

Transformational mini-mobile FTS being tested at 4-Corners (\$100K): July-Aug 2013

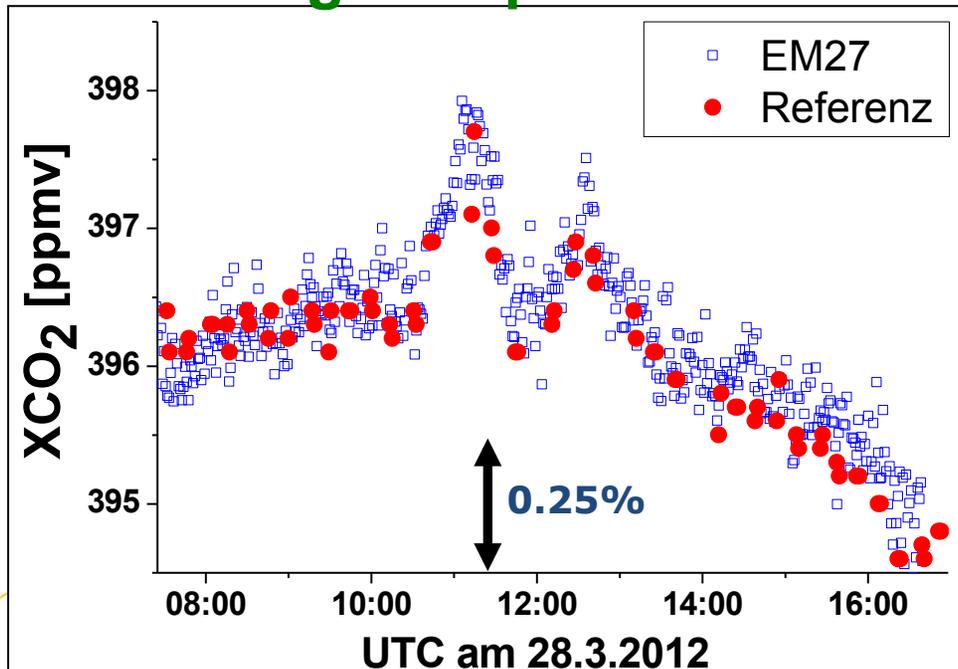
High need for **portable** and **robust** instrument

Without compromising

Accuracy and **long term**

Stability! **EM27/SUN**

Promising Comparisons at KIT



- Pendulum FTIR
- Resolution: 0.5 cm⁻¹
- InGaAs Detector room T
- 470 x 630 x 350 cm
- ~25 kg incl. tracker

- Remote sensing of regional air quality and greenhouse gases – next generation monitoring.
- Nox reduction from San Juan PP boiler upgrade.
- Multiscale Emission Factor Verification (NO_2/CO_2).
- Wide-spread CH_4 source attributed to coal and gas that is missing in current inventories.
- Growth in oil and gas will have impacts that must be managed by responsible policies.

THANK YOU!
QUESTIONS?

