

Brex-IT: How to do IT

IT readiness for competitive advantage
“Pencil, Carrot & Stick”

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Events Director, ISACA London Chapter
Director, DSL Risk Management Consultancy



More questions than answers

A Why are we here?

B What does Brexit mean for us?

C What is the BCS good for?

D How can We help BCS
make IT good for Society?

E How can You help?

How can You help?

A BCS: Tell Dalim dalim.basu@bcs.org & BCS contacts
“I support Dalim and advise BCS to initiate
‘BCS Brex-IT Readiness Programme’ urgently”
PLUS one of B, C or D below:

B Case: Tell Dalim possible firms for case studies

C Intro: Introduce firms to Brex-IT and to Dalim

D DIY: Seek Dalim’s help to Do Brex-IT Yourself

Other IT Compliance & Readiness challenges

- 1 Y2K – Year 2000 date challenge
- 2 Cyber Essentials scheme (HM Government)
- 3 GDPR
- 4 And many others.... IT is used to changes



“The government will launch a **guidance & certification scheme** in June to help UK businesses get the basics of cyber security right.”

Computer Weekly May 2014

Includes Cyber Essentials **questionnaire** and optional penetration testing

“The government has worked with the [Information Assurance for Small and Medium Enterprises \(IASME\)](#) consortium and the [Information Security Forum \(ISF\)](#) to develop [Cyber Essentials](#), a set of **basic technical controls** for organisations to use.

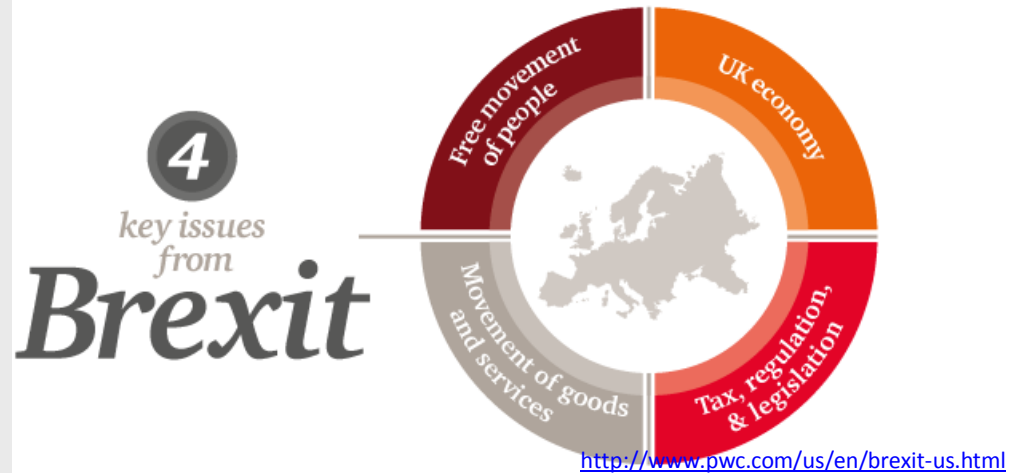
The full scheme, [launched on 5 June 2014](#), enables organisations to gain 1 of 2 new **Cyber Essentials badges**. It is backed by industry including the Federation of Small Businesses, the CBI and a number of insurance organisations which are offering incentives for businesses.”

<https://www.gov.uk/government/publications/cyber-essentials-scheme-overview>

Back to the Future



**After
decades
in the EU**



**To a new life for
UK, EU
and the world**



**“Brexit means Brexit”
said Theresa May
(many times) in 2016**

**“It is preferable that firms know as
much as possible about the desired
end point, and as early as possible
about the potential path to that end
point.”**

**30.11.2016 - Mark Carney,
Governor of Bank of England**

- ref Metro paper p6, 1.12.2016

BREXIT

Risk

Opportunity



**For IT, Brexit means RISKS,
but also many OPPORTUNITIES
e.g. competitive advantage for firms
that are demonstrably ready for Brex-IT**

