The Get It Right Initiative Online Members' Meeting

Thursday 25th February 2021

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

GIRI

Get It Right Initiative

getitright.uk.com @GIRI_UK @GIRI

Tom Barton

1949-2020

AGENDA

- Welcome and Executive Director's report
- The way forward
- Presentation: The Construction Data Trust

BREAK

- GIRI aims & objectives – interactive workshop for members
- Update on GIRI training
- Design Guide progress
- Future events & wrap up

New members

- Ashe Group
- Ball & Berry
- Joseph Gallagher Ltd
- The Institute of Construction Management
- Mount Anvil
- Sisk
- Solibri

Get It Right Initiative members – February 2021

Communications update: website and newsletter

www.getitright.uk.com
Number of users and sessions in January both up 80% on same period last year

GIRI newsletter
Almost 1000 subscribers in total

Communications update: social media

GIRI LinkedIn page: 166% increase in followers since Feb 2020

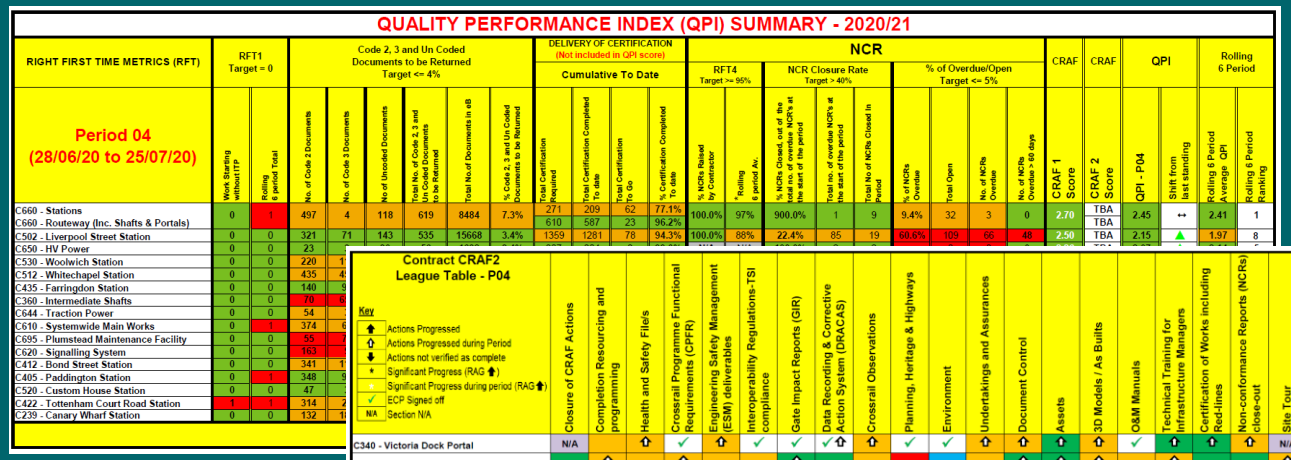
GIRI YouTube channel: 19 videos available, around 400 views/month

GIRI Twitter account: 37% increase in followers since Feb 2020

Communications – what now?

- Target internal communications channels within member companies to expand GIRI's reach
- New initiatives give GIRI a good peg for media coverage
- Part-time social media assistant focussing on promoting the GIRI message to a wider audience
- Working with Camargue to review GIRI's messaging

Error frequency ratio



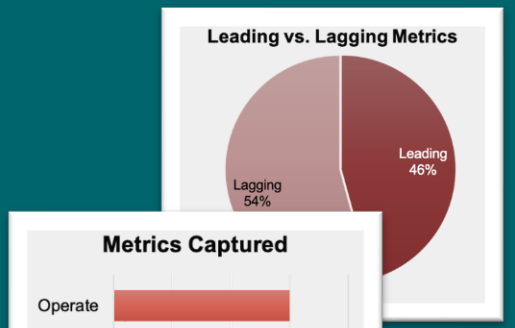
QUALITY PERFORMANCE INDEX (QPI) SUMMARY - 2020/21

