

Learning Estate CO2 Monitoring Feedback -05 November 2021	
Council: Moray Council	
Contact: Moray Macleod, Design and Construction Manager	
Date: 05 November 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. The ability to co-ordinate the results centrally where there is no shared IT system in place.
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. The additional monitors from Angus and Falkirk councils assisted us in accelerating the number of readings we could get to make the deadline
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 100%. of 55 spaces Primary 100% of 527 spaces Secondary 100% 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 We have identified a secondary school with windows that are difficult for staff to open without standing on furniture. The aluminium window sashes have sagged and are past their lifecycle. This school is being considered for a window replacement as part of an accelerated maintenance programme.
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.