Brex-IT Overview: Process & Results

Business functions & roles



Business functions & roles

10.P. Apply Actions

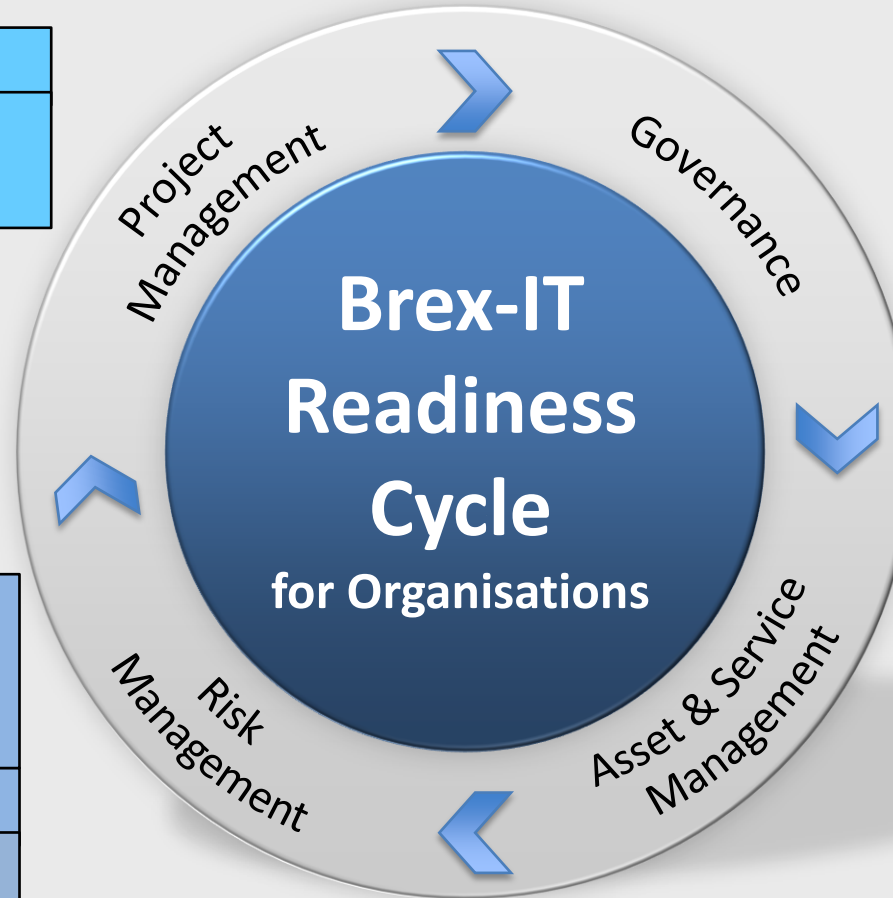
**11.P. Monitor &
Communicate**

**6.R. List relevant SLA,
KPIs, suppliers,
customers**

7.R. Identify Risks

**8.R. Assess Risks,
KRIs, Controls**

9.P. Plan Actions



**1.G. Review
Environment**

**2.G. Understand
Business
Objectives**

**3.G. Confirm
Responsibilities**

**4.A. Select Brexit
tools**

**5.A. Categorise
Assets &
Processes**

Brex-IT Process

A Register

