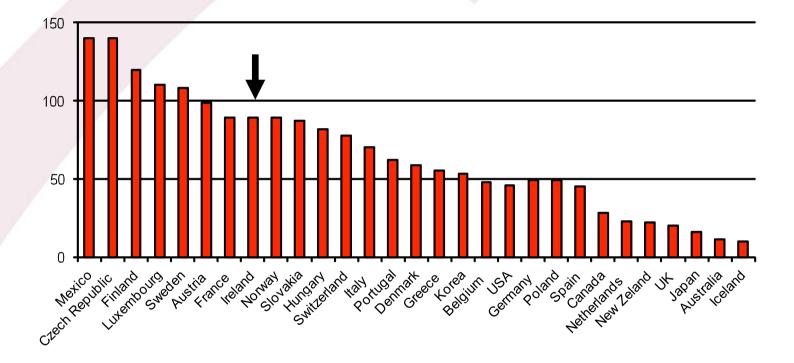
# Radon: Raising awareness, promoting action

Presentation by Mark Brennock



### **2009 Mean Radon Concentrations (WHO)**







### The Irish problem

- National reference level 200 Bq/m3
- 91,000 homes above reference level
- Linked to 200 lung cancer deaths per year
- Big regional variations "high radon areas"





### **Public Awareness**

- Aware of radon 77%
- Radon in the home is a heath risk 56% •
- Likely to have your home tested 36% •
- Likely to take action if radon reading is high c25% •

### Awareness does not automatically lead to action



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### **Communications Can Promote Action**

### Only if there is:

- **Clearly understood message**
- Repetition of message
- Same message, different sources
- Human stories making the threat real
- Making action look easy: offer citizens a clear pathway to dealing with the issue

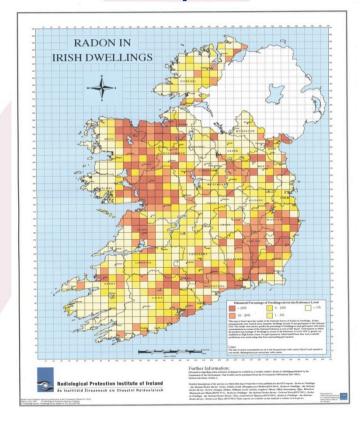


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### Build Public/Political Interest (all politics is local)

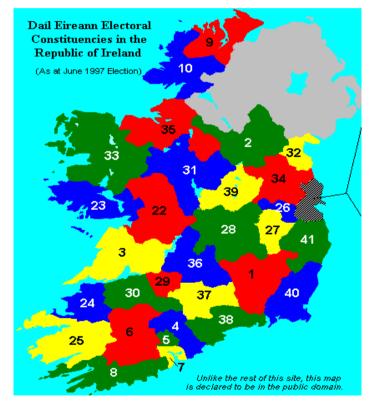
### **Radon Map**



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### **Political Map**





### **Original Strategy**

- Local road shows public meetings
- Using high radon readings to win local media "hit"
- National press release 2-3 times a year





### **Perceived Limitations of Original Strategy**

- National coverage not intensive enough to force citizens to act ("that isn't about me")
- Regional presence sporadic
- Regional public meetings not backed by other communications channels
- Tended to be "invitation-led"





### **Current Strategy**

- Not only a public meeting but a local "Radon Week" in high radon areas.
- Three to four each year
- Follow up PR activity in areas previously targeted
- National PR activity reinforces local campaign





### **Public Awareness Campaigns - Local**

- Select high radon counties
- "Radon week" in each one
- One message: "Take the radon test"
- 6 of 26 counties so far, more to come





### **Local Campaign Elements**

- Message is from RPII, Govt, local authority, HSE
- Public meetings
- Educating local TDs (members of parliament)
- Local media coverage
- Recruiting local media & editors as supporters
- Extensive concentrated advertising
- Direct mail drop to all households
- Informing local doctors
- On street activity leaflets
- Follow up PR activity in targeted counties





### Local– What it looks like

### Sligo home 13 times over cancer causing gas limit

### Radiation dose same as getting 3,000 x-rays a year

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with Pertur, Senior Scientist a le RPU, said: "The identification f this house is a further re-linder that many people through it the country are liking with supprose levels of radiation in ir nomes. In HPE recently ran an inter

The Id'll reporting run an inter-sive comparison in Sigo unging horesenteers to pertect there-selves. Slips is a high radern area with an estimated one in every four bases basing high levels of the natural occurring gas. On the RPID's website

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### **RADON** test

### The Facts

- More than 20% of homes measured in Waterford have high levels of the radioactive gas radon
- Radon causes up to 200 lung cancer deaths each year in Ireland
- Radon gas affects us all, but the risk is greater for smokers
- You cannot see, smell or taste radon gas
- A simple test can tell you if your home is safe

