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WEEK | 2018
9-11 OCTOBER | NEC | BIRMINGHAM



The background image is a composite. It shows a large, grey concrete dam with a walkway and a small white control building on top. Water is cascading over the right side of the dam. Overlaid on the bottom right of the dam is a stream of numerous gold coins falling down, creating a visual metaphor for investment or success.

Get It Right Initiative

Attitude, Culture, Leadership & Planning

Ed McCann

Director, Expedition Engineering

Vice President, ICE

Founding Member, The Get It Right Initiative

getitright.uk.com @GIRI_UK

A large iceberg floats in a deep blue ocean under a clear sky. The visible tip of the iceberg is small and jagged, while the submerged portion is much larger and more complex in shape. The text '£22bn a year.' is superimposed in yellow over the submerged part of the iceberg.

£22bn a year.

Initial research findings: Wasted spend on error

Direct costs of error (5%)

resources used in correcting an error

Indirect costs of error (7%)

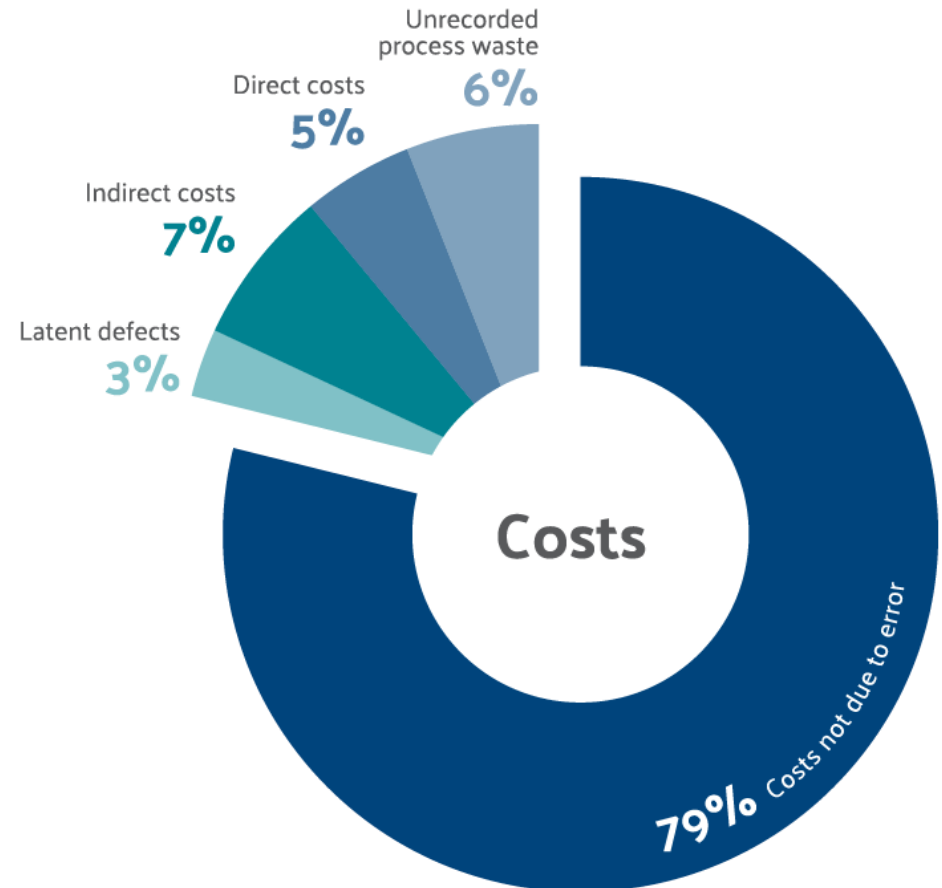
Resources used in follow on work and costs to other parties

Unrecorded process waste (6%)

Errors occur, are identified and corrected without being recorded

Latent defects (3%)