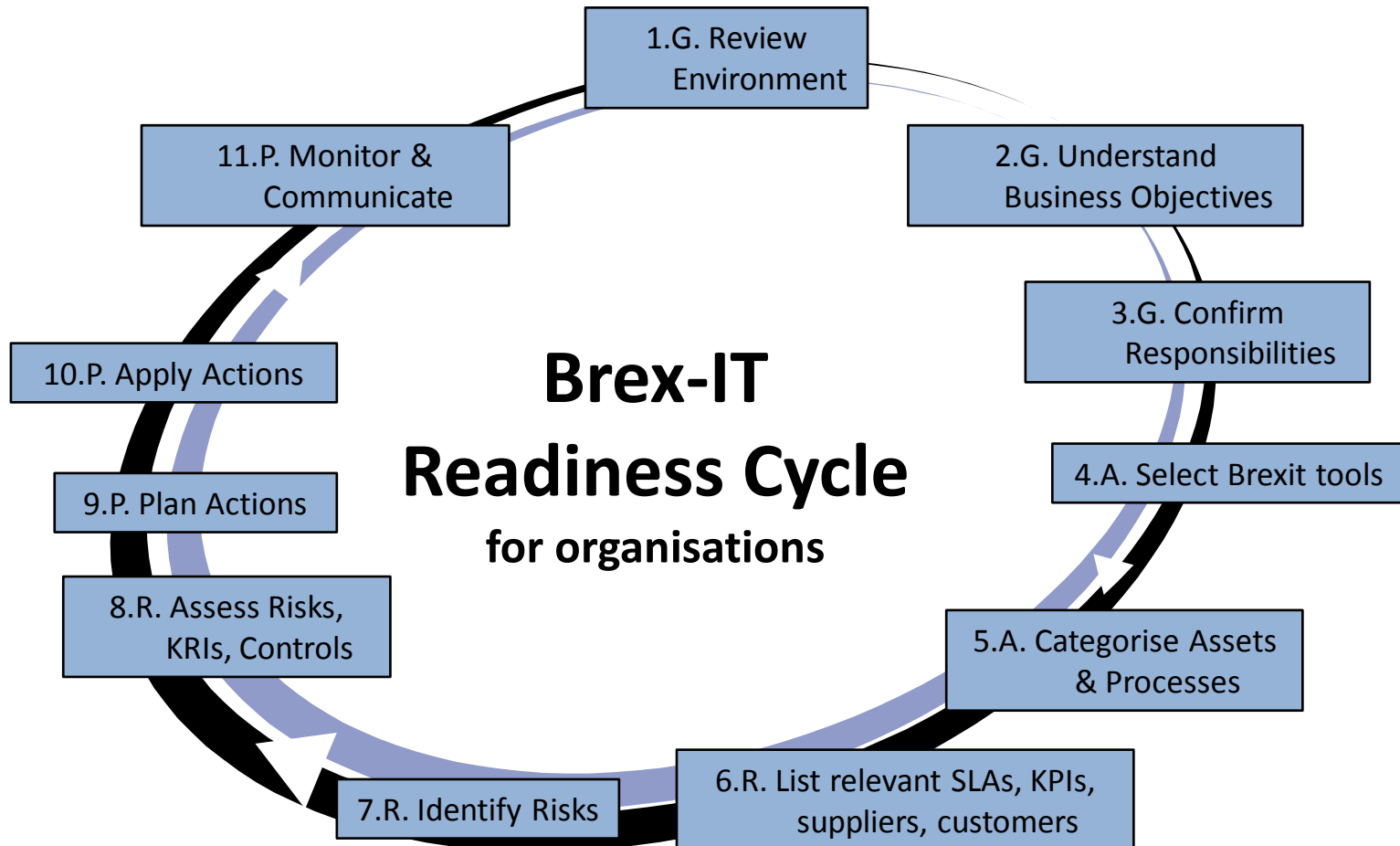
B Guidance

C Do it – perform activities (ongoing process)

D Status + Evidence (ongoing process)

E Tick

F Use it - Publicise



Brex-IT Guidance+Results template

a. PEOPLE

(Job functions responsible for this activity)

b. INFORMATION & PROCESSES

(Business/IT data & processes relevant to this activity)

c. TOOLS

(software/other tools which could be used for this activity)

d. DELIVERABLES

(resulting from this activity)

e. LINKS

(references to related information)

f. EXAMPLES

(sample screens)