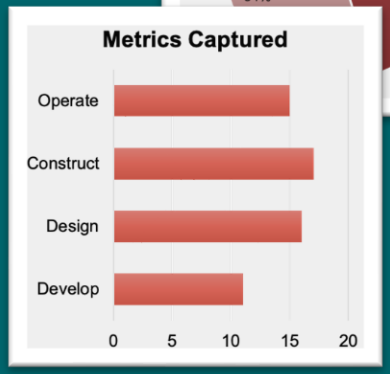
RIGHT FIRST TIME METRICS (RFT)	RFT1 Target = 0		Code 2, 3 and Un Coded Documents to be Returned Target <= 4%						DELIVERY OF CERTIFICATION (Not included in QPI score) Cumulative To Date				NCR RFT4 Target >= 95%		NCR Closure Rate Target > 40%			% of Overdue/Open Target <= 5%				CRAF	CRAF	QPI		Rolling 6 Period	
Period 04 (28/06/20 to 25/07/20)	Work Starting without ITP	Rolling 6 Period Total	No. of Code 2 Documents	No. of Code 3 Documents	No of Unicoded Documents	Total No. of Code 2, 3 and Un Coded Documents to be Returned	Total No.of Documents in eB	% Code 2, 3 and Un Coded Documents to be Returned	Total Certification Required	Total Certification Completed To date	Total Certification To Go	% Certification Completed To date	% NCRs Raised by Contractor	Rolling 6 period Av.	% NCRs Closed, out of the total no. of overdue NCR's at the start of the period	Total no. of overdue NCR's at the start of the period	Total No of NCRs Closed In Period	% of NCRs Overdue	Total Open	No. of NCRs Overdue	No. of NCRs Overdue > 60 days	CRAF 1 Score	CRAF 2 Score	QPI - P04	Shift from last standing	Rolling 6 Period Average QPI	Rolling 6 Period Ranking
C660 - Stations	0	1	497	4	118	619	8484	7.3%	271	209	62	77.1%	100.0%	97%	900.0%	1	9	9.4%	32	3	0	2.70	TBA	2.45	↔	2.41	1
C660 - Routeway (Inc. Shafts & Portals)									610	587	23	96.2%											TBA				
C502 - Liverpool Street Station	0	0	321	71	143	535	15668	3.4%	1359	1281	78	94.3%	100.0%	88%	22.4%	85	19	60.6%	109	66	48	2.50	TBA	2.15	▲	1.97	8
C650 - HV Power	0	0	23																								
C530 - Woolwich Station	0	0	220	1																							
C512 - Whitechapel Station	0	0	435	4																							
C435 - Farringdon Station	0	0	140	9																							
C360 - Intermediate Shafts	0	0	70	8																							
C644 - Traction Power	0	0	54																								
C610 - Systemwide Main Works	0	1	374	6																							
C695 - Plumstead Maintenance Facility	0	0	55	2																							
C620 - Signalling System	0	0	163																								
C412 - Bond Street Station	0	0	341	1																							
C405 - Paddington Station	0	1	348	9																							
C520 - Custom House Station	0	0	47																								
C422 - Tottenham Court Road Station	1	1	314	2																							
C239 - Canary Wharf Station	0	0	132	1																							

