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Monitoring supersites in Austria

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Supersites in Austria – general considerations

Requirements for Austria:

- 1 urban background supersite
- 1 rural background supersite

Use synergies with existing monitoring sites

Representativeness

- Population for UB
- Area for RB

Long-term secured operation

At first focus on mandatory pollutants



Status of the supersites in Austria

Urban background supersite:

Vienna AKH (Central Hospital)

- Conurbation Vienna with 2 Mio inhabitants
- operated by City of Vienna since 1986
- Long-term time series of NO_x/NO_2 , PM_{10} , $\text{PM}_{2.5}$, B(a)P
- Monitoring of „new“ pollutants (Annex VII, Table 1) is missing
- Planned cooperation between City of Vienna and Environment Agency Austria for operation
- Funding still under discussion

Rural background supersite:

Illmitz (EMEP site)

- operated by Environment Agency Austria since 1978
- Part of National background monitoring network
- Located in Lake Neusiedl National Park
- Monitoring of mandatory pollutants (Annex VII, Table 2) already in operation
- UFP monitoring since 2021
- Funding by Federal Ministry responsible for Environment

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