

Mitsui Sumitomo at Lloyd's

Excellence in all we do

The Fire Safety Order - Five years on
How the Fire Safety Order has changed the face of
fire safety in the UK

21st September 2011

Why are insurers interested?

- The assessment crosses over multiple classes:
 - Employers liability
 - Property
 - Public liability

- It is a good indicator of how businesses manage risk
 - Is there one?
 - Is it up to date?
 - Is it appropriate to the occupancy?
 - How are actions managed?



Dynamic capability and highly experienced teams throughout the business allows us to build true, long term working relationships

Common Trends

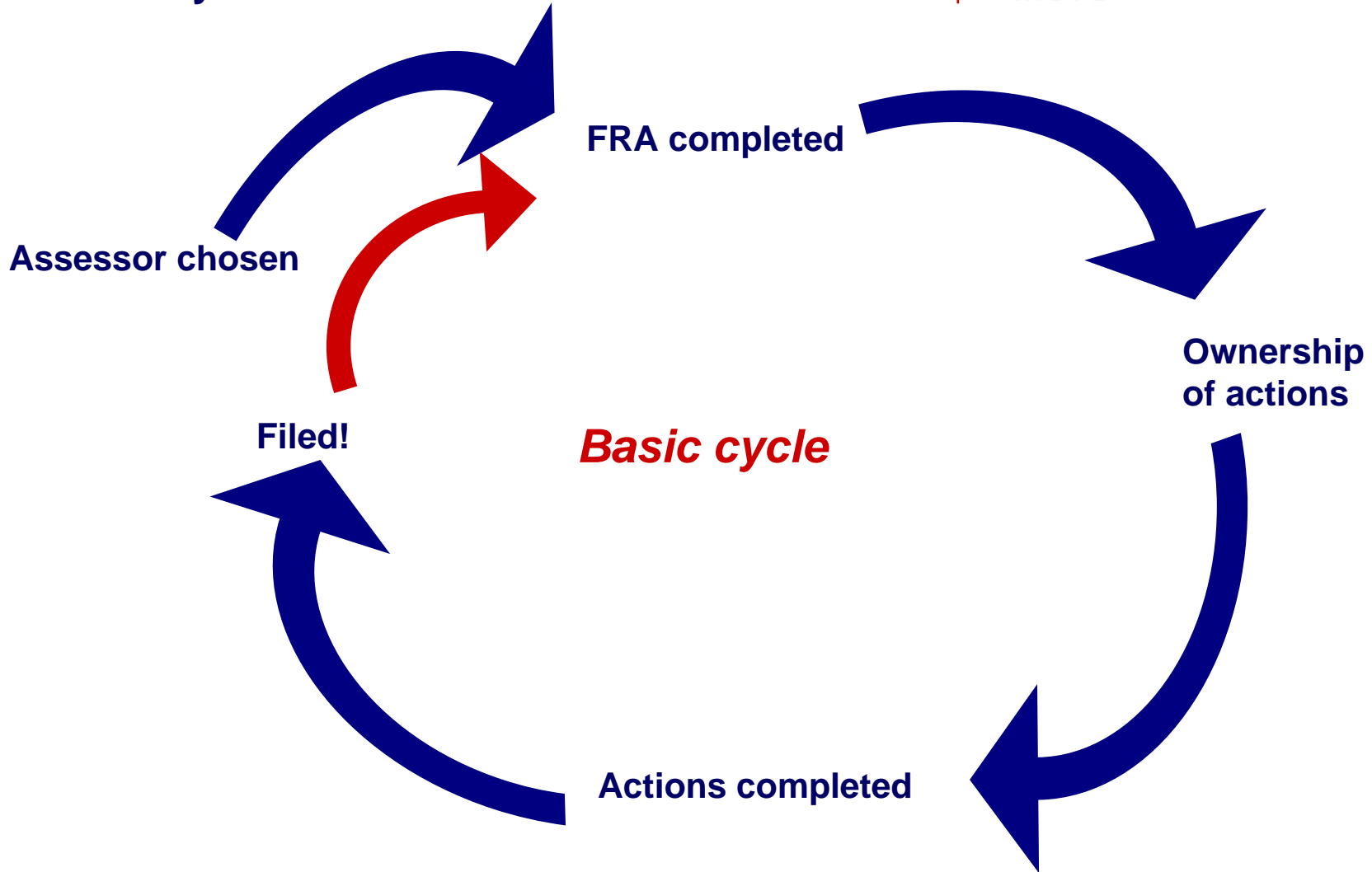
- Fire risk assessment not undertaken
- Fire risk assessment out of date (not reviewed regularly)
- Basic templates, not suitable for occupancy
- Lack of training for in house staff
- Inadequate competency of external assessors
- Areas of a building or the site not considered
- Does not adequately take into account construction
- Actions arising from the FRA may indicate ongoing controls need review