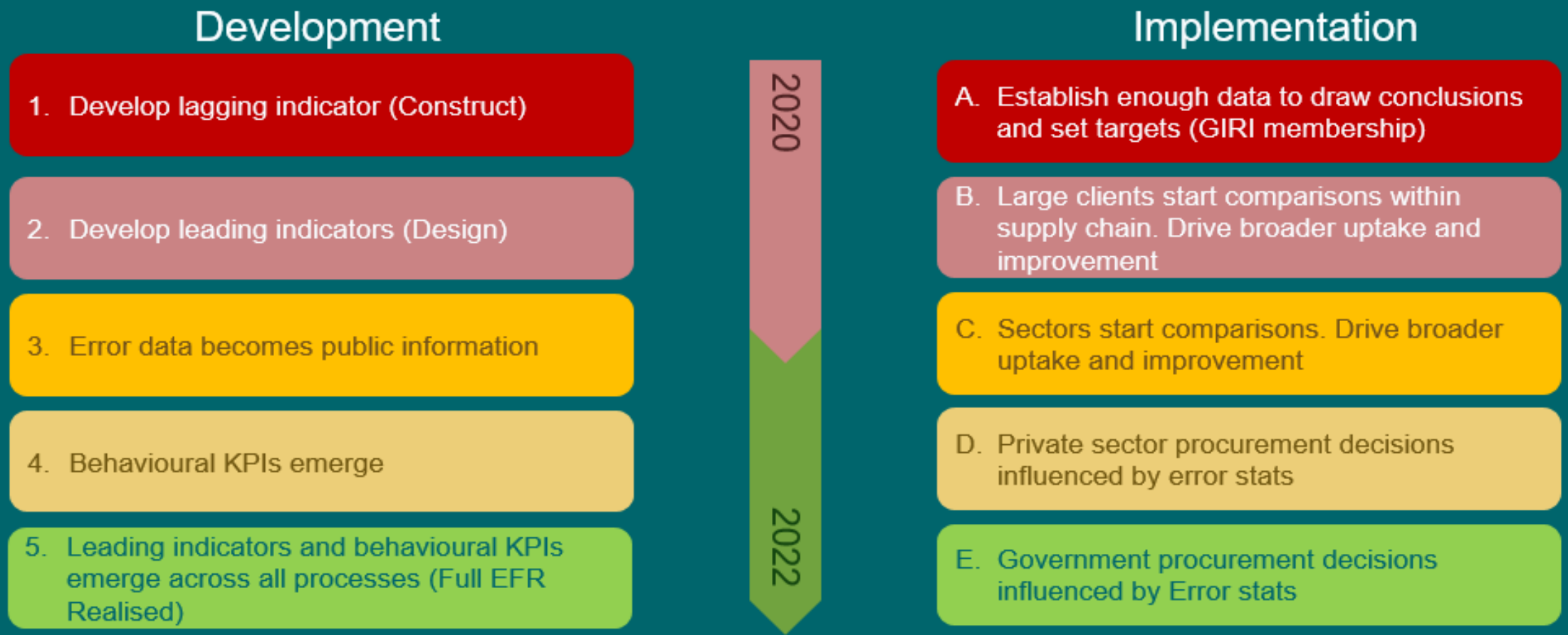
Contract CRAF2 League Table - P04

Key
- Actions Progressed
- Actions Progressed during Period
- Actions not verified as complete
- Significant Progress (RAG ⬆)
- Significant Progress during period (RAG ⬆)
- ECP Signed off
- N/A Section N/A

	Closure of CRAF Actions	Completion Resourcing and programming	Health and Safety File/s	Crossrail Programme Functional Requirements (CPFR)	Engineering Safety Management (ESM) deliverables	Interoperability Regulations-TSI compliance	Gate Impact Reports (GIR)	Data Recording & Corrective Action System (DRACAS)	Crossrail Observations	Planning, Heritage & Highways	Environment	Undertakings and Assurances	Document Control	Assets	3D Models / As Builts	O&M Manuals	Technical Training for Infrastructure Managers	Certification of Works including Red-lines	Non-conformance Reports (NCRs) close-out	Site Tour	CRAF2 Original Score	CRAF2 Current Score	SHIFT	% CRAF Actions Verified as Completed
C340 - Victoria Dock Portal	N/A		⬆	✓	⬆	✓	✓	✓⬆	⬆	✓	✓	⬆	⬆	⬆	⬆	✓	⬆	⬆	⬆	N/A	1.84	2.69	▲	88%
C435 - Farringdon Station		⬆		⬆			⬆						⬆	⬆	⬆		⬆			⬆	1.81	2.06	▲	30%
C360 - Intermediate Shafts		⬆				⬆			⬆	⬆	⬆					⬆	⬆			⬆	1.62	1.87	▲	42%
C336 - Paddington New Yard	N/A		✓	✓		✓		✓		✓	✓				✓						1.82	1.82	↔	
C620 - Signalling System		⬆	⬆	⬆	⬆		⬆	⬆		N/A	⬆				⬆			⬆	⬆		1.38	1.63	▲	29%
C631 - Platform Screen Doors										N/A	N/A	N/A					✓				1.61	1.61	↔	
C644 - Traction Power																					1.58	1.58	↔	
C520 - Custom House Station											✓						✓				1.37	1.37	↔	
C610 - Systemwide Main Works		⬆																	⬆		1.17	1.17	↔	2%
C695 - Plumstead Maintenance Facility		⬆				N/A		⬆	⬆				⬆							⬆	1.15	1.15	↔	13%
																				Programme Average:	1.54	1.70	▲	34%