11.P. Monitor & Communicate

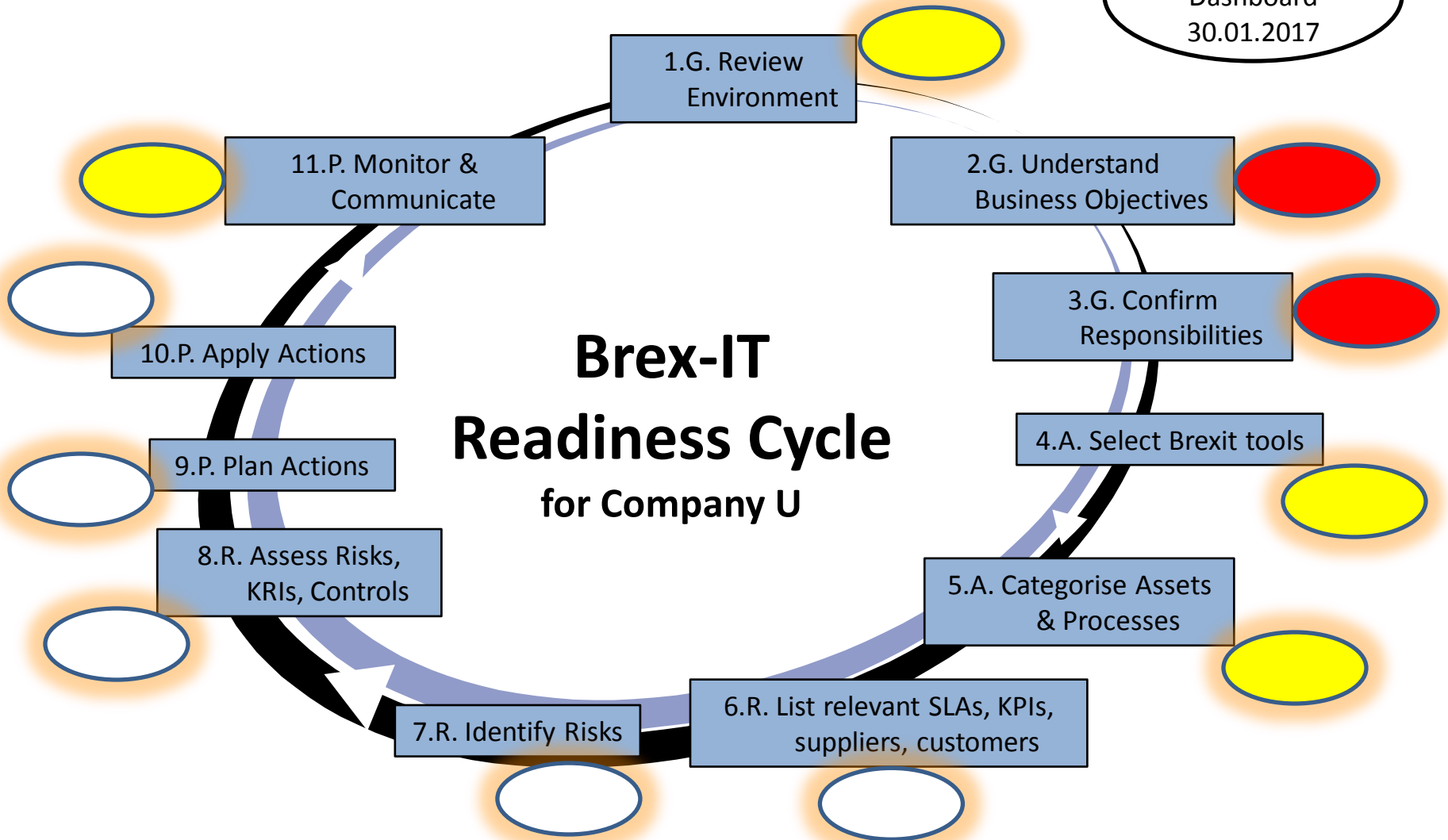
f. EXAMPLES

Step	Brex-IT Activity	White (not started)	Red {need urgent help}	Yellow (started, in hand)	Green (done, evidence available)	Date
1.G	Review Environment	Status notes	Status notes	Started by A.Bee of Business Analysis team on Jan 15th	Status notes	30/01/2017
2.G	Understand Business Objectives	Status notes	CEO on holiday till Feb 10th	Status notes	Status notes	30/01/2017
3.G	Confirm Responsibilities	Status notes	No job specs, roles unclear	Status notes	Status notes	30/01/2017
4.A	Select Brexit tools	Status notes	Status notes	IT team busy on other work	Status notes	30/01/2017
5.A	Categorise Assets & Processes	Status notes	Status notes	Numerous asset lists	Status notes	30/01/2017
6.R	List relevant SLAs, KPIs, suppliers, customers	Not started	Status notes	Status notes	Status notes	30/01/2017
7.R	Identify Risks	Not started	Status notes	Status notes	Status notes	30/01/2017
8.R	Assess Risks, KRIs, Controls	Not started	Status notes	Status notes	Status notes	30/01/2017
9.P	Plan Actions	Not started	Status notes	Status notes	Status notes	30/01/2017
10.P	Apply Actions	Not started	Status notes	Status notes	Status notes	30/01/2017
11.P	Monitor & Communicate	Status notes	Status notes	Started by C.Dee of Marketing	Status notes	30/01/2017