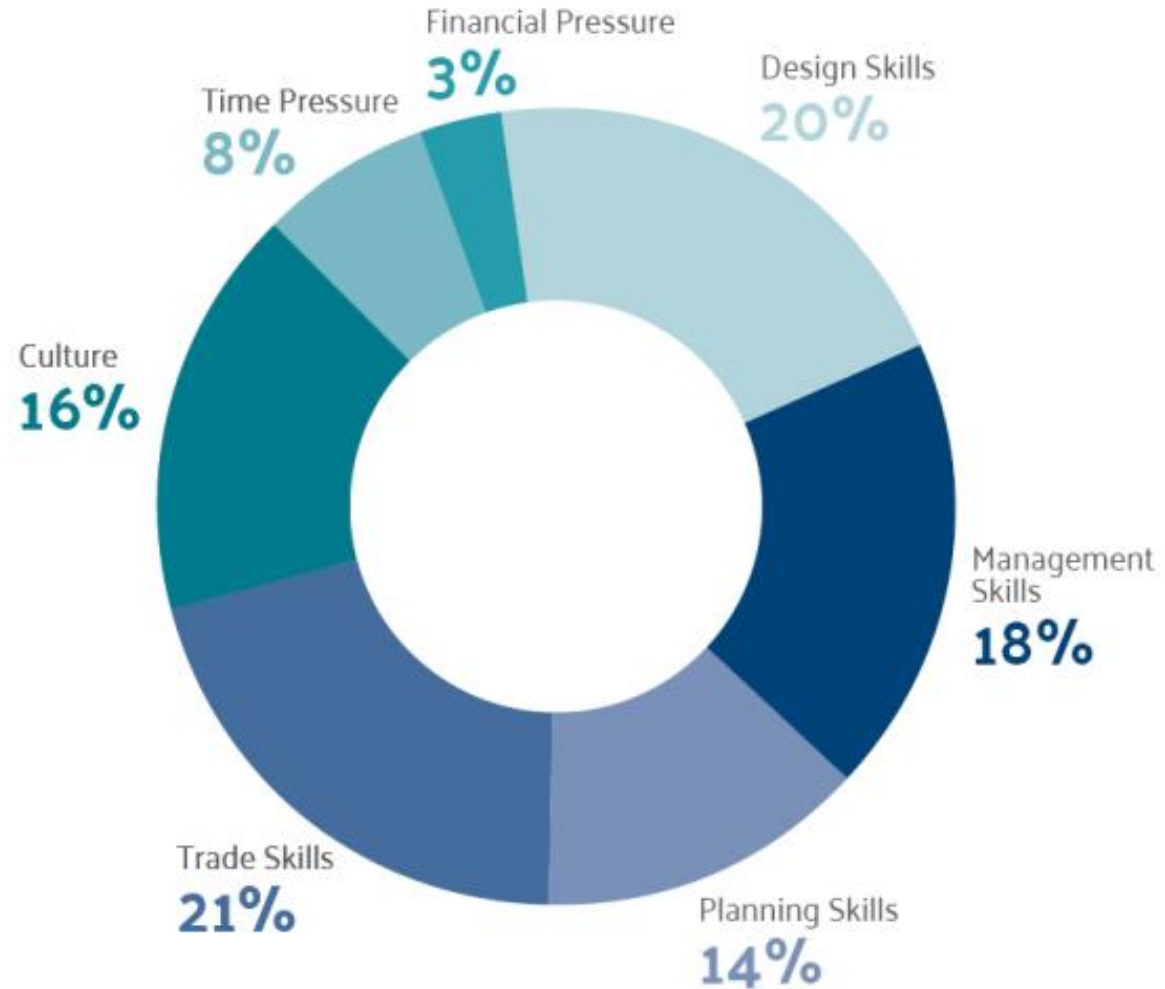
remain in place after client acceptance and any 'defects liability period' has passed



Root causes of error

- Inadequate planning (from task through to project level)
- Late design changes
- Poorly communicated design information
- Poor culture in relation to quality
- Poorly coordinated and incorrect design information
- Inadequate attention paid in the design to construction
- Excessive commercial (financial and time) pressures
- Poor interface management and design
- Ineffective communication between team members
- Inadequate supervisory skills

