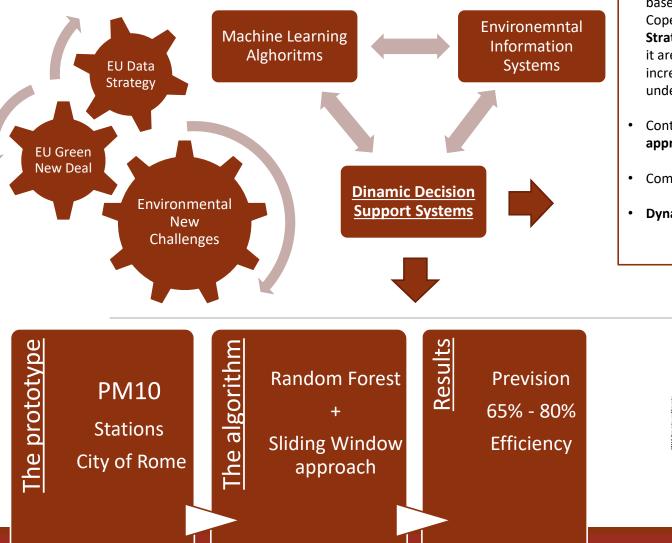
Machine Learning algorithms and environmental decision support systems: a new approach for air quality decision planning

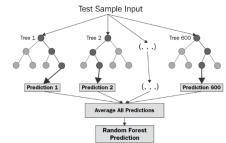
Alessandro Lotti, Maria Chiara Sole

ISPRA – Italian Institute for Environmental Protection and Research

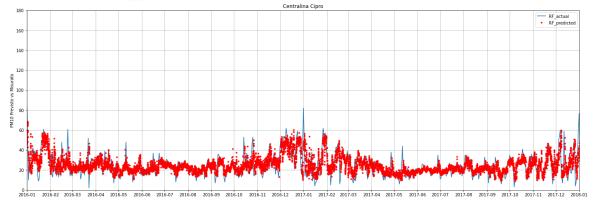


- New dynamic data driven decision support systems, based on big data and continuous data flows (e.g. Copernicus data flow) in line with the European Data Strategy in which access to data and the ability to use it are essential for innovation and growth, in order to increase the transparency of the evidence that underpins policymaking
- Continuous update of data based on a **sliding window approach** and random forest algorithm
- Complex and non-linear phenomena analysis
- Dynamic processing and continuous training





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