11.P. Monitor & Communicate

f. EXAMPLES

Status
Dashboard
30.01.2017



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“Pencil, Carrot & Stick”

Imagine...

Firm U's possible future advertising /email footer:

+++++



<Firm U> is getting IT ready with the
BCS Brex-IT readiness programme.



How about you?

+++++

or...



Brex-IT Overview: Activities

Brex-IT Activities (ask Dalim for detailed steps)

1.G

Review Environment

“Consider the big picture”

DELIVERABLES: central database / folders of relevant results.

2.G

Understand Business Objectives

“What are our business targets?”

DELIS (highlighting aspects that could relate to Brexit):

- Lists of business objectives
- IT objectives to support business objectives

3.G

Confirm Responsibilities

“Who is responsible for Brexit-related activities and assets?”

DELIS: Brexit-related roles/responsibility chart/list

Brex-IT Activities (ask Dalim for detailed steps)

4.A

Select Brexit Tools

“What could be used for asset management etc.?”

DELIS: - List of existing tools already available in our organisation
- List of further tools required.

5.A

Categorise Assets & Processes

^What could be impacted by Brexit, to what extent?”

DELIS: - List of relevant processes
- Asset register/lists showing Brexit-related categories e.g. country of supply/sale, cost/value now/future, importance to us.

6.R

List relevant Customers, Suppliers, SLAs, KPIs

“How could Brexit impact our business?”

DELIS: - Lists of relevant customers & suppliers showing Brexit categories e.g. country of supply/sale, importance, alternatives
- Lists of relevant SLAs & KPIs, showing period of validity.

Brex-IT Activities (ask Dalim for detailed steps)

7.R

Identify Risks

“What could impact our business progress?”

DELIS: - Lists of IT risks relating to business risks, showing their relative business importance /impact.

8.R

Assess Risks, Controls, KRIs

“What could we do if something happens?”

DELIS: - Updated lists or RCM (Risk Control Matrices) showing Brexit-related business & IT risks, importance, controls to mitigate risks, assessment tests to check controls and KRIs....

9.P

Plan Actions

“How can we make it happen?”

DELIS: - Action plans for testing controls, KPIs, KRIs...
- Program/project plans for tests & measurements...

Brex-IT Activities (ask Dalim for detailed steps)

10.P

Apply Actions

“Do it”

DELIS: - test results (e.g. process, risk, control, test information (including tester, dates, results, issues, recommendations))
- evidence of implementation of planned actions.

11.P

Monitor & Communicate

“Watch and report”

DELIS: - Brexit IT reports to Board & Board agenda minutes
- Brexit IT-related newsletters/emails within the organisation
- Brexit IT-related press releases outside the organisation