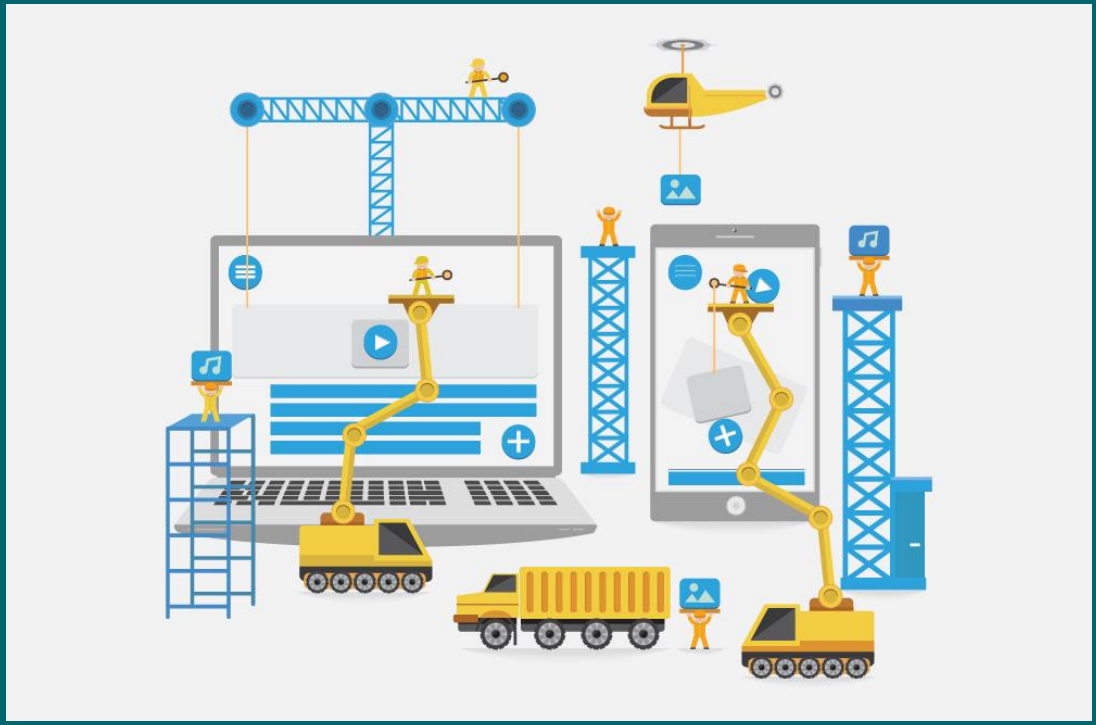






Error Frequency Ratio

Harnessing technology to eliminate error



Reflections

Strategic aim of GIRI

To improve construction productivity & quality, and reduce costs & waste by eliminating error.

What now?

- Coming out of lockdown – what has changed?
- The climate crisis and the role of error reduction
- Getting it right first time to reduce waste
- Skills and competency – a legal requirement?

Strategic Leadership Group

Remit:

To provide thought leadership and to champion the message of the Get It Right Initiative

SLG members

Alastair Hitchcock	*Head of Engineering, Phase 2*, HS2
Paul Lowe	*Partner*, Weightmans
Emer Murnaghan	*Head of Responsible Sustainable Business,* Graham
Ed McCann	*Senior Director*, Expedition Engineering and *Vice President*, ICE
Sarah Williamson	*Civil Programme Director*, Sizewell C
Mark Hansford	*Director of Engineering Knowledge,* ICE

