

# Accidental, Natural and Social Fire Risk (ANSFR) Project

The prevention and diminution of the  
human and financial costs of fire through  
effective risk assessment and  
management



**Rob Stacey**



**Northumberland Fire and Rescue Service**

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## 1. Project Partners and Funding

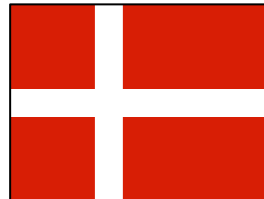


January 2009 to December 2010

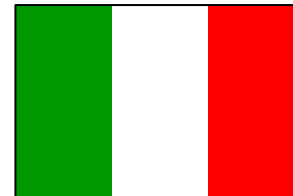
Northumberland  
Fire and Rescue  
Service



Frederikssund  
Fire  
Department



Nucleo  
Investigativo  
Antincendi



Emergency  
Services  
College



## Northumberland Fire and Rescue Service, UK

Land area: 5013 km<sup>2</sup> ; population of 300,000

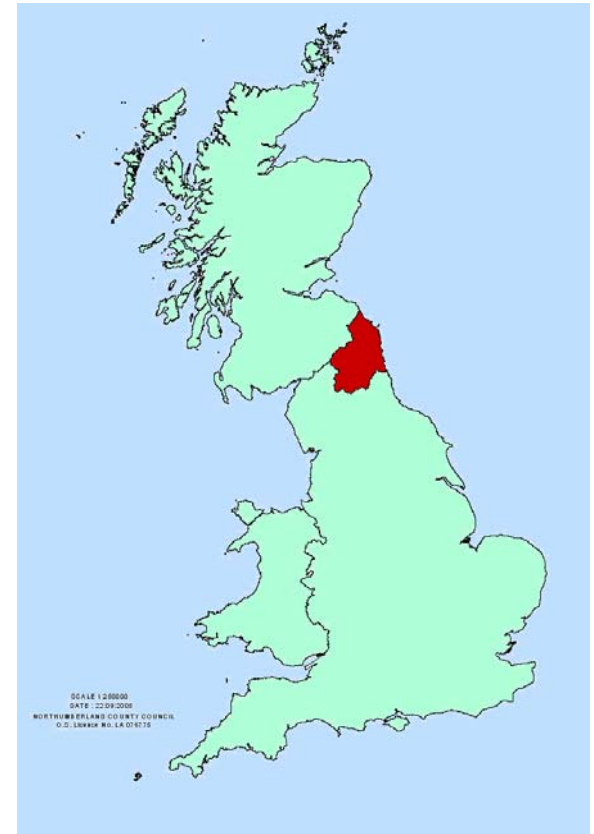
50% population live in 5% land area

Traditional Fire and Rescue Operations

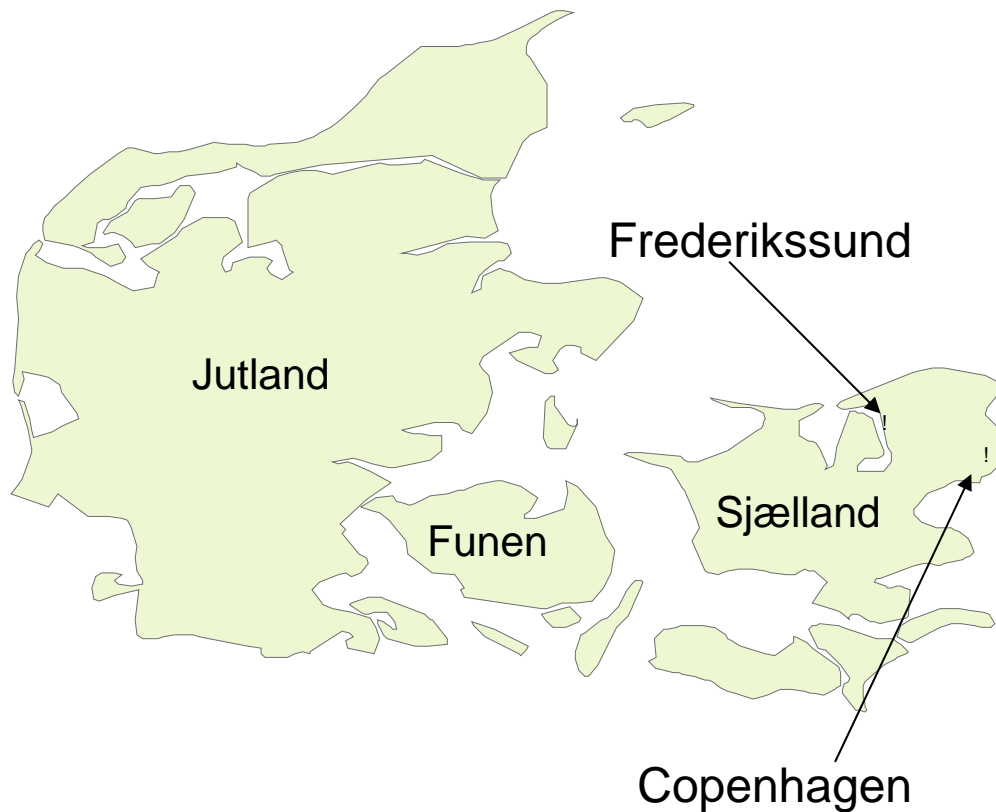
Wildfire fighting, marine response, arson reduction, community safety

Long term strategic aim – improve social, economic and environmental well-being of residents

Preventing fires and emergencies before they happen



## Frederikssund Fire Department, Denmark



Located in Sjælland, 50km  
NW of Copenhagen

Municipality covers area of  
260 km<sup>2</sup> ; population of  
44,102

Traditional Fire and  
Rescue Operations

**Fire prevention a key  
priority**

**We're here for you.**

## Nucleo Investigativo Antincendi (NIA), Italy

Dipartimento dei Vigili del  
Fuoco (Italian Fire Fighters  
Corp)

Principal activity is study and  
analysis of causes of fires and  
explosions

Fire simulations, safety of  
commercial products

Based in Rome – investigating  
fires across Italy



## Emergency Services College, Finland

Kuopio – central Finland

390km from Helsinki

Provides education and training  
under supervision of Ministry of  
Interior

Research and Development  
Unit:

- 10 employees
- coordinates research activities  
of Finnish rescue services



We're here for you.

