ask: Connect GIRI Comms Mgr with Communications teams to develop opportunities



GIRI Working together to eliminate error
Get It Right Initiative www.getitright.uk.com
@GIRI @GIRI_UK

Members Media Pack
September 2019



Construction errors cost billions.



Members Meeting

Monday 20th January 2020

[More Details](#)



"Magic mirror..." Lean Construction Ireland Webinar

Wednesday 22nd January 2020

[More Details](#)



Get It Right Zurich Round Table Session

Monday 10th February 2020

[More Details](#)

Upcoming Events

Visit our Events page to stay up to date:

<https://getitright.uk.com/events>



GIRI Seminar at ICE London: How to improve productivity

Monday 2nd March 2020

[More Details](#)



Members Meeting

Monday 20th April 2020

[More Details](#)



Quality in Construction Summit

Wednesday 1st July 2020

[More Details](#)



GIRI Seminar at ICE London: How to improve productivity

Monday 6th July 2020

[More Details](#)



GIRI Annual Review

Monday 13th July 2020

[More Details](#)



Members Meeting

Monday 12th October 2020

[More Details](#)

Quality in Construction Summit, 1 July 2020

Panel discussion

Call for participation from:

- Client
- Consultant
- Contractor
- Chair tbc.

- GIRI Member ticket offer:
£149 vs full price £279



Client: GIRI
Report Title: Web statistics
Report Generated: 12/12/2019
Report Range: 01/11/2019 – 30/11/2019
Total Days In Report: 30
Comments:

Website visits for November were 1,216 (41 visits per day). Average user session length was 2m32s (target is to remain between 2m30s - 3m) and on average 3 pages were viewed (target is to remain at 3 or more pages). The website bounce rate was 57% (target is to remain under 60%). The highest day for web traffic was the 4th November. There were 6 goal completions (6 memberships page form completions & 0 contact form completions). 15% of all traffic was from a mobile device, 79% from a desktop and 6% from a tablet.

Pageviews

3,327
% of Total: 100.00% (3,327)



Visits

1,216
% of Total: 100.00% (1,216)



Bounce Rate

56.83%
Avg for View: 56.83% (0.00%)



Avg. Visit Duration

00:02:32
Avg for View: 00:02:32 (0.00%)



Pages/Visit

2.74
Avg for View: 2.74 (0.00%)



% New Visits

65.71%
Avg for View: 65.71% (0.00%)



Number of User Sessions Per Day

Date	Sessions
20191104	88
20191114	74
20191107	72
20191106	71
20191105	68

Content Overview

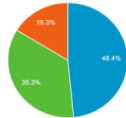
Date	Page	Pageviews
20191106	/	828
20191106	/reports	288
20191107	/courses	209
20191106	/about	153
20191105	/reports/research-report	127

Average User Time on Site

Date	Avg. Session Duration
20191106	00:04:12
20191119	00:04:00
20191121	00:03:54
20191113	00:03:45
20191111	00:03:44

Traffic Sources Overview

■ organic ■ direct ■ Other



Digital Comms

Website

1200 visits per month (average)

LinkedIn

Connections: 469

Company Page followers: 294

Group Members: 189

Twitter

Followers: 376

GIRI

Partnerships

Be The Business

<https://www.bethebusiness.com/>

Construction Sector Roadmap In Development

be the
business

Home About Improve your business Join our campaign Get inspired by others Sign up Login

UK BUSINESSES, LET'S GET MATCH FIT

Britain's productivity and competitiveness is stagnating.
This can only be solved by every firm getting into shape.

Without a concerted, nationwide effort to improve, the already visible impacts will start to grow.

Your **Turnover** Impact

£182,273

of lost value per small business
in the UK.

Your **Staff** Impact

£5,000

and growing - yearly wages
lost per person.

Your **Community** Impact

£18bn

of lost productivity because the UK's
best "force multipliers" aren't achieving their
productivity benchmark.

What can you do?

Be the Business is an independent, not-for-profit movement. We're here to help every firm in the country improve their own performance, and the performance of those they work with.

Change doesn't have to be epic, sweeping, painful or expensive. It's easier to get started than you think.

Assess your business performance and practices.



Use our quick and simple assessment tool.

Get inspired by learning from how others have improved their businesses.



Review our insights and case studies.

Discover how a Be the Business programme could transform your firm.



Take action to get better.

Leading businesses across the country are coming together in collaborative and innovative ways to deal with the issue head on.

A large concrete dam with a crack and a stream of coins falling from it. The coins are glowing and appear to be falling into a pool of water below. The dam is made of large concrete blocks and has a small structure on top.