Cliff Smith
Chief Executive
GIRI Ltd

Strategic Leadership Group

GIRI Board

Working groups

- Governance
- Error Frequency Ratio
- Design
- Technology
- GTC & Training

Staff

- Accountant
- Admin assistant
- Communications manager
- Research
- GIRI Training & Consultancy

GIRI

Other GIRI initiatives

- Zero Error Tiger Team programmes for major clients
- Project start-up workshops to be offered by GTC
- Member-focused workshops
- Assisting CIRIA with in situ concrete guide
- Strengthening links with ADM, SCS, CQI and CIOB

Construction Data Trust

Presentation by Grant Findlay and Gareth Parkes

GIRI
Get It Right Initiative

Construction Data Trust

Construction Data Trust

Enabling collaboration through data

A presentation by
Grant Findlay, Strategy Director
Gareth Parkes, Head of Data and Analytics

Sir Robert McALPINE

But first…what is a data trust?

- A legal structure
- Provides independent stewardship of data
- Ensures data is used for an agreed purpose
- Helps deliver the benefits of better data access
  - Enabling collaboration
  - Creates new products
  - Delivers fresh insights
- Construction Data Trust founded 2020

So…what are our challenges?

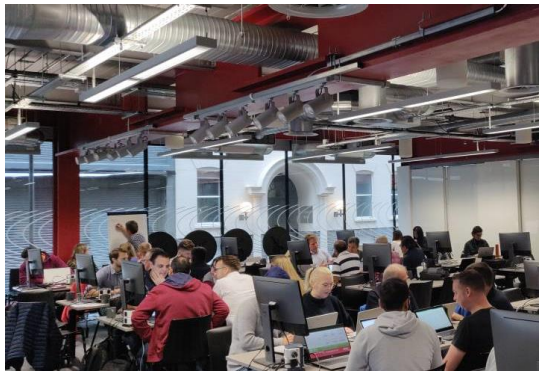
- **Industry performance could be better**
- **Knowledge transfer is weak**
- **Post COVID-19 the way we work has changed forever**
- **Data is common but we lack the mechanism to share**
- **Once in a generation chance to ‘Build Back Better’**

Case study 1:
“Safety Steve” – health and safety observation collection made easy via a phone app

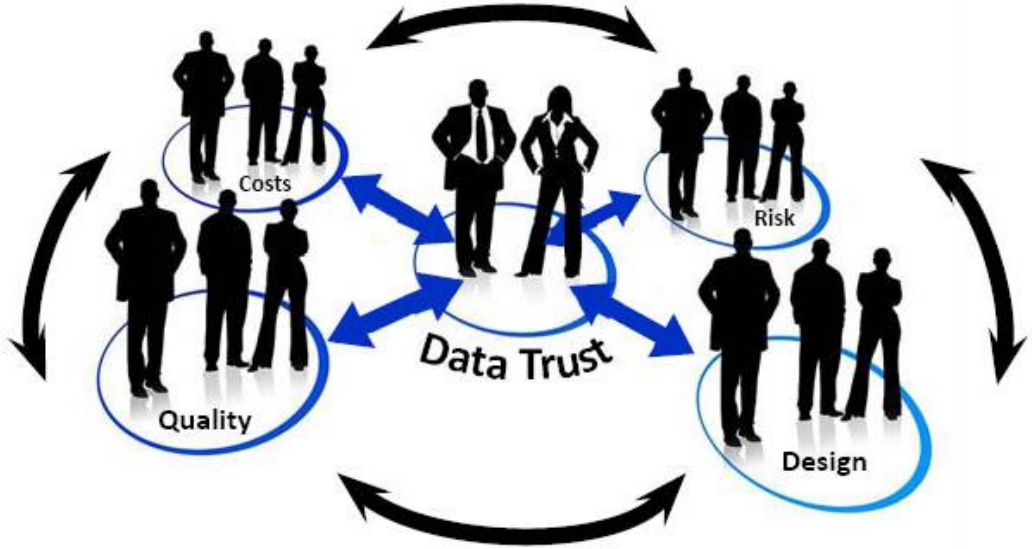
- Easily collect information rich observations from anyone on site
- Doesn’t matter which words you use, this tool categorises them against pre-defined filters
- Records observations in real-time, avoiding slow paperwork
- Demonstrates standardised data capture can benefit the industry

