

MANAGEMENT OF DOMESTIC RADON RISKS IN FRANCE: AN INVENTORY OF TERRITORIAL APPROACHES

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CONTEXT OF THE STUDY

During a decade (2011-2018), IRSN has been involved as co-pilot in 2 territorial multipartner approaches (Haute-Vienne department, Center of France ; Bourgogne-Franche-Comté region, East of France) for management of domestic radon risk:



FEEDBACK:

- Relevant and innovative **multi-partner approaches**
- **Global approaches** (Indoor air quality - IAQ, housing renovation & energy efficiency)

FRENCH LEGAL FRAMEWORK:
No strict regulation in private housing

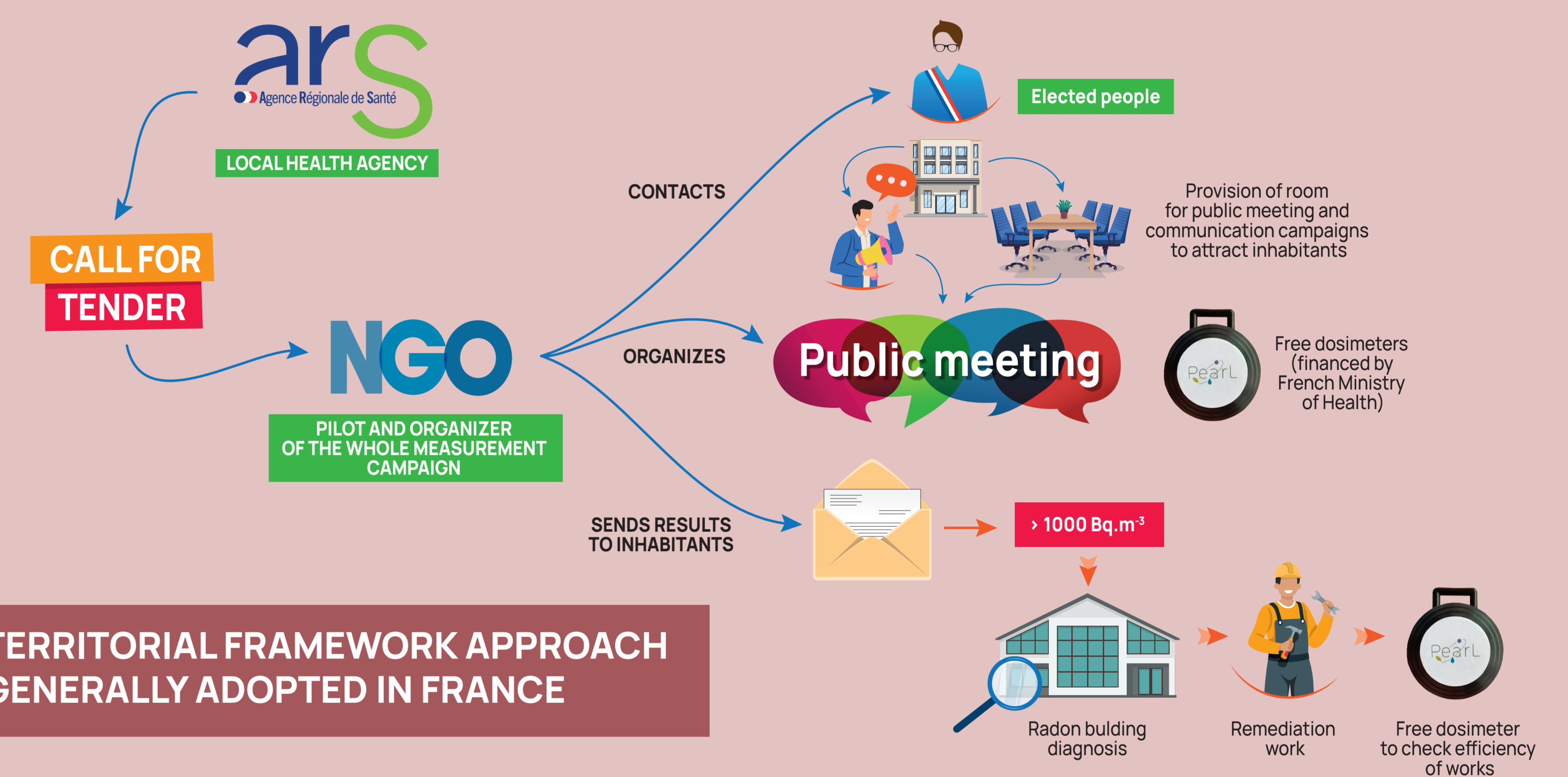


RECURRING ISSUE:

- Difficulty for inhabitants to **go beyond the measurement step**
- **Lack of building professionals** for radon remediation works

2 out of 10 French people have adequate knowledge of this risk: both its nature and a mean of protection
Source: www.barometre.irsn.fr (2020)

RESULTS



TERRITORIAL FRAMEWORK APPROACH GENERALLY ADOPTED IN FRANCE

KEY SUCCESSES

- Local actors to manage territorial approaches (Regional health agencies, NGOs, elected people)
- Free dosimeters
- Global approach of IAQ = less anxiety-provoking
- Face-to-face public meetings

WEAKNESSES

- Unknown and neglected risk, apathy into managing a natural risk
- Lack of professionals in radon building diagnosis
- Lack of building professionals for remediation works

CONSEQUENCES FOR TERRITORIES:

- STOP** Stop awareness actions
- ADAPTATION** Training relay stakeholders for diagnosis: NGOs specialized in building energy performance

WHAT'S WRONG WITH BUILDING PROFESSIONALS?

