

Learning Estate CO2 Monitoring Feedback -17 September 2021

Council: Moray Council

Contact: Moray Macleod, Design and Construction Manager

Date: 14 October 2021

Part A: CO2 Monitors

1. **Devices:** How many CO2 monitoring devices have been deployed?

Response:

Fixed Existing two PPP schools have fixed monitors Mobile 180

2. Have you made CO2 monitors available to registered childcare providers in the private and third sector please?

Response: Yes

3. Please summarise any challenges that you've experienced in making CO2 monitors available to registered childcare providers in the private and third sector.

Response: 70% of our ELC provision is provided by the private sector.

4. **Procurement:** Are there any issues with specification, delivery time and costs of CO2 monitors?

Response: We have not had problems with supply and delivery to this date.

Part B: Staff

5. **Resources:** How many additional staff been recruited or redeployed to learning estate CO2 monitoring?

Response: We have deployed 6 property staff to provide advice on CO2 monitoring.

6. **Training:** How many staff have been trained to use CO2 monitors?

Response: 6 Property Staff have been trained and guidance produced for School Staff.

Part C: Building Assessment

7. **Assessment:** What % of learning and teaching spaces have been assessed using CO2 monitoring?

Response:

Local authority ELC 1%. of 210 spaces

Primary 70%% of 527 spaces

Secondary 67% of 495 spaces

ASN/special Our ASN are within Primary and Secondary schools

8. **Digital modelling:** Has digital modelling been utilised to assess spaces where CO2 monitoring may not be appropriate e.g. large volume spaces such as dining and PE halls

Response: We have digitally modelled 5 schools. We had a particularly look at Victorian schools with a central hall with classrooms around opening directly into the space, where there might only be high level windows.

Part D: Impacts

9. **Maintenance/upgrades:** Has work been required to improve ventilation in the local authority learning estate following the use of CO2 monitors?

Response: 8 high level window mechanisms to be replaced in Victorian primary

10. **Energy:** Has there been an impact on energy consumption following the use of CO2 monitors?

Response: None. We have an energy policy which has the heating systems in schools switched off until the end of September unless there are abnormal weather conditions.