Get It Right Initiative: Error Free Ratio

Test, Launch & Support Plan
14th January 2020

GIRI

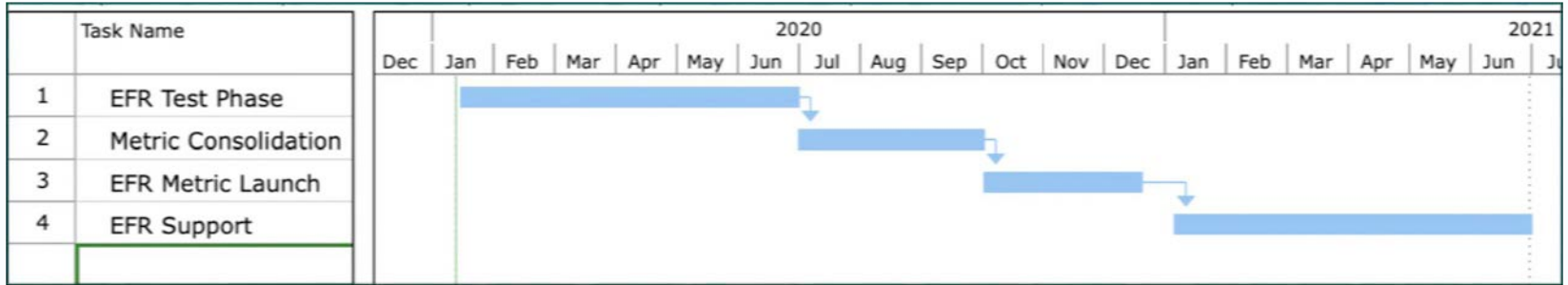
Get It Right Initiative: Error Free Ratio

- Outcomes of today;
 - Agreement to the test paper
 - Commitment to the data collection plan
 - Commitment to the timeframe
 - Support in engaging participation

A large pile of gold coins is spilling out of a hole in a stone wall. The coins are piled up, and some are scattered on the ground. The wall is made of large, rectangular stone blocks. The scene is lit from above, creating strong shadows and highlights on the coins and the wall.

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Error Frequency Ratio: Test & Launch Plan



1. EFR Test Phase
 - a. Data Collection
 - b. Assessment
 - c. Calculation
 - d. Presentation
 - e. Consensus
 - f. Commitment

2. Metric Consolidation
 - a. Adjustment
 - b. Review
 - c. Preparation

3. EFR Metric Launch
 - a. Guidance
 - b. Governance
 - c. Toolset
 - d. Implementation

4. EFR Support
 - a. Challenges
 - b. Enhancements
 - c. Expansion

Test Paper Review

- Data required:

Project Identifier (p)	Total number of items/issues outstanding at completion* (i)	Project Value (at completion) (v)	Sector

- Proposed metric formula: $\sum \frac{i}{v} * \sum p * \sqrt{v^{1.5}}$
 - p = projects
 - i = items or issues
 - v = value

EFR Test Phase

- Objective is a successful test, enabling launch
- Controlled and carried out per test document
- Governed by EFR working group and GIRI leadership

Metric Consolidation

- Incorporate change
 - Determined by test
 - In line with desired outcome
- Update test model for live use
- Prepare for launch

EFR Metric Launch

- Prepare industry guidance for implanting and reporting
- Create a governance model to manage change
- Agree and establish a 'home' for the tools
- Generate release to accompany instructions and tool

EFR Support

- Managed change and upgrades
- Revision and update
- Communication of results
- Inclusion of non-GIRI membership

One Piece Continuous Flow

Ali Mafi

Working together to eliminate error,
by Industry, for Industry.



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Eliminating Errors at Galliford Try

Presentation to the GIRI Members' Meeting
20th January 2020



Lynden Haworth

Construction Support Manager ???

Eliminating Error

What is Error?

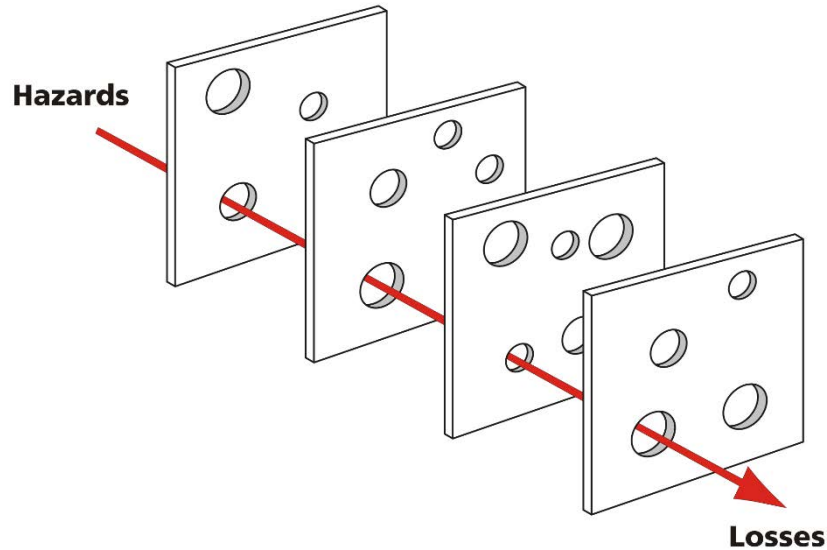
Error: Any action or inaction which results in a requirement for re-work, a requirement for extra work, or produces a defect...

