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## acramos is a very flexible tool for various purposes

permanent environmental noise and vibration monitoring of railway operation for

- identification of "irregularities" like wheel flats  $\rightarrow$  safety issue
- monitoring of individual vehicles if vehicle identification is available  $\rightarrow$  test run in summer 2010 with RFID equipped wagons
- data collection for a future (actual) noise related track access charge  $\rightarrow$  reconstruction of unaffected level

temporal noise and vibration monitoring for

- assessment of vehicle or track related mitigation measure
- data collection for noise calculation schemes