Ownership of the assessment must be taken by the business, regardless of whether it is done in house or by consultants



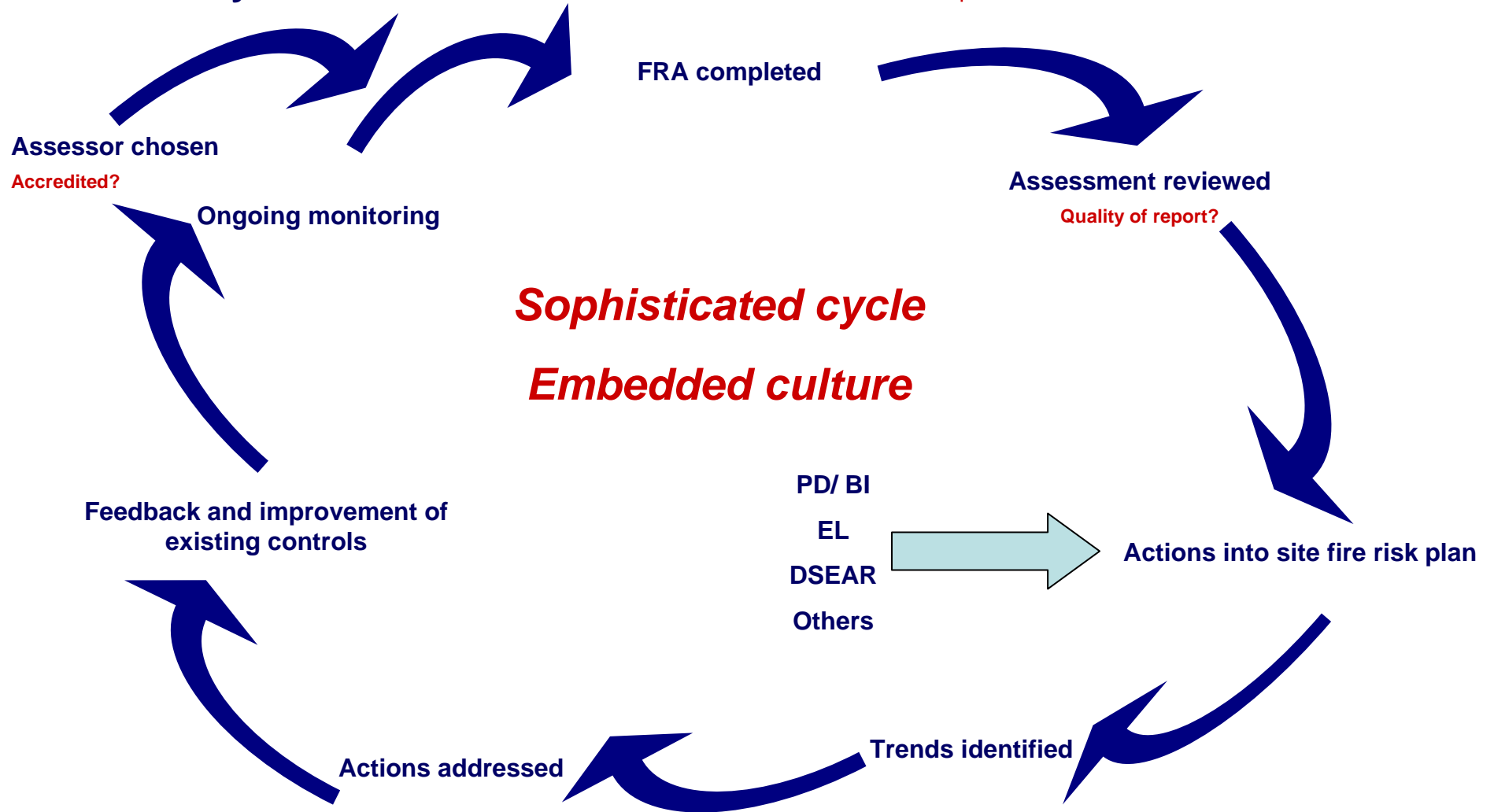


Fire risk cycle





Fire risk cycle





"We've considered every potential risk except
the risks of avoiding all risks."