Defect: Any failure to meet the project requirements at a handover

(Get It Right Initiative - Research Report - Rev 3, April 2016)

Eliminating Error

Learning from H&S



The Swiss cheese model of accident causation (also known as the cumulative act effect) is a model used in risk analysis and risk management.

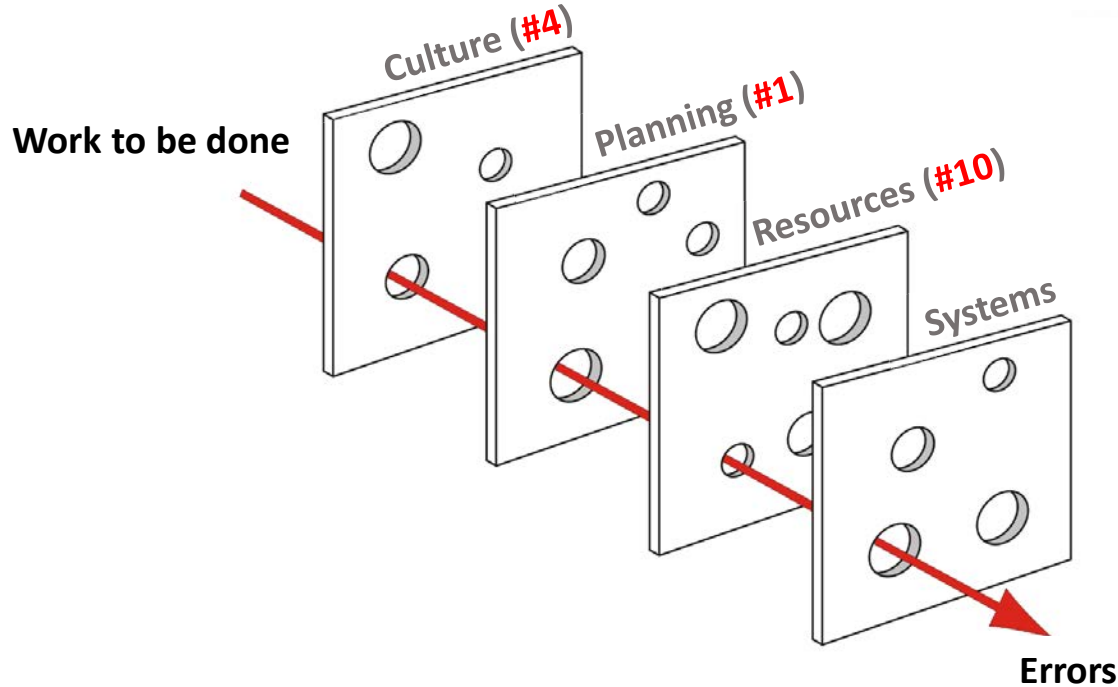
It likens human systems to multiple slices of Swiss cheese, stacked side by side, in which the risk of a threat becoming reality is mitigated by the differing layers and types of defences which are layered behind each other.

Lapses and weaknesses in one defence do not allow a risk to materialise, since other defences also exist, to prevent a single point of failure.

Let's look at this in terms of error...

Eliminating Error

Applying what we have learned



Ranking of Root Cause of Error (Get it Right Initiative – A Call to Action)



