



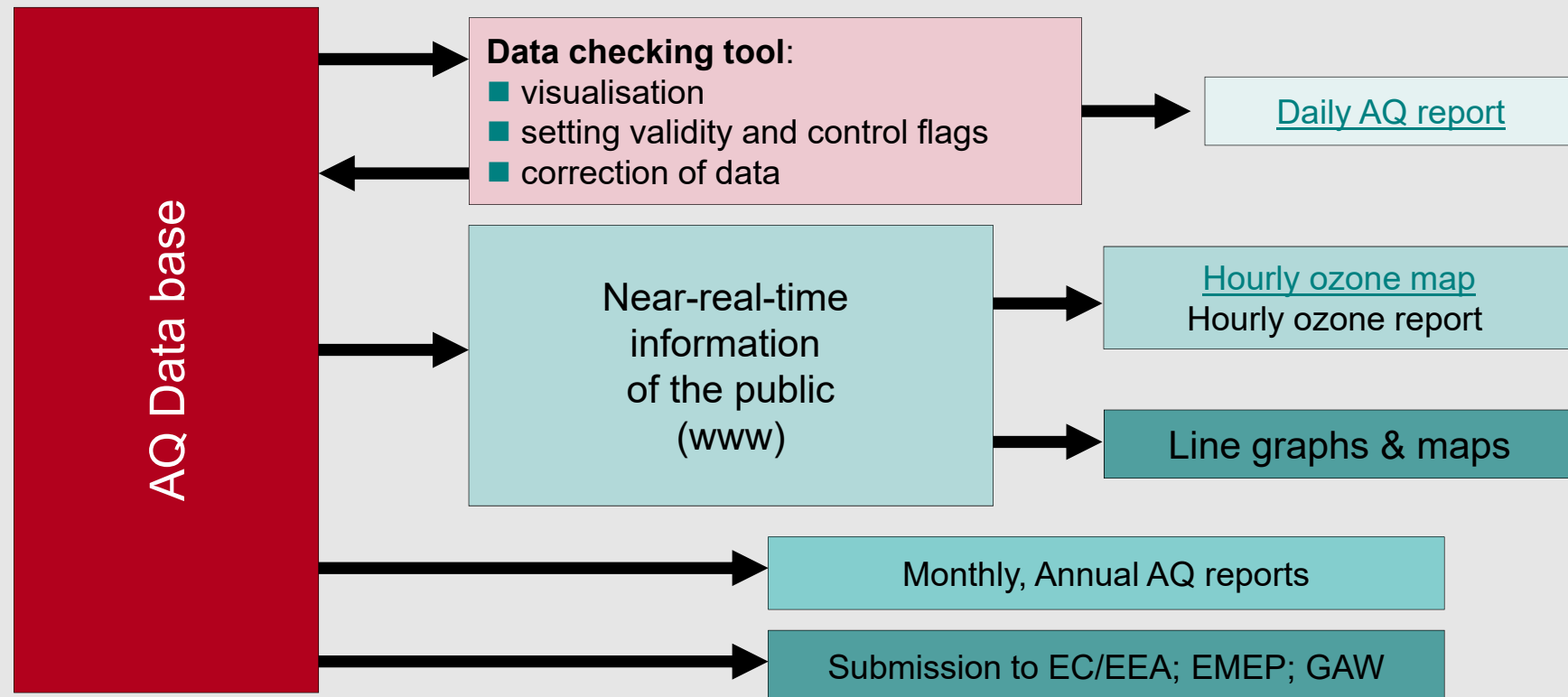
streamlining reporting in Austria

air quality monitoring and reporting from enterprises

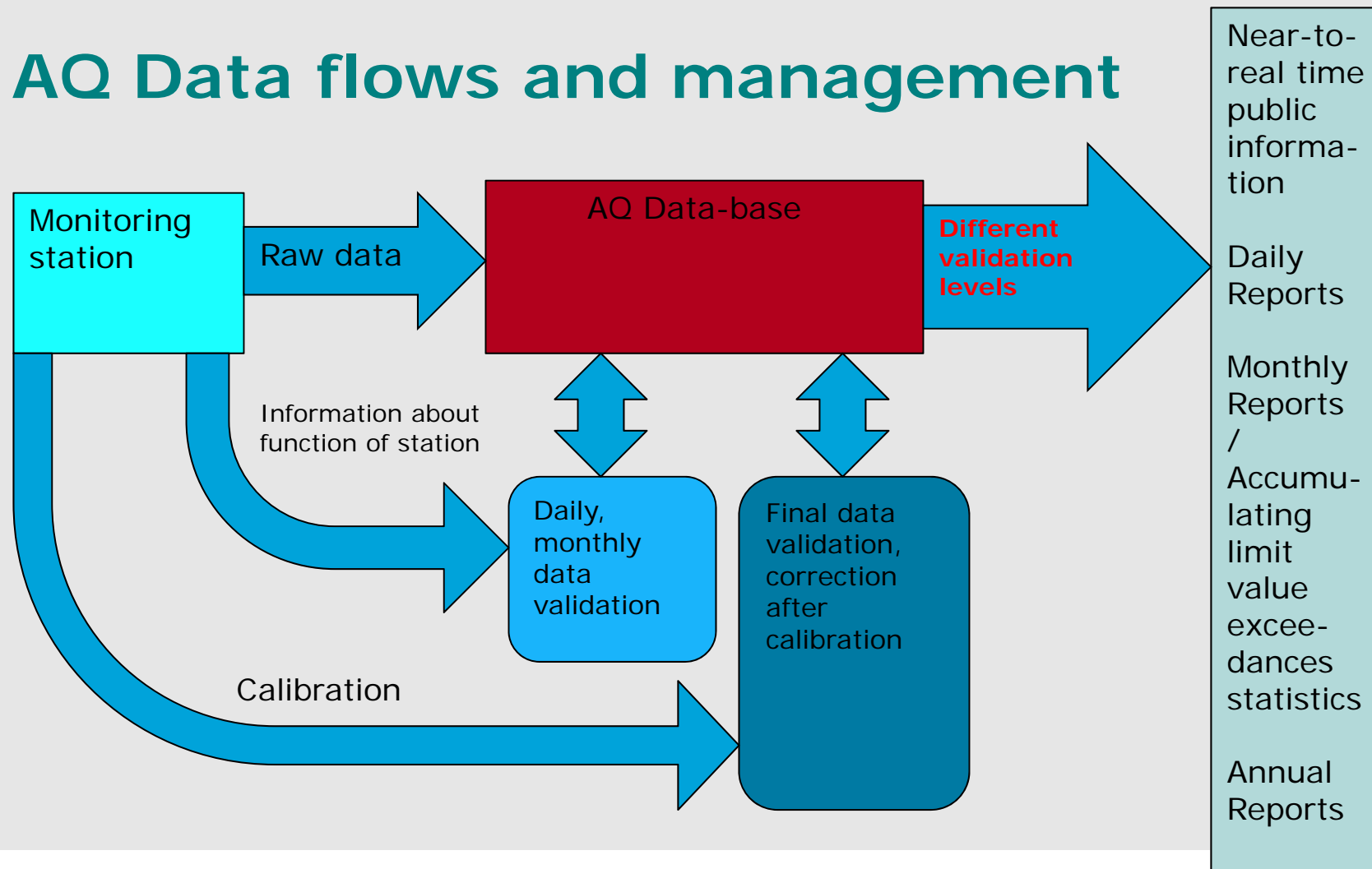
- Small EU&EEA Member State in central Europe with high environmental and institutional governance standards
- Federal Republic with national-level and nine regional parliaments/governments and a corresponding multitude of competencies and institutions
- Thematic lead competence for environmental legislation, monitoring, data handling and reporting are regulated by the Constitution, eg
 - Federation for air quality, water, hazardous waste
 - Regions for nature protection, non-hazardous waste
- Networking and co-operative solutions for effective policy implementation is a must

