Hidden Danger in Older Homes:

RADON GAS **RISKS & SOLUTIONS**





What is Radon Gas?



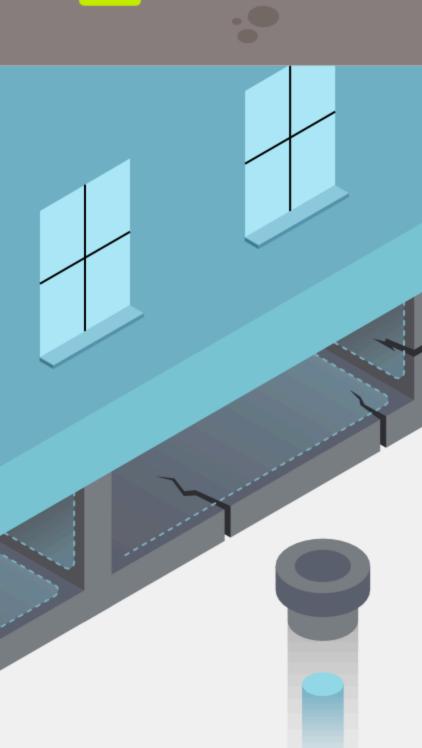
A naturally occurring radioactive gas



Invisible & odorless, seeps into homes through cracks and gaps



Higher risk in older homes due to foundation vulnerabilities



2 Why Are Older Homes More Vulnerable?



Cracked foundations over time, concrete develops gaps





allow radon infiltration



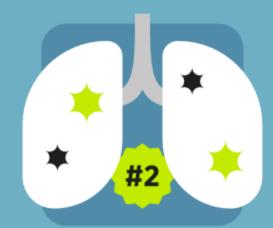
Outdated building practices no modern radon-resistant measures



Well water contamination groundwater wells can introduce radon

Southern Canada is a radon hot spot!

3 Health Risks: Why Radon is Dangerous



2nd leading cause of lung cancer in Canada (after smoking)



Long-term exposure damages lung tissue



Even small cracks can lead to dangerous levels over time

Regular radon testing is essential!



How to Test for Radon in Older Homes



DIY Radon Test Kits affordable & accessible





Professional Testing more accurate results



Health Canada Safety Limit: 200 Bq/m³



Test every few years to ensure safety

5 Radon Mitigation: **Protecting Your Home**

Seal foundation cracks

to prevent radon entry



Improve ventilation

in basements & crawl spaces



Install radon mitigation systems

like sub-slab depressurization



Professional services provide lasting protection

1. www.safeair.ca/blog/how-to-address-high-radon-levels-in-older-homes

Take Action: Contact Groundworks





Older homes are at risk - don't wait!



Trust experts for long-term radon safety

Get a free inspection & mitigation estimate

Resources

- https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/ radiation/radon-your-home-health-canada-2009.html