

Summary of Session I Cross-Cutting Themes

- Need for economic/budget impact estimates of exposure to air pollution as motivator for action
- Need for reliable, open access, continuous, and representative observations and data for high-resolution emission inventories (including control technologies).
- Data gaps leads to creative data integration and development of fit-for-purpose tools
- Low-cost sensor technology revolution addressing monitoring gaps and digital platform enabling access
- Indoor air pollution remains a large contributor to exposure and drivers of use
- Need for local exposure studies and ease-of-access to high resolution, detailed health data
- General public misunderstanding of what air pollution is, where it comes from and what it does. Requires targeted far-reaching communication methods and community engagement.
- Key to effective action is synergistic collaborations crossing sectoral divides, in particular academia and policy, but also industry, clinicians, many more
- Key to action is identifying viable, cost-effective pathways to meeting guidelines, standards, and net zero ambitions
- Empowerment through skills development