Eliminating Error

Culture

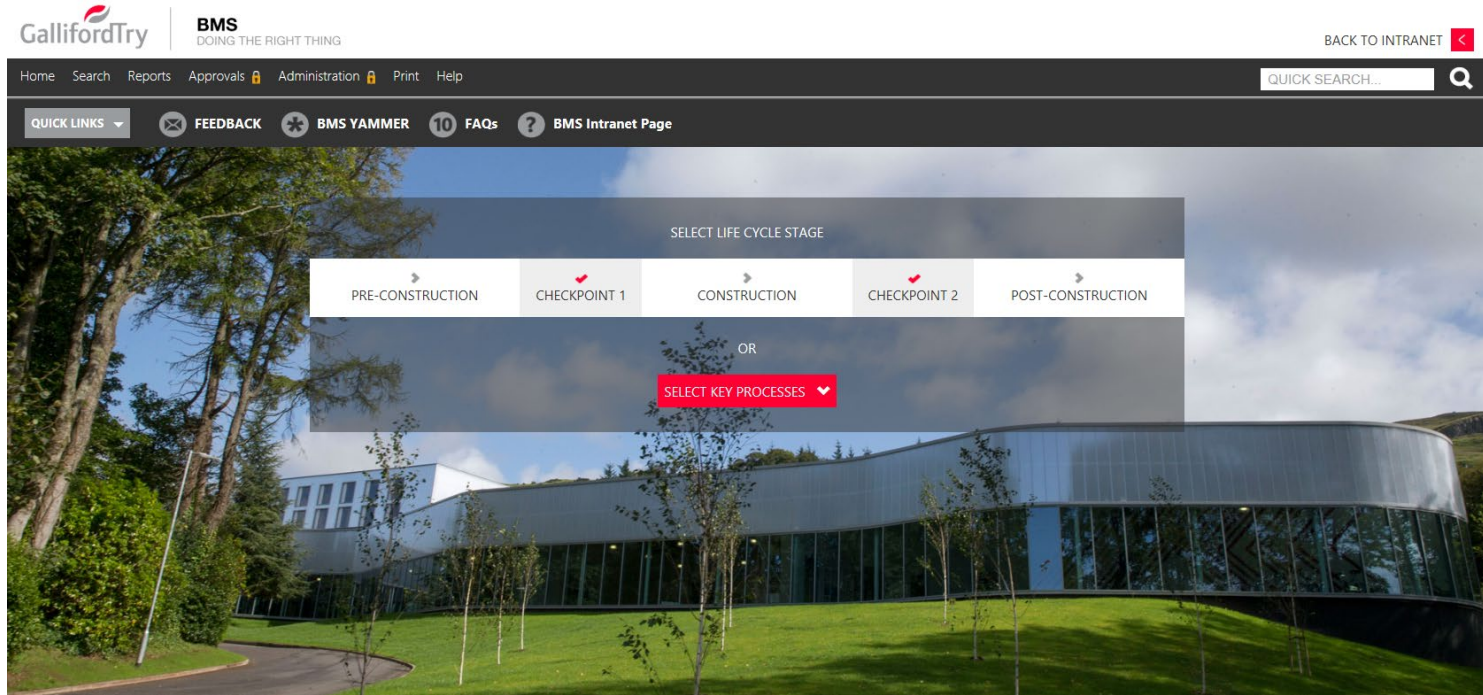


Get It Right Initiative Members – November 2019



Eliminating Error

Planning



- Introduction of checkpoints between project lifecycles promote an increased level of **Planning** and governance.

Eliminating Error

Planning



Leadership Training

Training for Leaders in the construction industry

Course objectives

Courses for senior leadership in construction organisations that aim to inspire, engage and help participants reach a consensus about what needs to be done differently within their organisation and projects so that it becomes normal practice to 'get it right first time'. Participants of the course 'Strategies for leaders of construction projects' are encouraged to engage in follow-up (Part Two) sessions at intervals of 4-6 months in order to monitor progress and improve the effectiveness of the action plans developed in Part One. Both courses establish an agenda for the elimination of errors.

Core Messages

- Optimism Bias
- Concern - Cause - Countermeasure
- Effective communication
- Understanding of behaviours and its role in errors



Acknowledgments

Training has been developed in conjunction with the following GIRI members: Balfour Beatty, BAM Nuttall, Berkeley Group, Costain, Galliford Try, Hoare Lea, HOCHTIEF, JN Bentley, Kier, Sir Robert McAlpine and VINCI.

Eliminating Error

Resources - GT



PROJECT MANAGEMENT DEVELOPMENT FRAMEWORK

JOIN THE GT ACADEMY FOR PMDF TRAINING

A series of interactive training modules designed and delivered by our own Subject Matter Experts across C&I Covering a wide range of topics to support Delivering Excellence through improved project delivery.

TYPES OF TRAINING ON OFFER:

<input checked="" type="checkbox"/> Brickwork	<input checked="" type="checkbox"/> Inspection Test Plan
<input checked="" type="checkbox"/> Concrete Technologies	<input checked="" type="checkbox"/> M&E
<input checked="" type="checkbox"/> Cladding	<input checked="" type="checkbox"/> Planning

 To see the full range of modules please look on our career paths page on The GT Academy.

Designed to enhance / reinforce the technical competence of our people to a level where they can better supervise, check and challenge those completing works on our behalf.

In 2019 (the first full year of the PMDF):

- Modules Delivered = 32 No
- Total Attendees = 340 No

Eliminating Error

Resources – Supply Chain

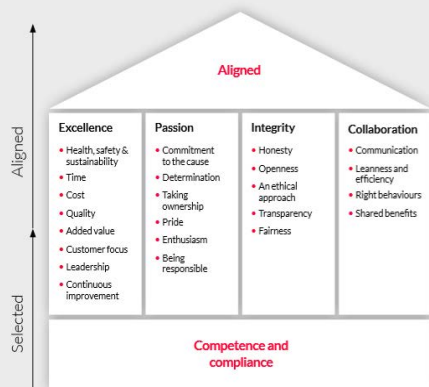
Advantage through Alignment

“Our aim is to create an industry-leading collaborative approach to supply chain engagement that can demonstrate shared vision and goals, excellent behaviours and processes consistently across all of our activities to provide mutual benefit and deliver excellence on behalf of our clients.”