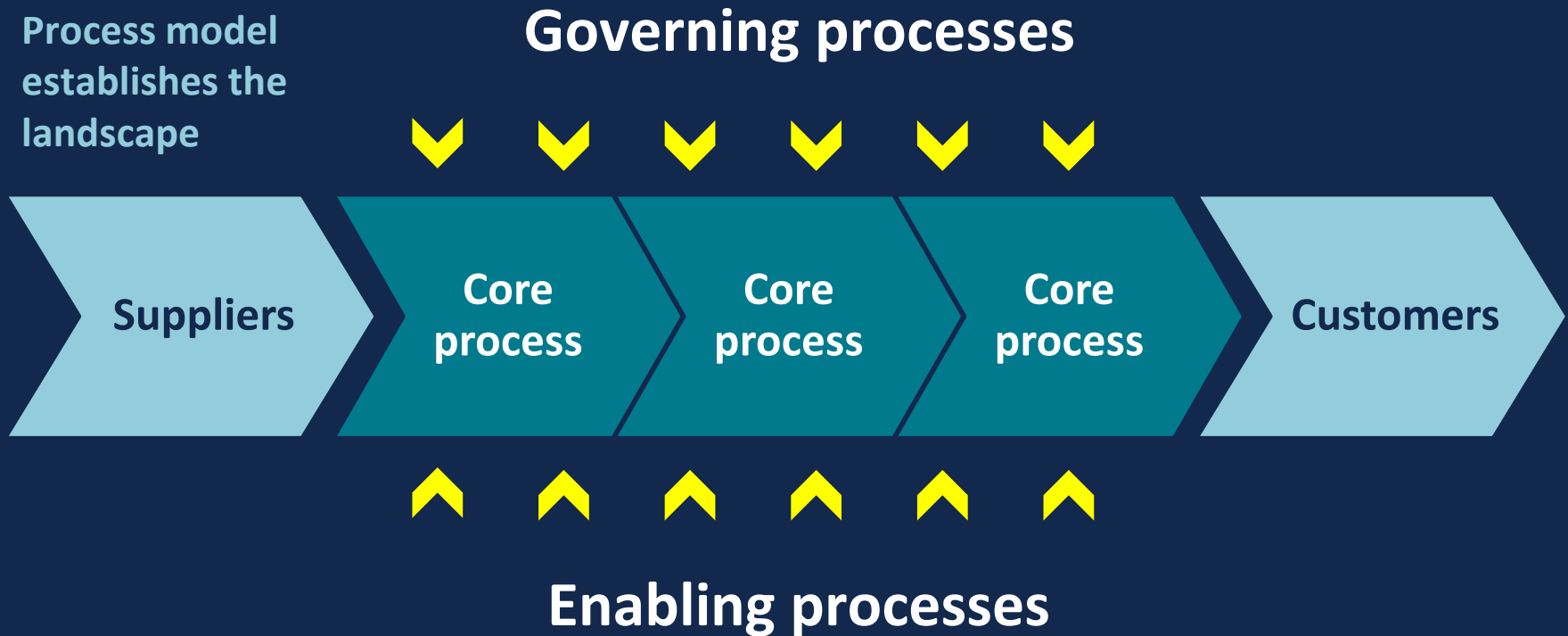
Investing to reduce error



Learnings applied

In pursuit of productivity

Focus on the core process



And use modern technology to improve it

GIRI Aims & Objectives

1. Skills Development Programme
2. Campaign to change & align attitudes
3. Improve management processes & systems
4. Improve construction technology & techniques

Progress so far

Campaign & Membership

Get It Right Initiative Members – June 2018

alinea

ARCADIS Design & Consultancy
for natural and
built assets

Balfour Beatty

bam
nuttall

**BENNETTS
ASSOCIATES**

Berkeley
Designed for life

British Gypsum
SAINT-GOBAIN

**BYRNE
BROS**

CAREYS
WE CARE

COSTAIN

expedition

GallifordTry

GRAHAM

HOARE LEA

HOCHTIEF

howden

ice
Institution of Civil Engineers

Imtech

KIER

mace

**MCL
&H**

**MOTT
MACDONALD**

NATTA

NetworkRail

NHBC
Raising Standards. Protecting Homeowners

PRATER
A Lindner Group Company

**Sir Robert
McALPINE**

SKANSKA

VINCI
CONSTRUCTION UK

Wates

Weightmans
Law is our business

WILLMOTT DIXON

Communications

- Website & Social media
- Webinars in the UK and Ireland with audiences also in the USA and Australia.
- Articles & news stories
- Press relationships
- Seminars & Workshops

Get it Right Initiative

Improving value by eliminating error

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Construction Errors Cost Billions

The Get it Right Initiative is a new organisation tackling avoidable error in the construction industry.

Our single aim is to significantly reduce error and its associated consequences, and our members are united to build a better UK Construction industry.