- Austrian air quality data on www.umweltbundesamt.at
- up-to-date for experts and the public
- Near to real time access since 1996 (core element of first Umweltbundesamt website)
- Web interface from Austrian Air Quality Database which continuously receives data [half hourly mean values] from 10 networks (9 regions & Umweltbundesamt background monitoring) and > 200 Monitoring stations
- Data maintenance/validation/update at network level automatically relayed to national database
- Austrian Air Quality Database provides all national and EU level reporting

AQ data management and dissemination

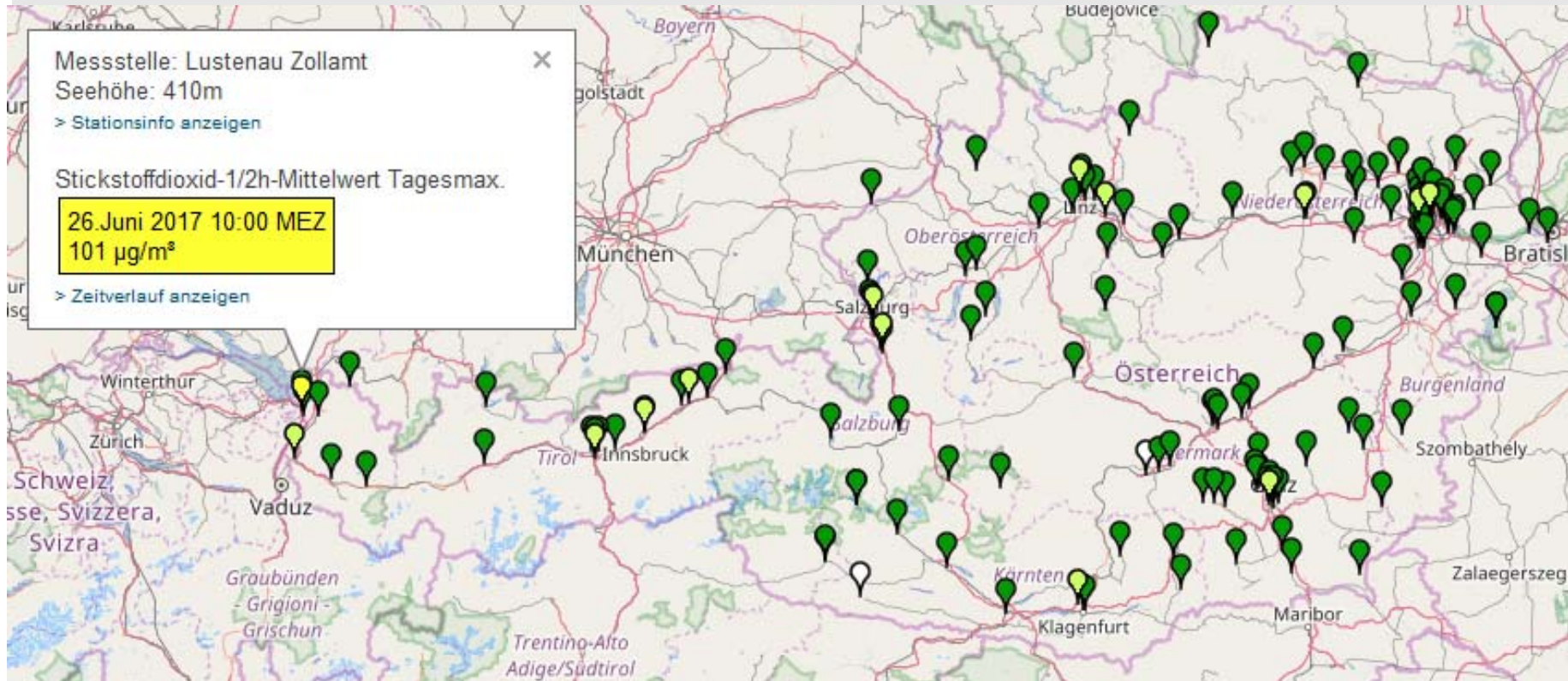


AQ Data flows and management



Nitrogen Dioxide

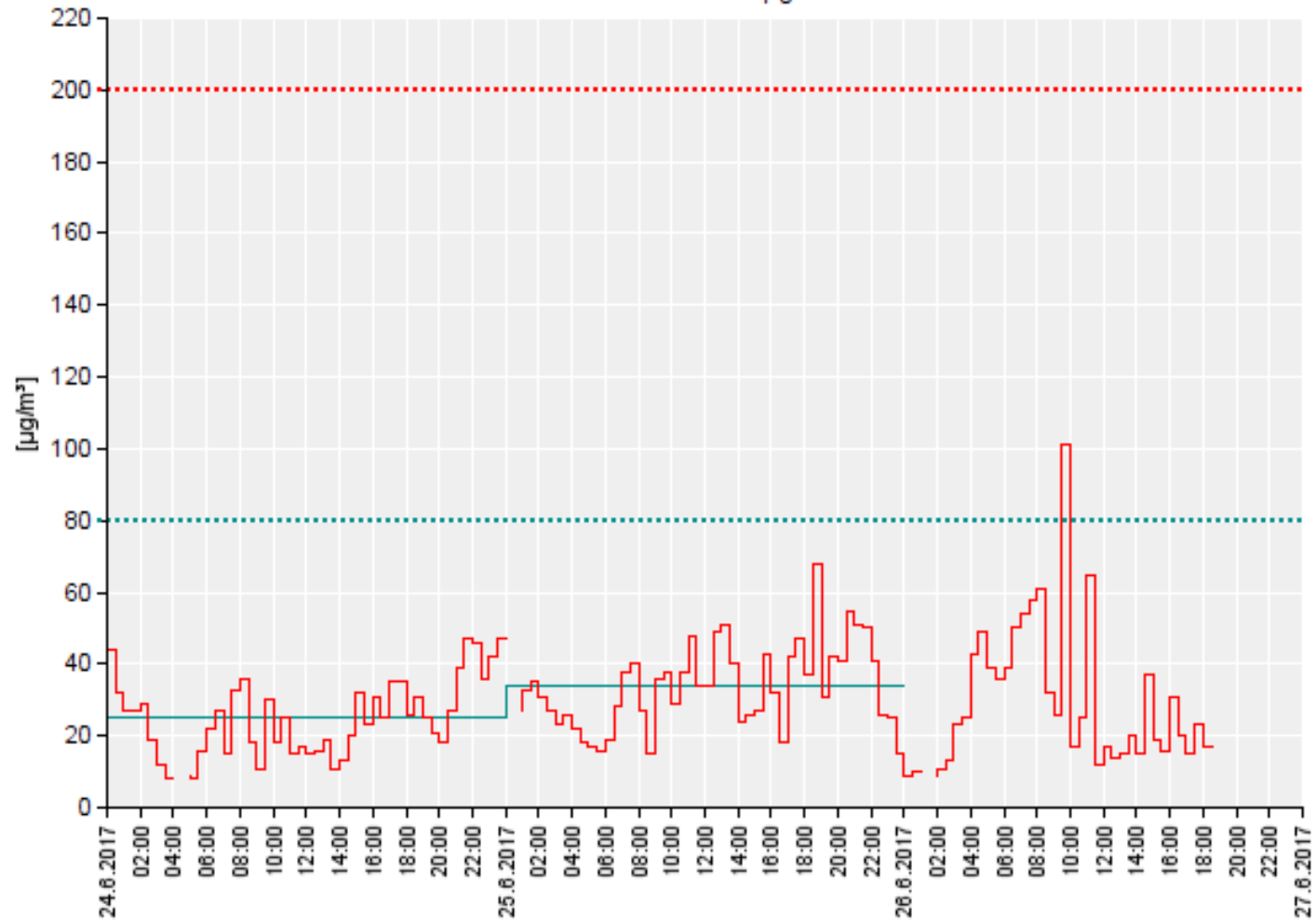
Maximum half hourly mean value of 26 June 2017 (requested at 18 h 44)