Achieving alignment

Alignment is a two-stage process. The first step in our journey is for our subcontractors to demonstrate competence and compliance and be 'Selected'. Then, through engagement with us, subcontractors can work towards becoming 'Aligned'.



Advantages of alignment

As Advantage through Alignment matures, so too will the benefits, giving both Galliford Try and our supply chain a competitive advantage.

Benefits for our supply chain



Health and safety

- Improved performance in health and safety



Sustainability

- Better social and environmental outcomes



Improved communication and collaboration

- Dedicated point of contact (Supply Chain Manager)
- Visibility of our pipeline of works
- News about our business
- Legislation updates
- Viewpoint
- 360 degree review meetings
- Feedback process for all bids
- Better visibility of payment



Training programme

- Alignment to our award-winning behavioural safety programme Challenging Beliefs, Affecting Behaviour
- BIM training
- Viewpoint training
- Innovation days
- Access to Continuing Professional Development (CPD)
- Participation in the Supply Chain Sustainability School

Benefits of collaboration

- Relationships certified to BS 11000
- Joint efficiency improvements
- Enhanced transparency and openness
- Greater knowledge share

Benefits for Galliford Try

- Improved health and safety (Challenging Beliefs, Affecting Behaviour)
- Alignment of the supply chain to our values
- Better value for our clients
- Reduced costs
- Added value from trading relationships
- Reduced risk
- Improved business processes
- Better quality control
- Better social and environmental outcomes

In 2019 GT achieved 55% Aligned spend (target 40%). October 2020 target = 70%

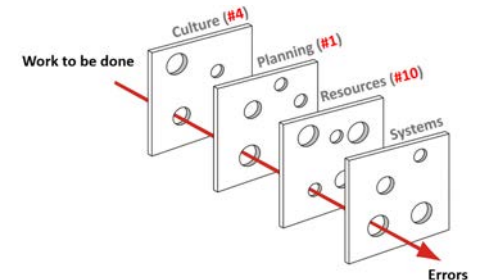
Eliminating Error

Resources – Project Wide



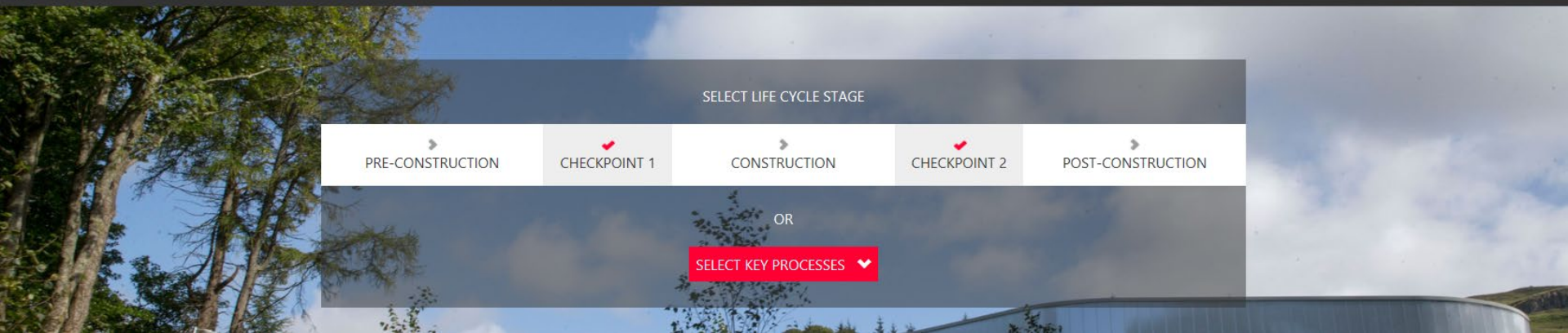
Projects that have tried and tested the Leadership Training modules can start to realise the power of all three training streams.

When used together the three training streams can help to strengthen our Error Free **Culture**, help us **Plan** more effectively and improve the competency of our **Resources**.



Eliminating Error

Systems – Business Management



The GT Business Management System has been re-written and re-launched with key changes:

- Process Maps streamlined and prompt the identification of **Risk**;
- The role of the **Inspection and Test Plan** as a critical aid in delivering works in accordance with specification has been escalated.