Case study 2:
"Errorless" - App for eliminating errors when citing standards

- Enables 100% of specifications to be ‘read’, rather than spot checks
- Summarises risks, for quick navigation
- Colour-codes and highlights different types of risk/error
- Enables the user to make quick, risk-based decisions



Moving away from splendid isolation



- Data collated and shared can deliver great solutions
- Organisations that share data will get ahead
- Engaging means solving complex problems quickly

Finally… the vision we want to leave you with

- The Construction Data Trust can be transformational
- Collaborative, historic project data will shape future projects
- Data sharing could release £7bn of benefits across UK infrastructure
- We will drive insights from data that would otherwise have been impossible
- Access to this data help innovators drive new capabilities
- We facilitate a common approach: we want you to be part of it

Construction Data Trust

Questions...?

For more information visit:
www.datatrust.construction

Break

GIRI aims & objectives – an interactive review

Led by Nick Francis of GIRI Training & Consultancy

Design Guide - update

Get It Right Initiative

A Guide to Improving Value
by Reducing Design Error

Get It Right Initiative
Design Guide — Twelve Stages

Getting the Design Right

Improving Value by Reducing Design Error

1 Culture
Every project needs a clearly defined intent, a consistent focus on outcomes and the project team to work seamlessly together and adopt the process of back-briefing.

2 Increased Investment
Increased investment in design reduces project error.

3 Robust Approach
A clearly defined and well managed design process should be established at the start of a project, and involve all key members of the project team.

4 Collaboration
Every project will benefit from collaboration, and effective collaboration will lead to more successful projects with fewer errors. It is up to clients and leaders across all disciplines to act to enable collaboration to take place. The adoption of a Partnering Charter should be a key goal at the start of any project.

5 Plan
Develop a comprehensive project specific plan of work.

6 Brief
The briefing process is fundamental in defining Client needs and expectations, and requires sufficient time to be completed in collaboration with all relevant parties.

7 Information
Correct and well communicated design information is integral to successful communication between Designers, Clients and Contractors.

8 Stakeholder Management
Time invested in understanding stakeholder needs and the Client's sign-off and approval process is never wasted.

9 Opening Up & Closing Down
Opening-Up' and 'Closing Down' a project allows for all creative thinking and key decision making to be carried out and completed in good time prior to preparation of subsequent production information. This reduces the necessity for change and hence the opportunity for errors.

10 Contractor Input
All projects, regardless of the form of contract or procurement, would benefit from Contractor advice at the design stage. This should be encouraged and would lead to a reduction in design errors.

11 Handover
If a comprehensive set of information is produced at the handover stage and communicated and reviewed effectively, then the design is less likely to be misinterpreted, resulting in fewer errors.

12 Guiding the Design Team
Introduction of an Independent Principal Consultant as the 'controlling mind' for design development is critical to ensure that design-related communications are robust, co-ordinated, and well managed.

GIRI

Get It Right Initiative

getitright.uk.com @GIRI_UK @GIRI

Next steps

- Working group to review text and propose modifications
- Text to be updated to create a consistent tone and structure
- New version of Design Guide to be launched Q3/4 2021
- Video to be created to support launch and messaging of Guide

Q&A session

Future events – GIRI forums

- 8 March: *The climate crisis: What is GIRI's role, and how can we respond?*
- 29 March: *After Grenfell: How should GIRI respond to the Hackitt Report and Building Safety Bill?*

Visit www.getitright.uk.com for full details

Future events – organised by partners

- 10 March: *Rebuilding 2021 - a new approach to insurance risk and use of new technologies.* Hosted by Weightmans.
- 17 March: *Improving quality, productivity and reducing waste in construction.* Hosted by CQI London.
- May 2021 onwards: new '*insurance insight*' webinars with Zurich Insurance.

Visit www.getitright.uk.com for full details

Conclusion

- Get our message to leaders - higher profile for getting it right
- Help us to address Judith Hackitt's frustrations
- We need less talking and more action
- How can we support our members to act now?

THANK YOU FOR TAKING PART