Email Us



Our members secured £300k CITB Funding

For essential training to improve industry culture and avoid error

[Find out more »](#)

The Issues

1. Direct cost of avoidable errors

Key international studies suggest that the direct costs of avoidable errors are in the order of 5% of project value. This equates to approximately £5bn per annum across the UK.

2. Total cost of avoidable errors



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GIRI_UK

@GIRI_UK

Construction errors cost the UK billions every year. Our initiative aims to address these issues and develop a strategy to minimise these errors. Join us.

United Kingdom

Joined April 2017

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Gareth David @GarethRDavid · Oct 5

Error can prove costly in the #construction industry. @GIRI_UK is looking to tackle avoidable error



Construction Journal June-July 2017

How do you manage your business when errors occur? This edition covers an initiative called Get it Right, which has looked at ways to reduce the estimated annual bil...
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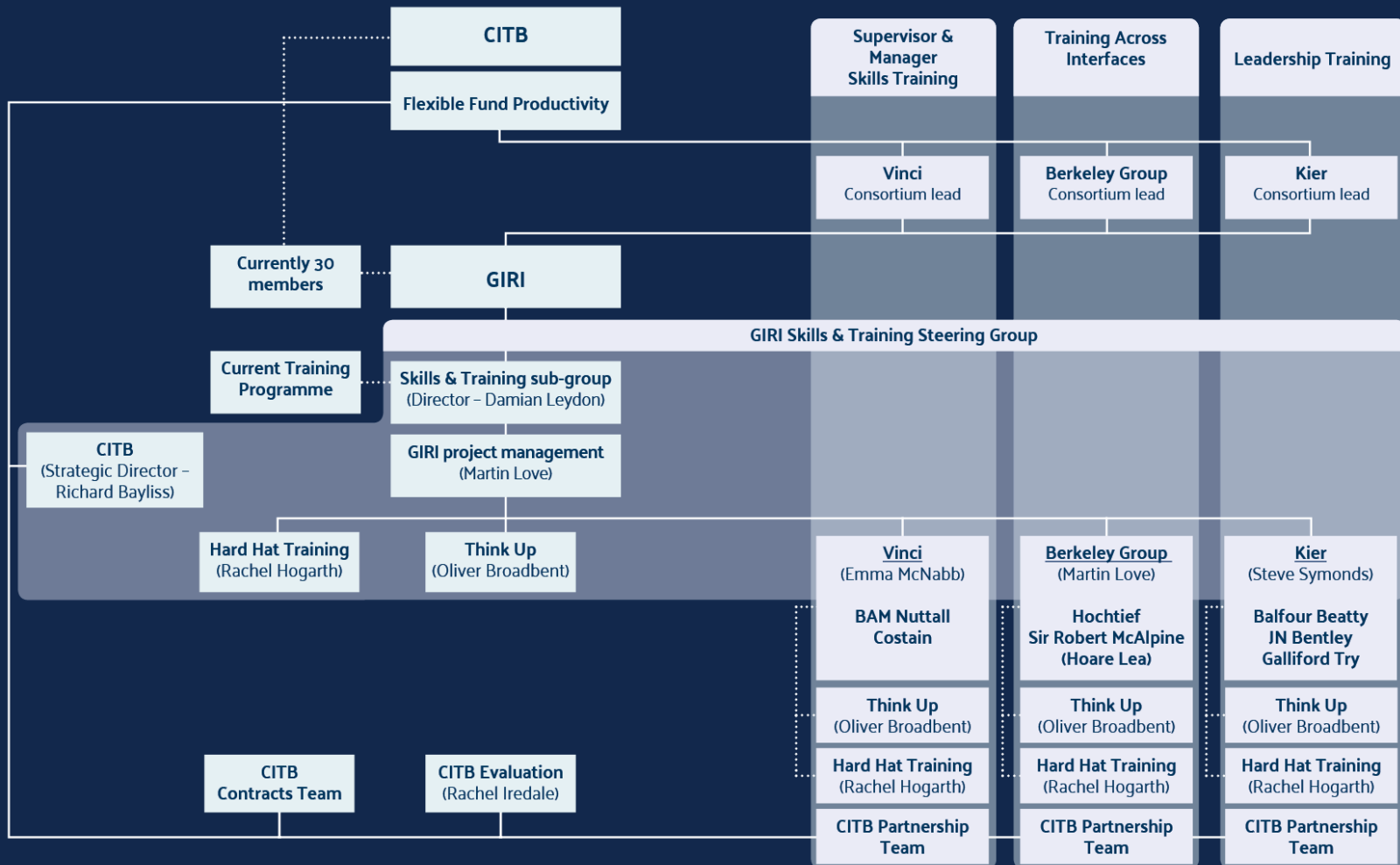
Progress so far