Nitrogen Dioxide

Lustenau Zollamt
Stickstoffdioxid in $\mu\text{g}/\text{m}^3$

**Half hourly
and
daily
mean
values
24-26
June 2017
(compared
to limit
values)
requested
26 June
18h44**



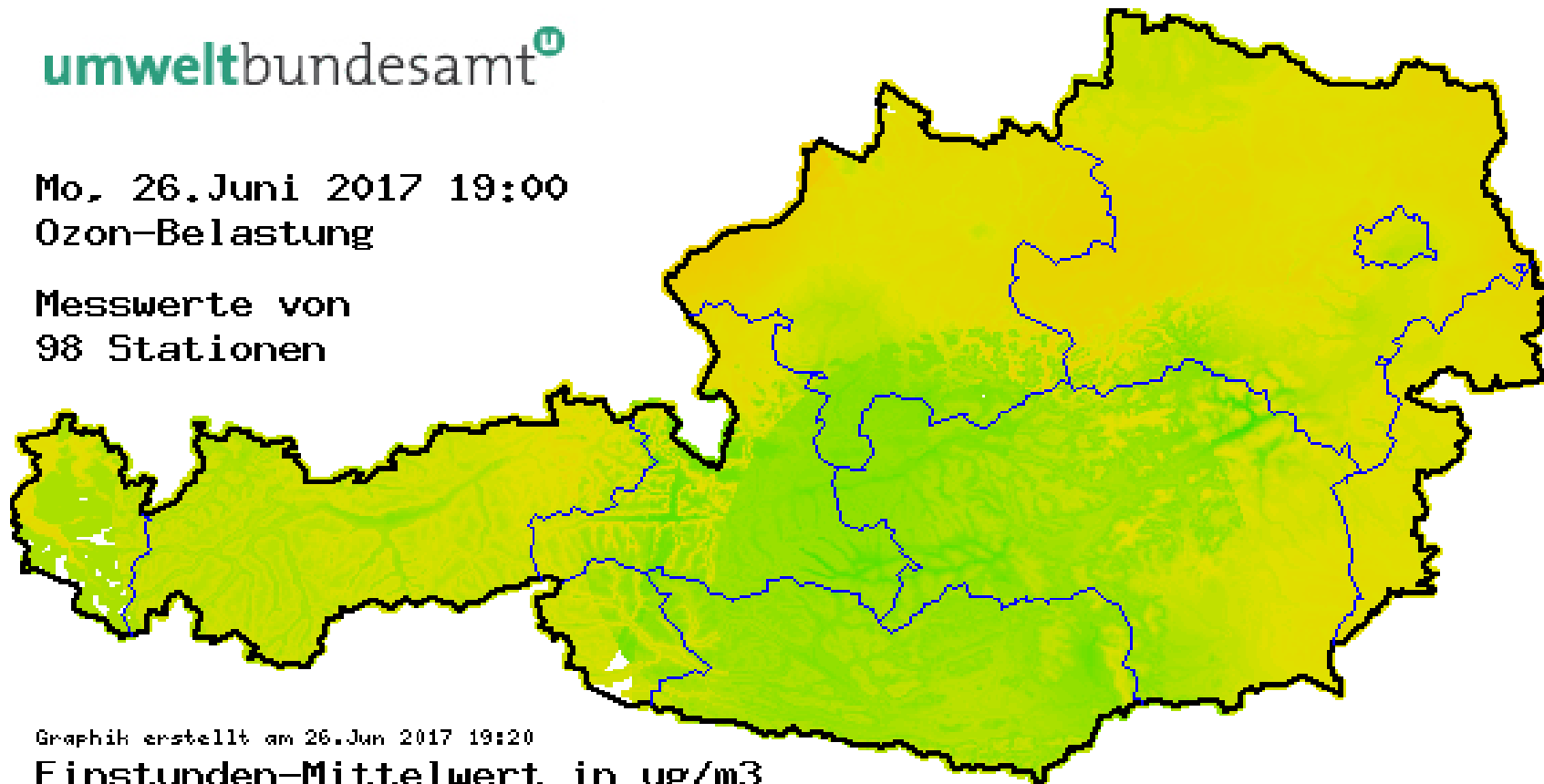
Vorläufige Werte
der Länder und des Bundes
zusammengestellt vom
[Umweltbundesamt](#)
am 26.06.2017 um 18:44:01
(Zeitangaben in MEZ)

