Methane and non-methane hydrocarbons concentrations and sources in an Eastern Mediterranean Island (Cyprus)

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Objective: Improve estimates of local and regional anthropogenic methane sources by using combined NMHC measurements, C2 to C12 and especially light alkanes (Ethane, Propane, I/N-Butanes, I/N-Pentane, ...)

Measurements in Nicosia since February 2021 Installation on the roof of The Cyprus Institute at a background suburban site (inlet altitude: 192m).

→ One or more co-emitting sources of methane and ethane in the Eastern Mediterranean region