## 2. The Need for the Project

Traditionally, Fire and Rescue Services as reactive

Fire and Rescue Services Act (2004) (UK) legal obligation to prevent fires and reduce risk of fires

**Fire and Rescue Services must be proactive & reactive**

- Must identify, quantify and manage fire risks
- Must work to prevent and reduce fire risks

Project partners successfully reducing fire risk - However, need for more comprehensive risk assessment and management frameworks



### **3. Aim of the Project**

**“To reduce the financial and human cost of accidental, natural and social fires throughout Europe.”**

**To develop innovative tools and frameworks to assist in the identification, quantification, management and reduction of fire risk**

## 4. Project Design

3 key areas:

**Accidental Fires** – electrical fault, negligence

**Natural Fires** – grassland, woodland, moorland

**Social Fires** – nuisance fires, fire crime, bonfires

More precise definitions to be developed during the project by the partners

## 5. Key Actions

1. Assemble existing information on fire risk assessment and management
  - Project partners
  - Questionnaire surveys
2. Develop fire risk assessment framework solutions
  - Accidental, Natural and Social Fire Risk Framework Models
  - Agriculture, Forestry, Industrial/Commercial, Domestic
3. Stimulate permanent and ongoing collaboration between fire professionals
4. Develop interactive learning tools to facilitate promotion and dissemination of the risk assessment frameworks

## 6. Key Outputs

1. Delivery of 4 regional workshops
2. Creation of an exemplary electronic web-based portal to facilitate EU-wide exchange of best practice
3. Creation of online training modules – teaching the frameworks and principles developed to others
4. Delivery of a European conference
  - Hosted in Northumberland, England
  - Co-organised by all partners
  - Dissemination and discussion of the project work
5. Final project report

# Thank you for listening!

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