Skills development

Avoidable Errors Workshop



CITB Productivity Flexible Fund Works: Funding / Contract Structure



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Get It Right Initiative



CITB Productivity Flexible Fund Works

£314,176 of funding from CITB

£158,176 Contribution in Kind from consortium members

All works to be facilitated through GIRI over 18 months
(six 3-month development sessions)

Training Across Interfaces

Led by Berkeley Home

Consortium members – Berkeley Group, Hochtief & Sir Robert McAlpine;
supported by Hoare Lea & Bennetts Associates

CITB Funding - £103,891

Contribution In Kind - £48,441

Dealing with error at interfaces:

- 1) overview for people involved with different project phases.
- 2) more detailed training for people planning and designing the interfaces.

Supervisor & Manager Skills Training

Led by VINCI

Consortium members – VINCI, BAM Nuttall & Costain

CITB funding - £115,945

Contribution In Kind - £66,151

To design and deliver an industry-recognised and accredited modular training programme for frontline supervisors and managers which will lead to error reduction and prevention through:

- 1) Improved planning and re-planning skills
- 2) Improved decision-making skills
- 3) Improved supervisory/ management/ communication skills
- 4) Improved quality control via meaningful use of testing and inspection plans

Leadership Training

Led by Kier

Consortium members – Kier, Balfour Beatty, JN Bentley & Galliford Try

CITB Funding – £94,340

Contribution In Kind - £43,584

To develop training for organisational and project leaders to develop leadership around error avoidance. The training will be delivered to two different audiences, one is leaders within a single organisation, and the other is multi-organisation project leadership teams. In general the workshops will cover:

Consider potential errors in design, procurement & construction

Examine root causes of error/ early identification/ how to avoid

Project specific – no. of projects to be agreed/ identified

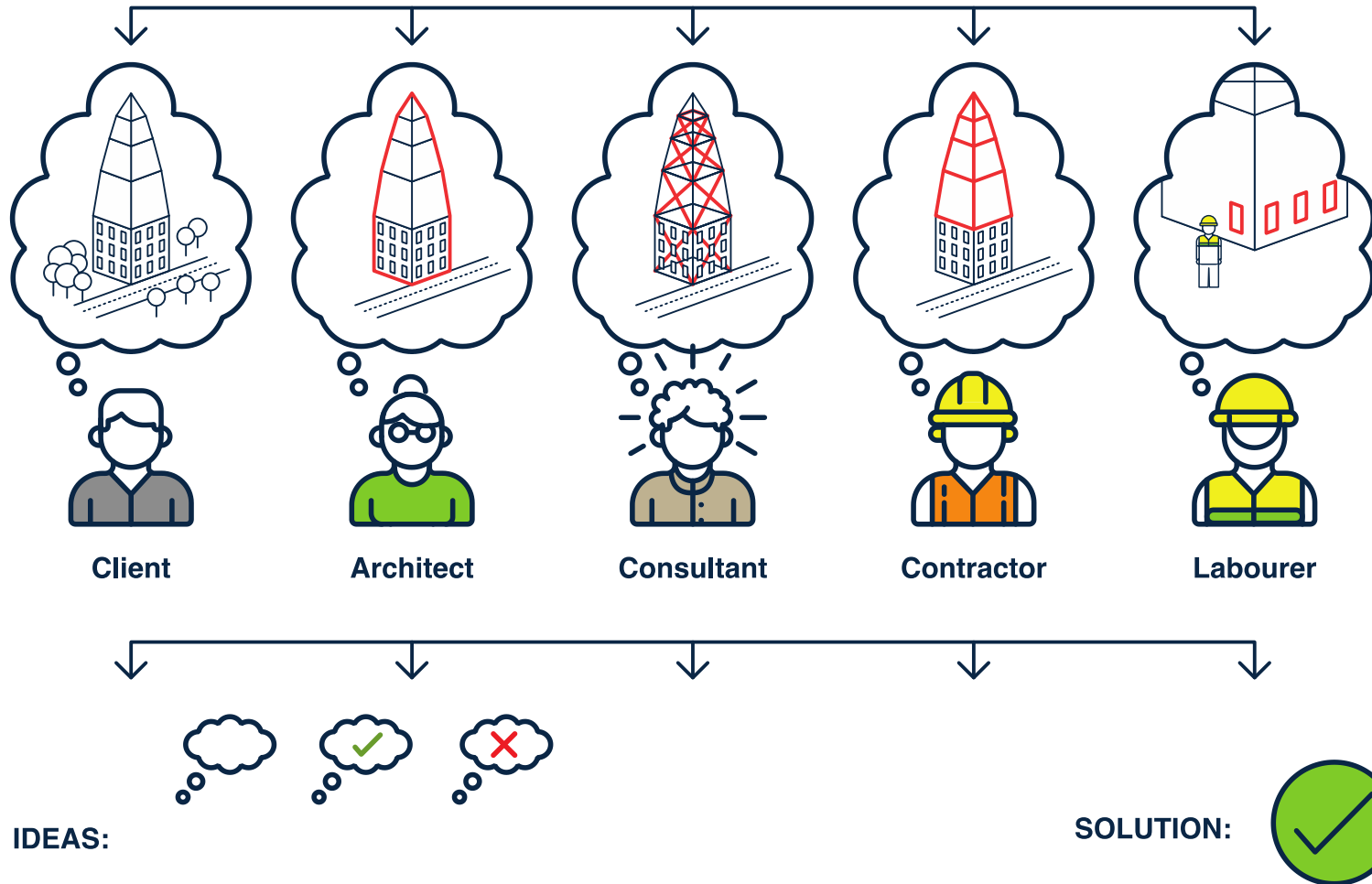
Result in identification of key risks and plan of action for the project to 'Get It Right'