- Unaware and not interested
- NO REGULATION to undertake remediation work = « NO MARKET - NO BUSINESS »
- No time for awareness/training sessions

Necessity to obtain a **global view of the territorial approaches** carried out in France:

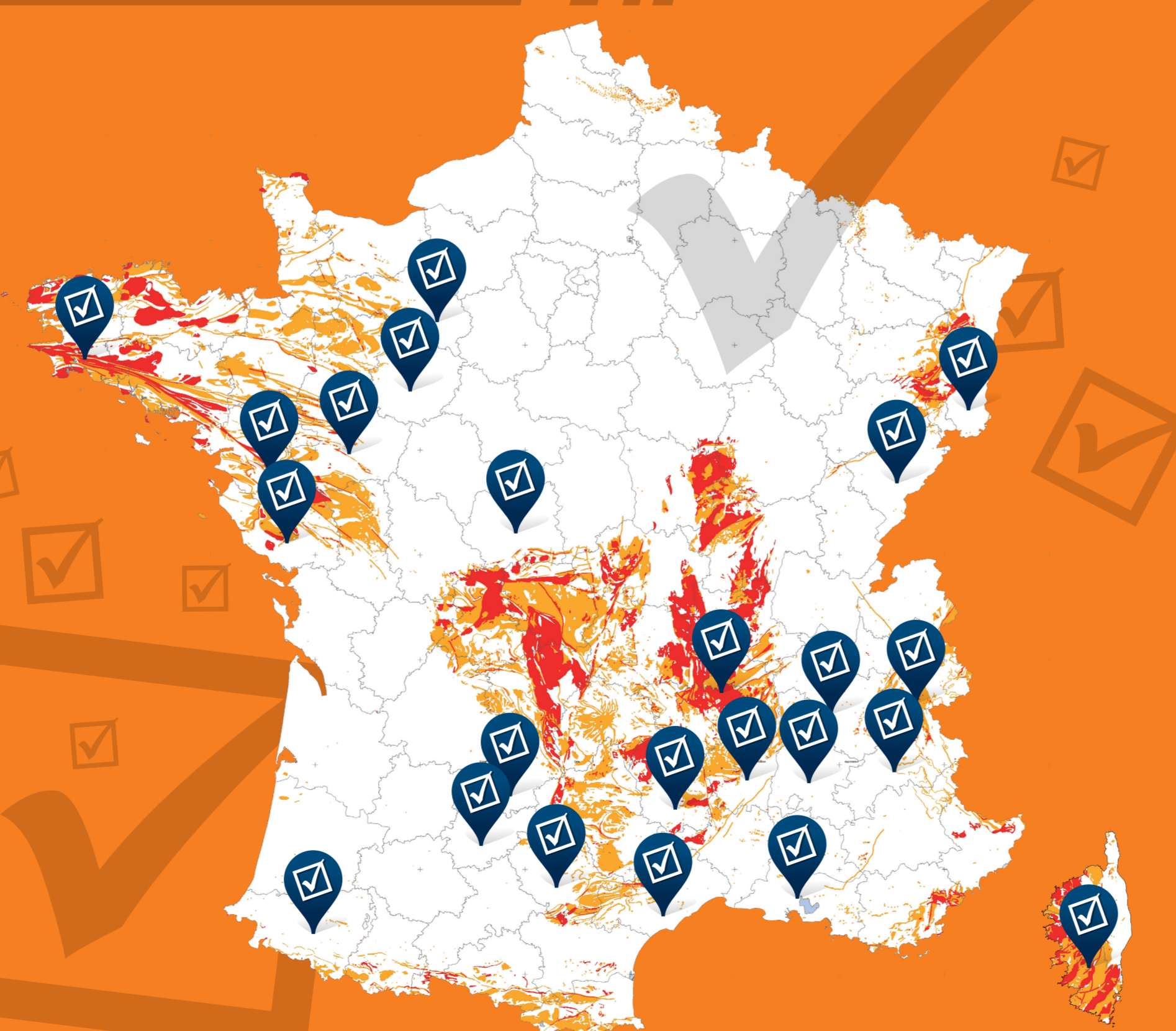
INVENTORY OF TERRITORIAL APPROACHES IN FRANCE LAUNCHED IN 2020 BY IRSN

INVENTORY'S METHODOLOGY

- FROM 2020 TILL 2023
- 35 SEMI-DIRECTIVE INTERVIEWS, 11 REGIONS
- WIDE RANGE OF STAKEHOLDERS : Regional/territorial public bodies (health, environment & building), NGOs (environmental, health, consumer), cities

QUESTIONS ADDRESSED:

- Approach undertaken
- Funding mechanisms
- Key successes
- Difficulties
- Ways forward



WAYS FORWARD

