PROMEVENT : Improvement of measurement protocols used to characterize ventilation systems performance

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**Context:**
- Energy-efficient buildings
  - More airtight
  - Technically advanced mechanical ventilation systems
    - Many dysfunctions are observed

⚠️ Maintain a good air change

- Information – Training – Control
PROMEVENT: Improvement of measurement protocols used to characterize ventilation systems performance

Controls: 3 major cases
- Regulatory compulsory control
- Buildings applying for new Effinergie label (Effinergie +)
- IAQ issues

Control protocols used:
Regulatory control, Effinergie, HQE and OQAI protocols, DIAGVENT method, EN 12599, PrEN16211 ...

Issue: Are all of those protocols sufficient reliable?

PROMEVENT: Improvement of measurement protocols used to characterize ventilation systems performance

PROMEVENT
8 French partners - proposed to a call for proposals launched by ADEME

Objectives
- Evaluate the reliability of those actual protocols
- Propose (a) more reliable protocol(s)
- Test the new protocol: reliability, repeatability & feasibility

Deliverables
- A practical guide
- Contribution for a new standard
Thank you for your attention

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