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Re-Cycle

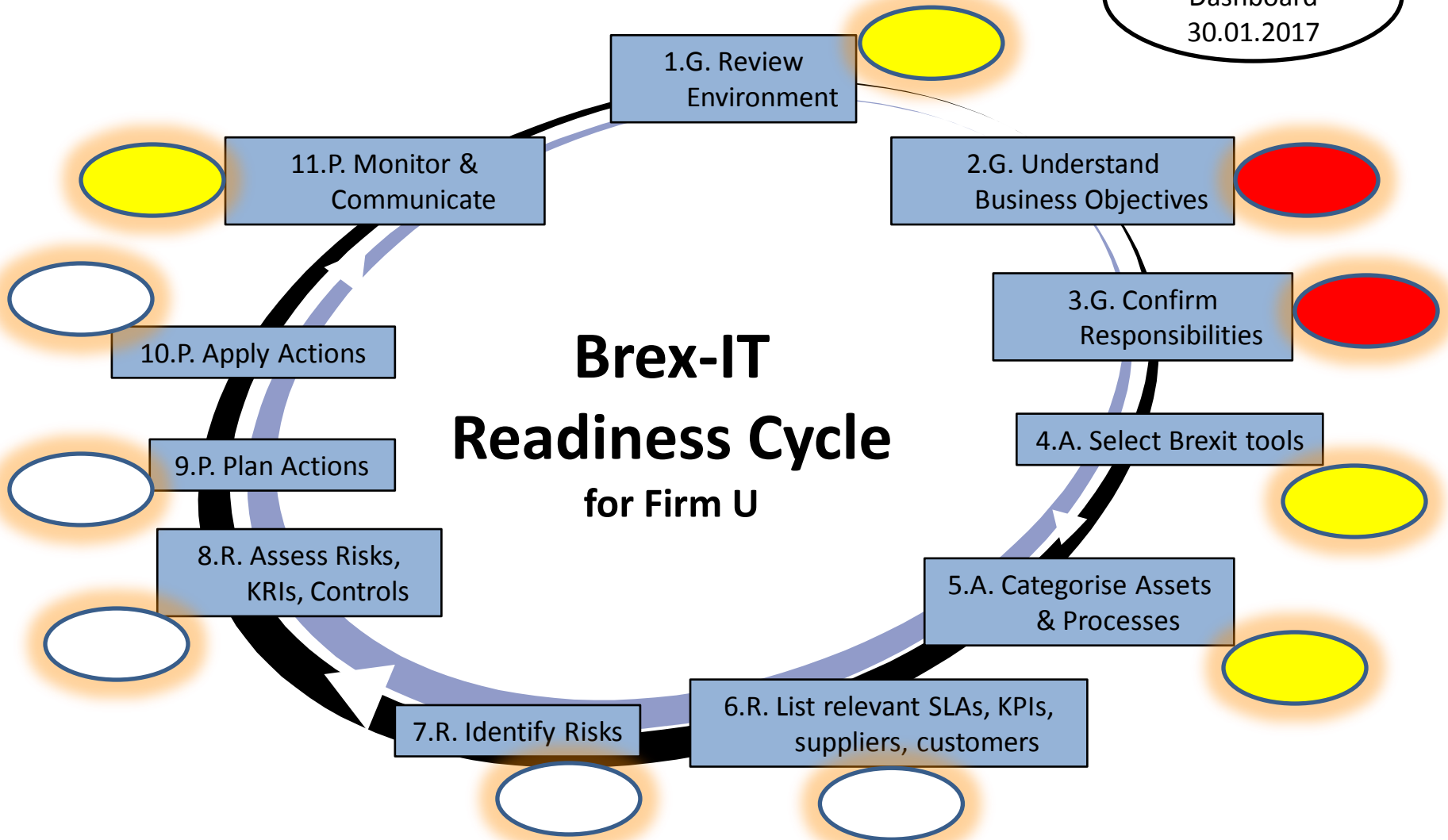
“Keep doing it”

Brex-IT: Tick & StarTick Badges

11.P. Monitor & Communicate

f. EXAMPLES

Status
Dashboard
30.01.2017



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Imagine...1

Firm U's possible advertising /email footer from 30.01.2017:

+++++



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How about you?

