

Esri National Security Summit

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Fire Service Risk Reduction Projects Making Communities Safer

John Bonney, Chief, Hampshire Fire and Rescue Service

Community Risk Reduction Leadership Program

John Bonney | Alchemy Management Solutions
Esri National Security Summit 13th July 2014



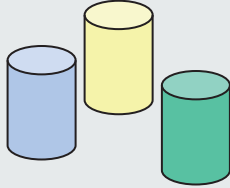
Community Risk Reduction(CRR)

The Experience of the UK Fire Service

- Centrally and locally driven change
- Focus on Risk
- Fundamental cultural shift
- Significant resistance
- Widespread Benefits
 - All Fires -68%
 - Arson -74%
 - Structure Fires -48%
 - AFDs -40%
 - Lowest Fire Deaths for over 50 years
 - Proving our worth

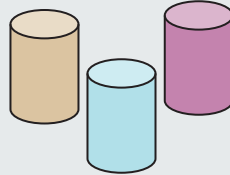
Community Risk Reduction

What we know



Incident data
Fire investigation reports
Fire safety infringements

What others know



Lifestyle data
Health indicators:
- Substance abuse
- Mental health issues
- Vulnerability
Crime reporting ASB

What this tells us

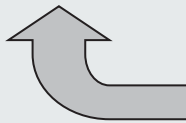


Correlation between:
- Lifestyle and incidents
- Health and fire risk



Plan and deploy

Evaluate
and learn!



Protection



Where?
How?
When?

Prevention



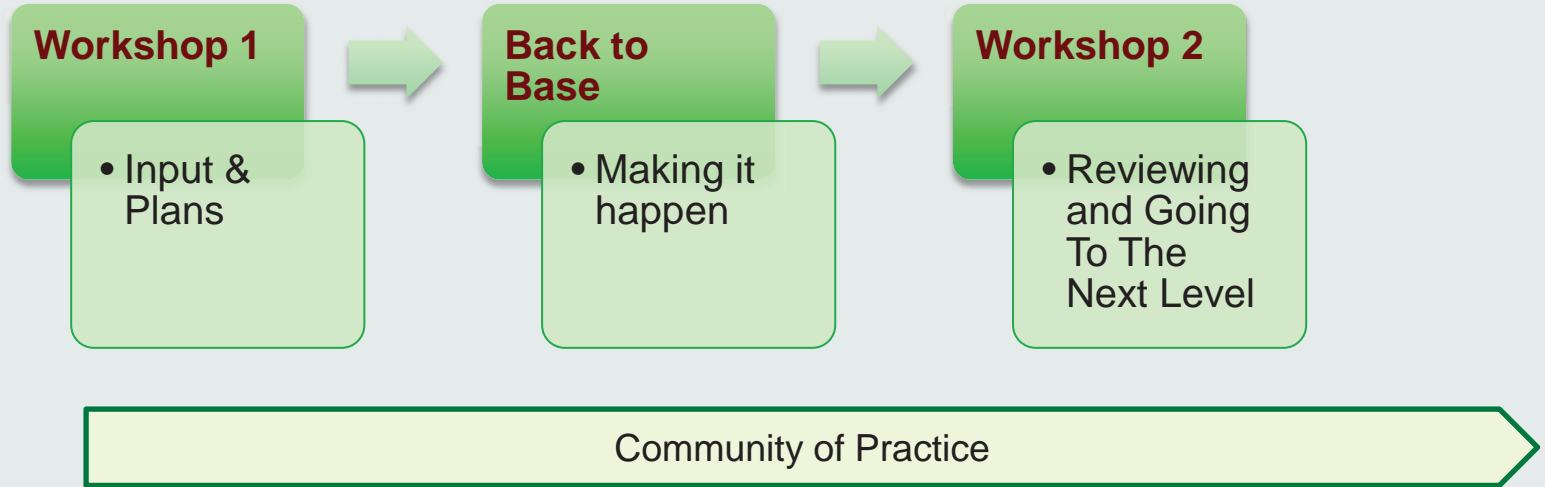
Where?
How?
When?

Response resource



Where?
How?
When?