The Fire Safety Order 5 Years On

Countdown to Culture Change Seminar

Russ Timpson

Cambridge 21st September 2011

Agenda

- Introductions
- Recap
- Emerging Issues
- Potential Solutions & Best practice
- Questions

Business Lead

- Russ Timpson
- Chartered Fire Engineer & BCP specialist
- Strategic partner with MSILM since 2005
- Business continuity exercises
- Fire risk assessments and surveys
- Training and audits
- Fire & BCP? - Yes

Time Line

- Fire Precautions Act 1971
- Fire Precautions (Workplace Regs) 1997
- Regulatory Reform (Fire Safety) Order 2005
- Initial Evaluation & Effectiveness Report 2009
- ‘New Look’ Fire & Prosecution 2009
- Lakanal House Fire 2009
- Fire Risk Assessor Prosecuted 2011

Summary of Effectiveness Report 2009

- Enforcers agreed that sleeping risk premises and fast food venues were 'high risk'
- More co-ordination between agencies required
- Confusion on who is the 'Responsible Person'
- Generally, it was found that the Fire Safety Order was 'bedding in well'

Case Study – New Look

- Nov 2009, London
- Staff ignored fire alarm
- £250k fine - No FRA
- £150k fine – No staff training + costs
- Appeal dismissed – precedent set



Lakanal House

- 16:19 hrs
- 3rd July 2009
- Lakanal House, Camberwell
- 6 fatalities
- 15 residents and 1 firefighter injured
- 90 families had to vacate their homes

Photos of fire spread # 1



Photos of fire spread # 2



Photos of fire spread # 3



Photos of fire spread # 4



Photos of fire spread # 5



Photos of fire spread # 6



Photos of fire spread # 7



Photos of fire spread # 8



Overview of the Fire



Lakanal House

- FRA undertaken by council staff after a short training course delivered by LFEPA
- FRA did not discover serious shortcoming of stair design
- FRA's are not invasive and did not discover significant breaches in fire barriers
- Internal voids were not fire stopped

Fire Risk Assessor Prosecuted – July 2011

- David Liu - The Dial Hotel and Market Inn Mansfield, was jailed for 8 months and ordered to pay £15,000 costs
- John O'Rourke - Mansfield Fire Protection Services, was also jailed for 8 months and was ordered to pay £5,862.38 in relation to the inadequacy of Fire Risk Assessments he provided for Mr Liu's hotels
- “be aware of what Fire Safety training and qualifications they have and check to see if they are registered or accredited with an appropriate third party body.”

Emerging Issues

- Who is the Responsible Person?
- Competency of Fire Risk Assessors
- Closure of Actions following an FRA
- Knowledge and Data available to FRAs when completing survey inspection
- Review of FRAs when changes occur
- No commercial benefit – ‘grudge purchase’
- Volume ‘tick box’ assessments

The Responsible Person

- Controlling a business premises
- An employer or self-employed with business premises
- Responsible for a part of a dwelling that is used for business purposes
- A charitable or voluntary organisation
- A contractor with a responsibility for any premises, or maintenance of any premises, whether or not you own the premises
- Providing accommodation for paying guests In any building where there is more than one

Competency of FRAs

- Training
- Qualifications
- Experience - relevant
- Recognised accreditation scheme
- Professional liability insurance
- Quality control

Emerging Issues 2

- Construction Fire Safety
- Timber frame construction
- Hot works
- Arson
- Business Continuity
- Business interruption cover



Telephone:
01304
613298
Facsimile:
01304
619635
www.ofp.co.uk

All visitors and
drivers must
report to
reception

Site Access
Permitted
Only when
authorised
personnel are
present

Major Construction Fire Since 2006

- 2006 Collindale Fire*
- 2007 Cutty Sark Fire
- 2007 Date Street, Manchester Fire
- 2007 Newcastle Fire*
- 2008 Belway Homes Fire
- 2008 Royal Marsden Hospital
- 2008 Weston-Super-Mare Pier Fire
- 2008 Manchester Fire*
- 2009 Peckham Fire*
- 2009 Talbot Road Fire, Blackpool*
- 2009 High Wycombe Fire*
- 2009 Glasgow Fire*
- 2010 Glasgow Fire*
- 2010 Camberwell Fire*
- 2010 Basingstoke Fire*

* *Timber Frame Construction*





Collindale

Cause - Smoking



Cutty Sark

Cause – Electrical Heater



Zeta Compliance Services





Royal Marsden Hospital

Cause - Hotwork



Camberwell

Cause - Arson



Zeta Compliance Services





Basingstoke

Cause – Arson - Children

Emerging Issues 2

- Construction Fire Safety
- Timber frame construction
- Hot works
- Arson
- Business Continuity
- Business interruption cover



Is This Hotwork?



Zeta Compliance Services





Is This Hotwork?



Is This Hotwork?





Is This Hotwork?



Zeta Compliance Services



Does your FRA focus on Arson?



Does your FRA take into account
BCP? – beyond life safety?





Composite Panels

Egg production plant



Zeta Compliance Services





Grading machine

4 million eggs per week

Potential Solutions & Best Practice

- Clarity – agree a fire safety policy similar to H&S policy: ‘who does what and when’
- Knowledge – Fire Safety Manual in line with BS 9999: Understand the building & strategy
- Competency – use a competent assessor
- Action – follow up on FRA report and ensure actions are completed: Due diligence
- Review – keep the document alive: Risks will change!

Questions?

- Russ Timpson
- russ.timpson@firestrategy.com
- 07951 190576