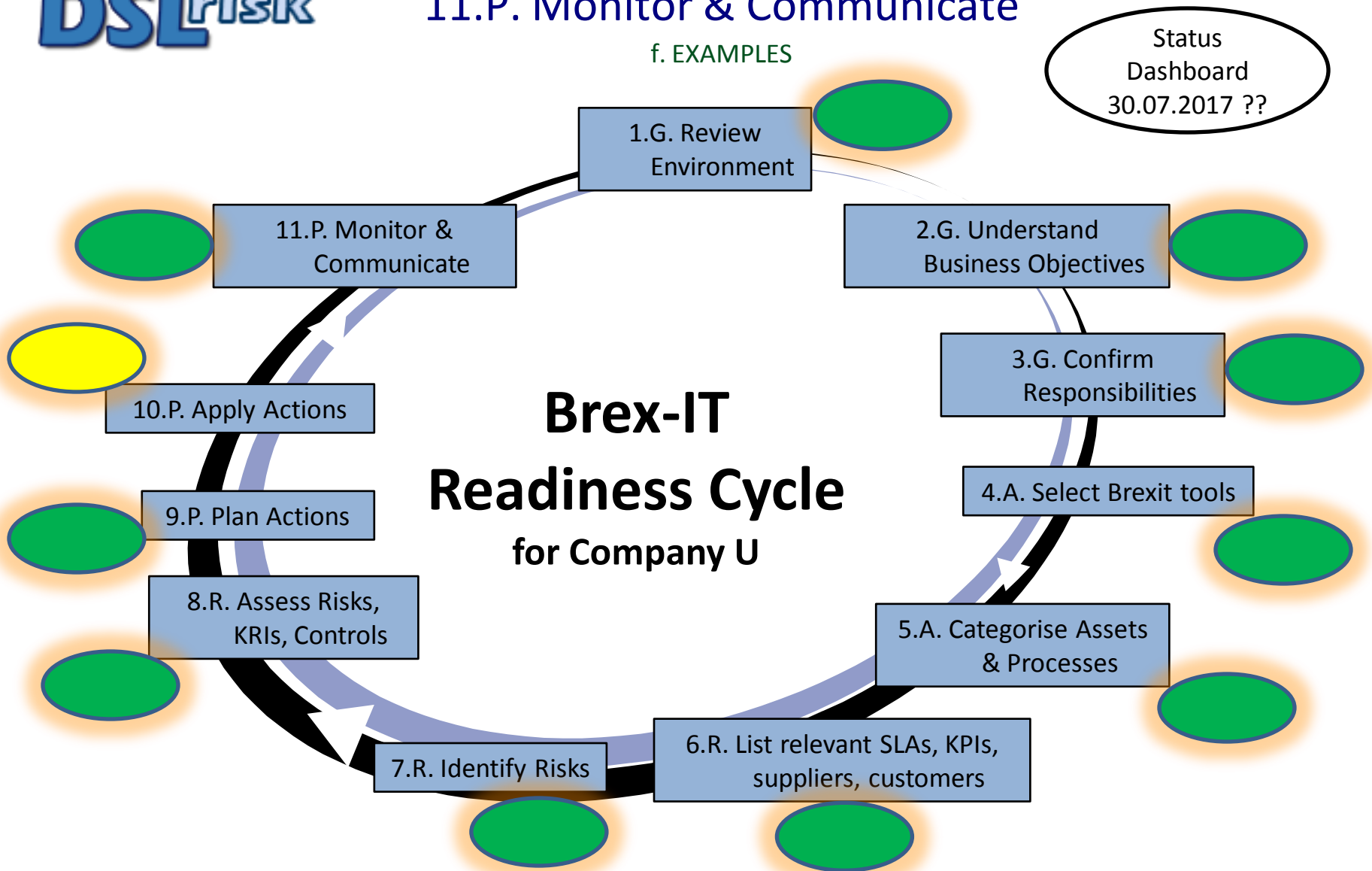
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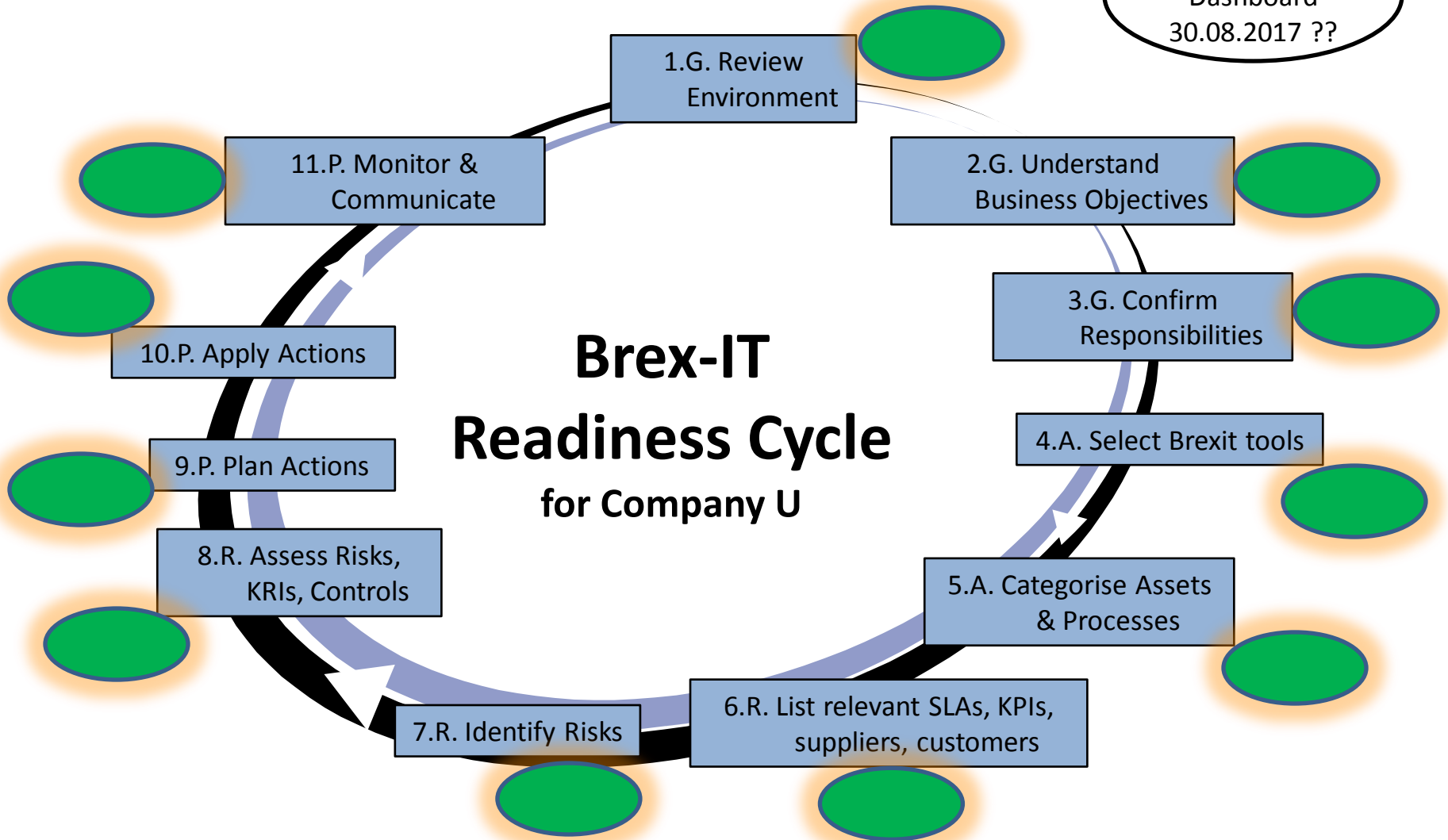
or...



11.P. Monitor & Communicate

f. EXAMPLES

Status
Dashboard
30.08.2017 ??



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Imagine... after 30.08.2017

Firm A's email footer after a checked cycle of deliverables:

+++++



<Firm U> has achieved a 'BCS StarTick' for progress
in the BCS Brex-IT readiness programme.



How about you?

+++++

or...



Brex-IT: How can You Help?

Brex-IT: How to do IT

BCS audience comments after earlier presentations

+++++

"Interesting and thought-provoking"

"A good framework that deserves to be given a wider audience."

"There is a lot of uncertainty around BrExit. Brex-IT provides both a structure and a way forward into the unknown."

"As 'important to SMEs as Y2K"

"As IT professionals we can start work now: we don't need to wait for the government or any negotiations to be completed. I strongly suggest that we don't wait and instead adopt Brex-IT."

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**** What do YOU think? ****

How can You help?

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