Visit www.rpii.ie or Freefone 1800 300 600









### **Public Awareness Campaigns - National**

- We highlight exceptional readings
- Regular local and national press coverage of these
- State broadcaster (RTE) has taken up the issue
- Prosecuted employers in the past
- National Radon Forum





### National – What it looks like

Home has radon dose

### Radon in home at dangerous level

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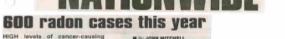
By AINE BONNER By ARRE BORNER A FAMILY had been unknowingly subjected to radiation doses the equivalent of 3,000 chest X-Rays per year, it was revealed yesterday. Cancer-cashing radon per - a master 13 times the acceptable herd, was detected at the home Ballymote area

Sign. Radon is the second biggest issue of lung cancer after moking and is linked to about 90 deaths each year in Iraland. Yesterday, the Radiological Totection Institute of Ireland RTU suid it believes there are

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This prevents high radon lev-ils ever accumulating in the

Dangerous



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Radon is naturally produced in the ground from the transition present in small questifies is all rocks and rolls. You samet small, see or lasts it. RPII and 647 of the 4.296 houses measured for radon between larmary 1 and August 30, were absorber the "suitable"

### B Dy JOHN MITCHELL High

Bullynete, Co Silge and one each in Ladonetwark, oc Claret, and Constell, Co Tegerary, had nove than 10 times Another 80 houses had very high levels — including 15 in Galware, 16 in Silgo, 11 Ketry, live in Celfs and Joar in Mary Nichler were Malware, Weethed and Wichler were and affected. Biodings shore the acceptable level Biodings shore the acceptable level

report and. The BPII said it was working closely the brancholdery to reduce the radon With nonsensation to restarce the radio levels and the risk to their health.
Honeowners wanting more details of tests can bag on to www.rpli.se or free-fone 1800 300 608.

PROTECT YOURSELF WITH A DETECTOR



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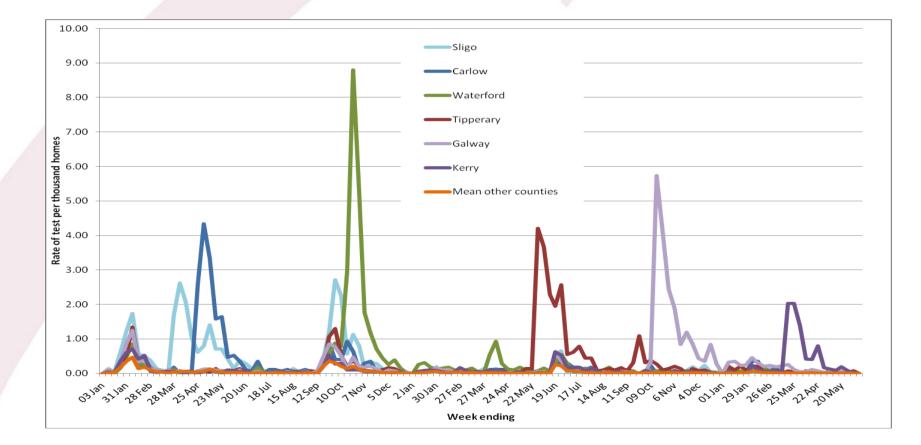
### Results

- National testing rate in 2010 four times 2009 figure
- Up to ten years measurements in one month in targeted counties
- The issue is now on the radar of national and local media
- A significant number of national politicians (18 TDs, 6 Senators) and local councillors have been personally educated on the issue by us. Some now champion the issue





### Radon Test Measurement 2010-2012





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### **Ongoing Limitations**

- Awareness doesn't automatically provoke action
- 33% increase in number of houses measured in some areas but just 2% of total housing stock. At this rate it will take 400 years to measure all homes!
- Initial action measurement doesn't automatically reduce dose. Just 25% of those with high levels remediate their homes.
- ALARA principle is about reducing dose
- This can only be done through a National Radon Strategy RPII role is only part of this





### **A National Radon Strategy**

What is it?

Joined up action from all relevant local and national public bodies to reduce the threat of radon gas.





### National Radon Strategy Possible Elements

- Educating health professionals
- Changing building regulations
- Writing the issue into health and safety law and practice
- National testing programme of public and private premises
- Research

- New conveyancing laws
- Education of media
- Public information
- Grants for remediation of premises
- Schools education and testing



Strategic Communications & Issues Management

MURRAY ONSULTANTS

### **Steps to a National Radon Strategy**

- 1. Recognition and agreement that there is a problem
- 2. Definition of the problem and its scale
- 3. Political commitment to reducing radon dose
- 4. Report and draft strategy from Inter-Agency Group
- 5. Public consultation on draft strategy
- 6. Government approval of and buy-in to strategy
- 7. Implementation





### Don't wait for a national strategy!

- Raise public awareness
- Test homes
- Inform decision-makers and relevant State agencies

## While seeking a national strategy, implement your part of it now!





### **Discussion**



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