Train leaders to create a culture of error avoidance

Review what commonly goes wrong on projects and ensure repetition of errors is avoided

Build trust, aid better communication and create a shared responsibility to one another to reduce error within the project

Training material



Progress so far

Process & Systems Design Working Group

Design Working Group – Areas of Study

Area 1: Appointing a team and planning a collaborative, coordinated design process with reviews at clearly defined milestones

Area 2: Clarifying client and other stakeholder needs early and ensuring these are reflected in design assumptions and ultimately design criteria

Area 3: Choosing, developing and detailing design options that meet design criteria and are buildable on time and on budget

Area 4: Producing design information that effectively communicates appropriate, correct information to the intended audiences

Design Workshops output: 15 point plan

A practical 'tool' - a set of 15 principles applicable to any construction project that increase the chance of a high quality outcome:

- 1 Design fees as an investment
- 2 One plan of work
- 3 Milestones and (mis)assumptions
- 4 The 'opening-up' stage – the value of not rushing ahead
- 5 Teams: getting the culture right
- 6 Needs, requirements, criteria, specs: a translation challenge
- 7 Briefs
- 8 Stakeholders
- 9 Contracts
- 10 Agreeing how to progress the design
- 11 Obtaining another perspective
- 12 Working collaboratively
- 13 Conducting the design team
- 14 Design information
- 15 Passing on the baton successfully

Progress so far

Process & Systems Technology Working Group

Technology Working Group – Research report

Harnessing Technology to Minimise Error

Research into Technology used in:

Offsite Manufacture

Standardisation

Improved Construction Processes

Error-Minimising Components

Automation

Next steps

What's needed now?

Next on the agenda

How Can Industry Improve its Quality Culture?

9th July, 10:00, Institution of Civil Engineers
1 Great George Street, London SW1P 3AA

The Get It Right Initiative, members and directorial team, are gathering for their annual review at the ICE to update the Industry on their Campaign and progress to date. The event will cover how the Initiative is developing its name within the Industry and provide an update on current activity including: training with the CITB, Design & Technology working group research, the launch of GIRI's 'Improving Value by Eliminating Error' Design guide.

Join us

Get It Right Initiative

Thank You

For more information about GIRI contact:

Tom Barton, Executive director

tom.barton@getitright.uk.com

info@getitright.uk.com

getitright.uk.com @GIRI_UK