Ozone mapping

umweltbundesamt^U

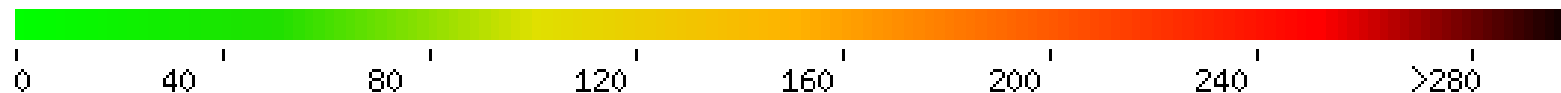
Mo, 26. Juni 2017 19:00
Ozon-Belastung

Messwerte von
98 Stationen



Graphik erstellt am 26. Jun 2017 19:20

Einstunden-Mittelwert in $\mu\text{g}/\text{m}^3$



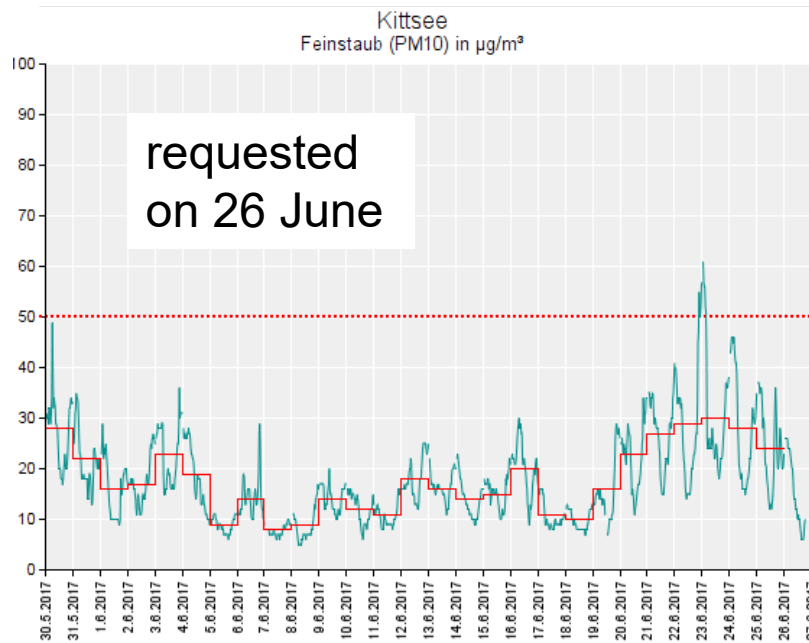
Datengrundlage:

Erstellt aus ungesichteten Daten (1. von 4 Kontrollstufen) der Länder und des Bundes

Schwellenwerte gemäß Ozongesetz:

Informationsschwellenwert: $180 \mu\text{g}/\text{m}^3$, Alarmschwellenwert: $240 \mu\text{g}/\text{m}^3$.

PM10 – 24h MW



Messwerte aktualisieren

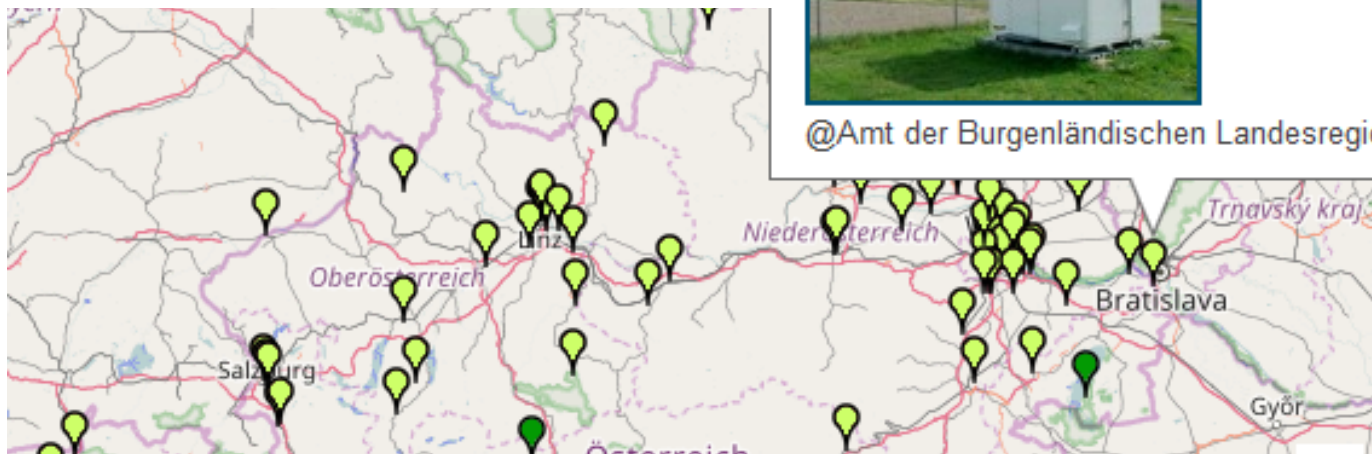
Messstelle: Kittsee
Seehöhe: 138m
> Stationsinfo anzeigen