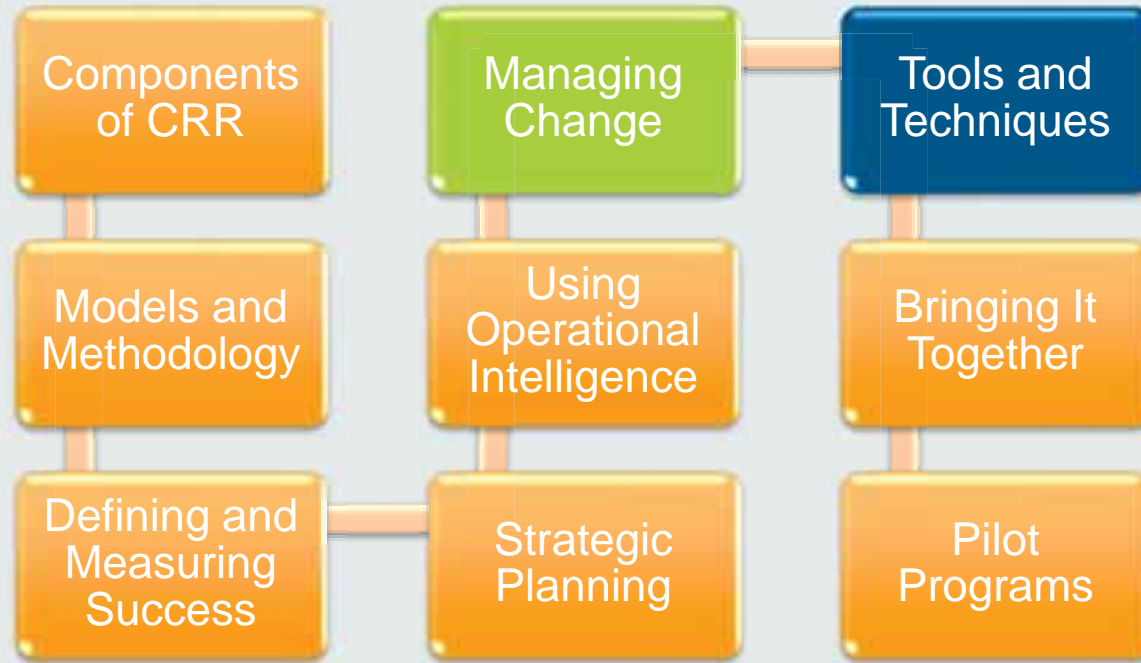
How The Program Works



Key Elements

- Five Selected Fire Departments
- Teams of up to 5 delegates
- CRR and data approach as Organizational Change
- Working Methods
- Building a Community of Practice

The Program- Workshop#1



Operational Intelligence



Operational Intelligence

Bad Questions	Valueless Answers
Where is the most risk?	Here is the biggest fire
Who has the most fires?	The Forestry Department
What causes the most fires?	A lighted match
Where do joyriders live?	Most RTC's happen here
When do most fires happen?	When people are awake
Which cars have the most accidents?	Red ones
What does this tell me?	What would you like to know?

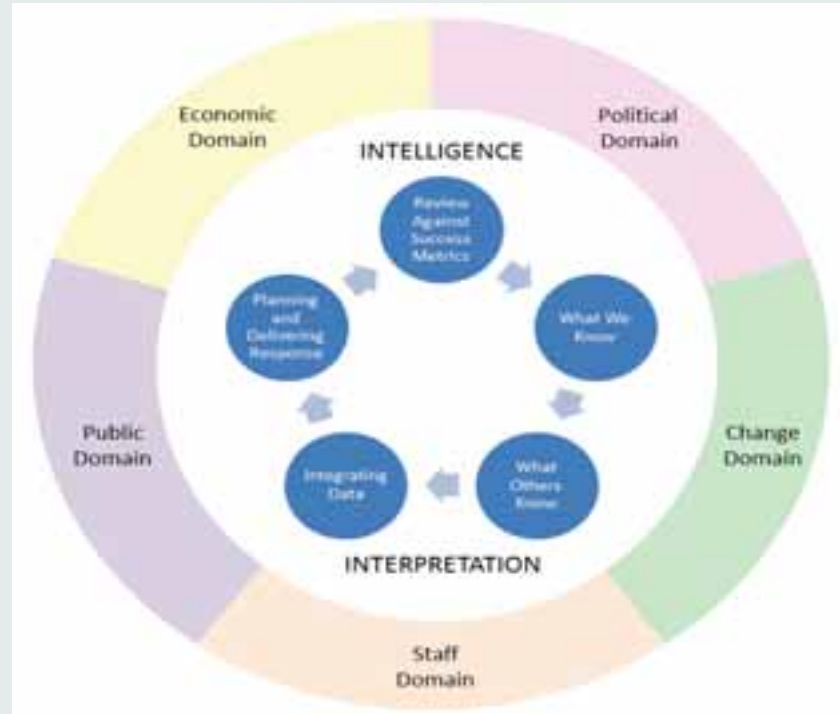
Tools and Techniques



Emerging Issues

- Power of the Strategic – Analytical axis
- Cultural Shift (Position vs Knowledge – Response vs Risk)
- Understanding intent before unpacking the box
- CRR and Transformational Change
- Developing a Practitioner Model “Acuity”

Acuity – The Expanded Model





Questions?