Eliminating Error

Systems – Digital Working

DIGITAL WORKING



Helping you be more efficient on site and clock up more time at home



Digital Strategy - Mobile Platform

As part of a wider Digital Strategy our vision is to have a fully integrated Mobile Platform with which to operate our delivery processes and quality systems on site. Efficiency of our operations and maximising benefits from data usage are key outcomes supporting this vision. The new Mobile Platform is being developed from lessons learnt from the many projects using Field View across C&I and will integrate the principles of the new BMS, with an enhanced approach to Quality along with the integration of streamlined Health, Safety & Sustainability requirements.

What is being developed?

A Working Group, including Operational staff from across C&I have been developing the Mobile Platform requirements to drive a consistent & standardised approach across the business, enabling teams to focus on key roles of project delivery in line with the new BMS.

This has included assessment of our current inconsistent and differing methods across each Business Unit and to integrate lessons learnt and best practice into a new data driven Galliford Try standard approach. This will enable real time dashboard reporting of Quality and HS&S across C&I and assist project teams to be more effective and efficient on site and to deliver better quality projects to our clients.

The Working Group have focused on a number of key areas:

- Driving awareness and application of the new BMS
- Renewed awareness of importance of quality of delivery & compliance
- Driving a collaborative approach to quality, with input and support from site teams and supply chain
- Understanding the key project roles and responsibilities for project delivery
- Developing a standard approach to Inspection & Test Plans (ITP)
- Developing a standard approach to Check Sheets
- Developing a standard approach to Health, Safety & Sustainability
- Developing a standard approach to Daily Diaries and Site progress photos
- Establishing a consistent approach to mobile device type, capability, set-up and software
- Enabling standard project reporting, dashboards for Weekly Meetings and Contract Reviews
- Establishing processes for project audit, non-compliance and improvement
- Enabling Quality and HS&S analysis across the business



- Fully integrated mobile platform to operate our delivery processes and quality systems;
- Efficiency of our operations and maximising benefits from data usage;
- Integrate the principles of the new BMS with enhanced approach to Quality.

And... So what???



Lynden Haworth

Construction Support Manager ???



Harnessing Technology to Eliminate Error

Update to Members 20th January 2020

Cliff Smith
GIRI Board Director

Working together to eliminate error,
by Industry, for Industry.



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Harnessing Technology to Eliminate Error

Research Update

- At our last meeting I reported the Technology Group would be looking into the quantitative evaluation of the benefits of Technology adoption.
- A straightforward cost benefit analysis was found to be beyond the likely influence of the Group particularly with regard to release of confidential data by participants.
- We have therefore developed a survey which will still give quantitative outcomes and thus provide the evidence of benefit we are targetting

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Error Reducing Digital Engineering Questionnaire

- Section 1 - Background
- Section 2 - Error-reducing digital design for construction/compliance
- Section 3 - Error-reducing digital procurement
- Section 4 - Error-reducing digital manufacture/sub-assemblies
- Section 5 - Error-reducing smart construction sites
- Section 6 - Priorities for investment in error-reducing technologies

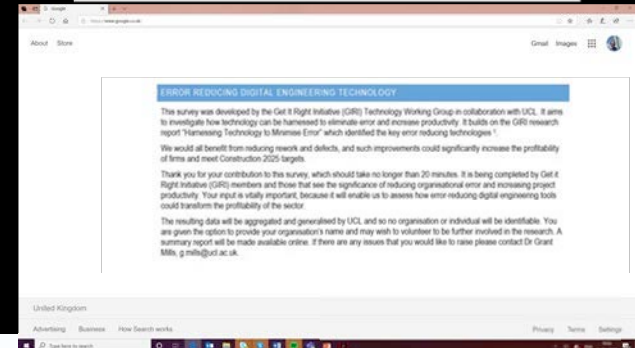
e.g.

Q11. What evidence is there that these digital design for construction/ compliance technologies have reduced error or increased productivity?

Please rate the frequency of YOUR ORGANISATIONS adoption of:

Q19. Error-minimising components that can only be installed the correct way

Low Adoption (One-off use e.g. <5% of projects)	Moderate (A few early adopters e.g. <20% of projects)	Half (Good proportion e.g. <50% of projects)	Majority (widespread adoption e.g. <80% of projects)	Full Adoption (mandatory e.g. 100% of projects)
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Error Reducing Digital Engineering Questionnaire

Section 2 - Error-reducing digital design for construction/compliance

This section asks you to consider digital design for constructability/compliance technologies such as BIM, BIM libraries, digital process and design management and VR common data environments, digitized workflows for quality checking and site surveying.

The various examples are provided on the GIRI website

Error Reducing Digital Engineering Questionnaire

2	Low Adoption (One-off use e.g. <5% of projects)	Moderate (A few early adopters e.g. <20% of projects)	Half (Good proportion e.g. <50% of projects)	Majority (widespread adoption e.g. <80% of projects)	Full Adoption (mandatory e.g. 100% of projects)
5. Digitally supported site inspections with design software that is enhanced with the capture electronic images and notes on built quality and compliance checks.					
6. Site (and factory) dimensional checks against designs such as laser scanning done at regular intervals to check work correctness and prevent problems of out-of-tolerance work.					
7. Visualisations derived from BIM models (e.g. augmented and mixed reality, wearable headsets overlay a virtual model onto what the user can see in the real world).					
8. Error-free BIM design data transferred directly to factory equipment (e.g. Installation information and Product Data Templates)					
9. Tools to optimise design, planning and installation solutions (e.g. bulk material calculator and product selection).					



Error Reducing Digital Engineering Questionnaire

Section 3 - Error-reducing digital procurement

This section asks you to consider how digital procurement has been used to engage the supply chain in error reduction through for example collaborative planning, digitally enabled systems integration and cloud computing.

Error Reducing Digital Engineering Questionnaire

3	Low Adoption (One-off use e.g. <5% of projects)	Moderate (A few early adopters e.g. <20% of projects)	Half (Good proportion e.g. <50% of projects)	Majority (widespread adoption e.g. <80% of projects)	Full Adoption (mandatory e.g. 100% of projects)
12. Vertical integration that includes single firm ownership of the supply chain through for example a full assembly factory.					
13. Collaborative planning and procurement that empowers the specialist supply chain for design for manufacture and assembly.					
14. Procurement 4D sequencing to coordinate the process by which components are designed, manufactured and assembled.					
15. Configurator platforms that apply early standards, rules, bills of materials and costs and manufacturing and assembly constraints.					

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Error Reducing Digital Engineering Questionnaire

Section 4 - Error-reducing digital manufacture/sub-assemblies

This section asks you to consider the to what extent your organisation is applying modern methods in design for manufacture and assembly or industrialised manufacture and automation of processes.

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Error Reducing Digital Engineering Questionnaire

4	Low Adoption (One-off use e.g. <5% of projects)	Moderate (A few early adopters e.g. <20% of projects)	Half (Good proportion e.g. <50% of projects)	Majority (widespread adoption e.g. <80% of projects)	Full Adoption (mandatory e.g. 100% of projects)
18. Component-led design that uses a proven component or material design to facilitate installation that reduces error					
19. Error-minimising components that can only be installed the correct way					
20. Pre-assembly of elements in the factory to prove correct fabrication					
21. Offsite manufacture in a stable and safe factory environment to deliver a consistent and predictable operation and quality					
22. Prototyping / design-production checks before scaled manufacture using mobile devices and laser scanning to check production units in comparison to design					

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Error Reducing Digital Engineering Questionnaire

- Section 5 – Error-reducing smart construction sites
- This section asks you to consider the application of on-site technologies to reduce error, such as smart sites, drones, computer numerical control, 3D printing, automation, augmented reality and digital skins.
- The various examples are provided on the GIRI website – www.link)

Error Reducing Digital Engineering Questionnaire

5	Low Adoption (One-off use e.g. <5% of projects)	Moderate [A few early adopters e.g. <20% of projects]	Half (Good proportion e.g. <50% of projects)	Majority (widesprea d adoption e.g. <80% of projects)	Full Adoption (mandatory e.g. 100% of projects)
25. On-site controlled environments to enclose a onsite environment for manufacture or training.					
26. Digitally supported site supervision and quality monitoring to allow mobile checklists for inspections of work on site (e.g. photographs and test plans).					
27. BIM object links to web pages or QR codes giving task-specific guidance or animations to ensure work is completed correctly.					
28. Simulator videos to show how onsite tasks should be done correctly.					
29. Simplified construction information tailored to specific tasks (e.g. dimensioned drawings and reduced jargon).					
30. Automation / robotics to reduce the need for site-based workers (e.g. to reduce hazardous working).					
31. Clean construction practices that for example minimise contamination.					
32. Sensors and cameras to provide real time information (e.g. infrared images of heat loss/ dimensional surveying).					
33. Remote observation of production by the main contractor					

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Error Reducing Digital Engineering Questionnaire

Section 6 – Priorities for investment in error-reducing technologies

This section asks you to consider which technologies are most effective in reducing error and increasing productivity.

Error Reducing Digital Engineering Questionnaire

6

38. These digital technologies will eradicate <u>ALL</u> rework and all defects (e.g. rather than 20% of project value there will be Zero rework and Zero defects)	Strongly disagree	Disagree	Neither agree or disagree	Agree	Strongly agree	Don't know
39. These digital technologies will eradicate <u>HALF</u> of all rework and defects (e.g. 10% of project value)	Strongly disagree	Disagree	Neither agree or disagree	Agree	Strongly agree	Don't know
40. These digital technologies will only <u>PARTIALLY</u> eradicate rework and defects (e.g. under 5% of project value)	Strongly disagree	Disagree	Neither agree or disagree	Agree	Strongly agree	Don't know

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Error Reducing Digital Engineering Questionnaire

Programme

- Issue by end of January
- Responses by end of February
- Results review, report and planning next steps by mid March

Questions

A large concrete dam with a crack and a stream of coins flowing out. The dam is made of grey concrete blocks. A small white control room is visible on the top left. A crack runs diagonally across the dam, and a stream of glowing blue coins flows out from the crack. The background is a dark, textured wall.

CITB Funded Productivity Training

GIRI

Key Statistics

Delivery of 128 courses to 918 attendees from over 60 companies

£278,602 funding claimed / paid from CITB to date
(£37,998 to be claimed in January 2020)

£200,567 of 'benefit in kind' funding from participating companies

Training courses to be approved by CITB for grant purposes in April 2020

Key Achievements

Development of seven training course (plus associated Train the Trainer courses);

- Strategies to eliminate error for leaders of construction organisations
- Strategies to eliminate error for leaders of construction projects (Part 1 & 2)
- Avoiding construction errors at interfaces (Part 1: Collaboration during development/delivery & Part 2: Designing for construction)
- Reducing error on construction sites (Part 1: Supervision skills & Part 2 Planning skills)
- <https://getitright.uk.com/courses>

Production of marketing brochure

- <https://getitright.uk.com/resources/giri-training/giri-training-information>

The Golden Thread



CITB Recognised Product

GIRI are liaising with CITB with a view to facilitating:

- CITB Approval of courses as 'Recognised Products'
- Recognition of GIRI Training & Consultancy (GTC) as the appropriate third-party organisation in relation to the accreditation of the courses and Training Providers (both external providers and in-house trainers)

Training Delivery

Three models for delivery of training:

- GTC deliver training direct (Model 1)
- GTC train GIRI approved training providers to deliver training (Model 2)
- GTC train GIRI approved in-house Trained Trainers to deliver training (Model 3)

GTC apply to CITB to become an Approved Training Provider (ATO)

Third Party ATOs (External Providers / In-House Trained Trainers) to be accredited by GTC to ensure training is of an appropriate standard and delivers the GIRI message correctly

Training Delivery – Existing In-House Trained Trainers

- Existing In-House Trained Trainers will continue to be able to deliver training out-with GIRI accreditation in short term
- Organisations to apply to GTC for accreditation to deliver training once accreditation scheme for CITB Recognised Products set up

GIRI Training & Consultancy – Legal Agreements

GIRI Training & Consultancy set up on 30/9/19

Business Plan for GTC agreed by GIRI Board on 23/9/19

Memorandum of Understanding and Licence for use of training materials agreed in principle between GIRI and GTC

Draft Shareholder Agreement and Articles of Association for GTC circulated on 20/12/19

GIRI Training & Consultancy – Arrangements

GIRI to hold 25% shareholding in GTC

GIRI to have non-executive director on GTC Board

GIRI to control direction of future training

GIRI Training & Consultancy – Scale Up

The Scale Up will involve:

- Develop Scheme rules, processes and procedures for managing the delivery of training to ensure standardisation and quality of training is maintained
- Develop and implement an accreditation process for External/Trained Trainers
- Develop course for operatives/new entrants (long term)

GIRI Training & Consultancy – Scale Up

Funding for the Scale Up will come from:

- GIRI £20,000 Grant
- Income from Transition Courses
- Hopefully Further CITB Funding

GIRI Training & Consultancy – Scale Up Courses

Current interest in courses (either direct delivery by GTC and/or through accredited External / Trained Trainers) from:

Balfour Beatty, BAM, Berkeley, Bouygues, Brymor, Foster & Partners, Galliford Try, Heathrow Airport, Hochtief, Hopkins Homes, Kier, Morgan Sindall, Network Rail, Royal Engineers, Sunninghill Construction & Wates

GIRI Training & Consultancy – Launch Event

Being planned for April 2020 following:

- CITB approval of training courses for grant purposes
- CITB issue of interim Evaluation Report on Productivity Training

To express interest in participating in Scale Up courses contact:

rachel.hogarth@giritraining.co.uk

<https://getitright.uk.com/resources/giri-training/giri-training-information>

2020 Programme

Working together to eliminate error,
by Industry, for Industry.

Future Seminars and Workshops

- Wednesday 22nd January Magic Mirror Lean Construction Ireland Webinar
- Monday 10th February Zurich Round table
- Monday 2nd March ICE, Great George Street
- Tuesday 17th March ICE, Thames Valley Region
- Thursday 26th March HAWCE Seminar
- Wednesday 1st July Quality in Construction Summit
- Monday 6th July ICE Great George Street

Future GIRI Members' Meetings

- Monday 20th April
- Monday 13th July (Annual Review)
- Monday 12th October

Thank You for Your Support

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