Feinstaub (PM10)-24h-Mittelwert

25.Juni 2017
24 µg/m³

> Zeitverlauf anzeigen

Kittsee	25.Juni 2017	24 µg/m³
Steyregg Au, Freizeitpark	25.Juni 2017	23 µg/m³
Mödling Bachgasse	25.Juni 2017	23 µg/m³
Salzburg Rudolfsplatz	25.Juni 2017	21 µg/m³
Wiener Neustadt	25.Juni 2017	21 µg/m³
St. Pölten Eybnerstraße	25.Juni 2017	21 µg/m³
Himberg, Alter Markt	25.Juni 2017	21 µg/m³
Klosterneuburg Bahnhof Klosterneuburg-Kierling	25.Juni 2017	21 µg/m³
Hainburg Krankenhaus	25.Juni 2017	21 µg/m³



Limit value Exceedances Statistics Data 1 Jan – 25 June 2017:

Überschreitungen Feinstaub (PM10) 1.1.2017 bis 24.6.2017			
Feinstaub (PM10) Tagesmittelwert			
Messstelle	Messmethode	Anzahl Tage > 50 µg/m³	Werte vorhanden bis
St Graz Don Bosco	grav./kont.	34	30.4/24.6 (100%)
St Graz Süd Tiergartenweg	grav./kont.	33	1.5/24.6 (99%)
St Graz Mitte Gries	kont.	31	24.6 (100%)
St Leibnitz Lastenstraße	grav./kont.	30	3.5/24.6 (99%)
St Graz West - Eggenberg	kont.	29	24.6 (99%)
St Graz Ost Petersgasse	grav./kont.	28	1.5/24.6 (99%)
B Kittsee	kont.	25	24.6 (95%)
St Weiz Bahnhofstraße	kont.	23	24.6 (99%)
St Judenburg, Sportplatz	kont.	0	21.6 (96%)
St Masenberg	kont.	0	24.6 (98%)
T Heiterwang	kont.	0	24.6 (89%)

PM 10 – 24h MV

Limit value Exceedances Statistics for 2016 [available from 2001]:

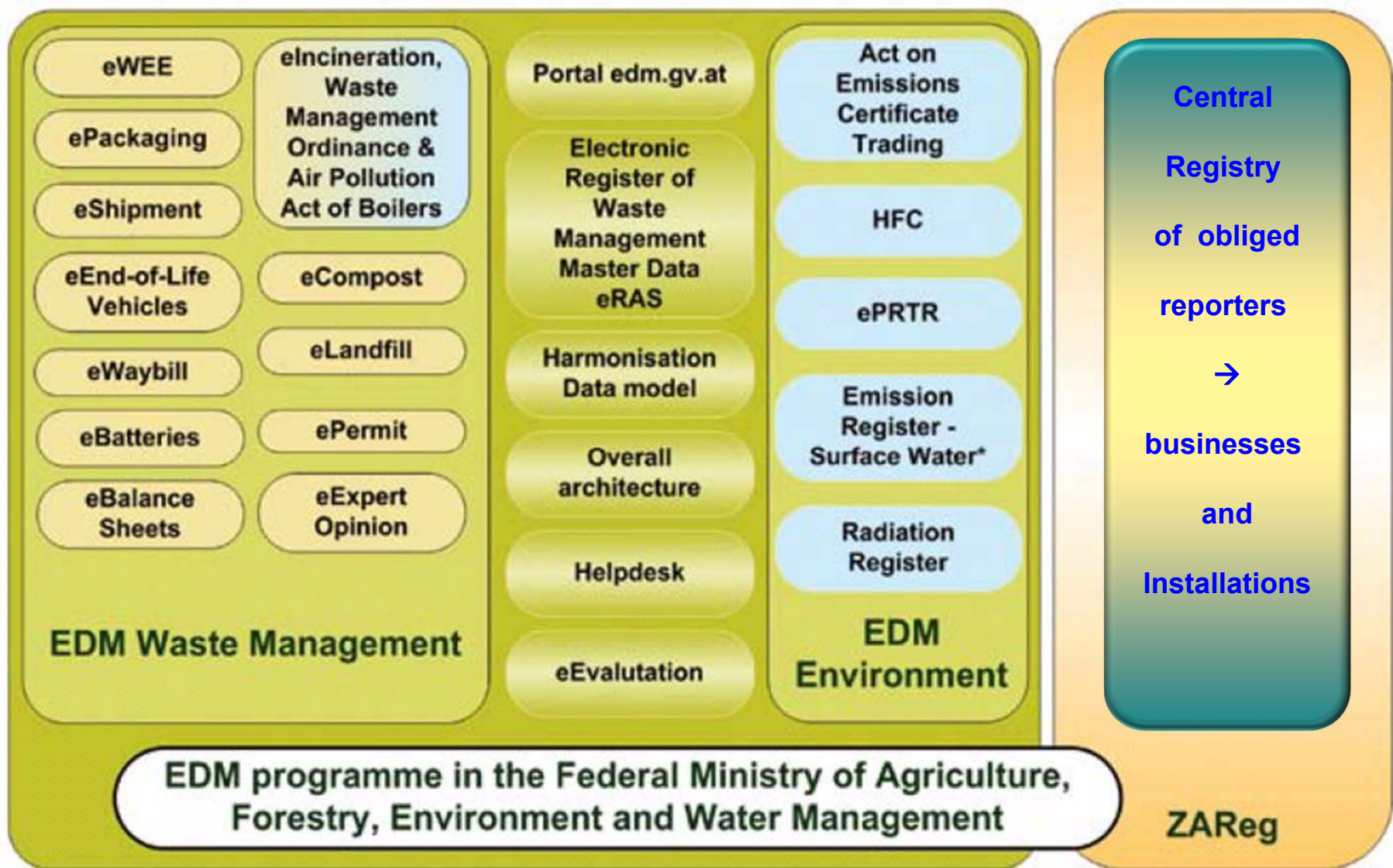
Überschreitungen Feinstaub (PM10) 1.1.2016 bis 31.12.2016			
Feinstaub (PM10) Tagesmittelwert			
Messstelle	Messmethode	Anzahl Tage > 50 µg/m³	Werte vorhanden bis
St Graz Don Bosco	grav./kont.	39	31.12/- (100%)
St Graz Süd Tiergartenweg	grav./kont.	34	31.12/- (100%)
K Klagenfurt Völkermarkter Straße	kont.	29	31.12 (100%)
St Graz Mitte Gries	kont.	29	31.12 (99%)
K Ebenthal Zell	kont.	28	31.12 (99%)
St Graz West - Eggenberg	kont.	25	31.12 (95%)
St Leibnitz Lastenstraße	kont.	25	31.12 (99%)
St Graz Ost Petersgasse	grav./kont.	24	31.12/- (100%)
OÖ Bad Ischl, Rettenbachstraße	kont.	0	31.12 (97%)
OÖ Linz 24er Turm A7	kont.	0	31.12 (66%)
T Heiterwang	kont.	0	31.12 (91%)

Regional/Global Recommendations



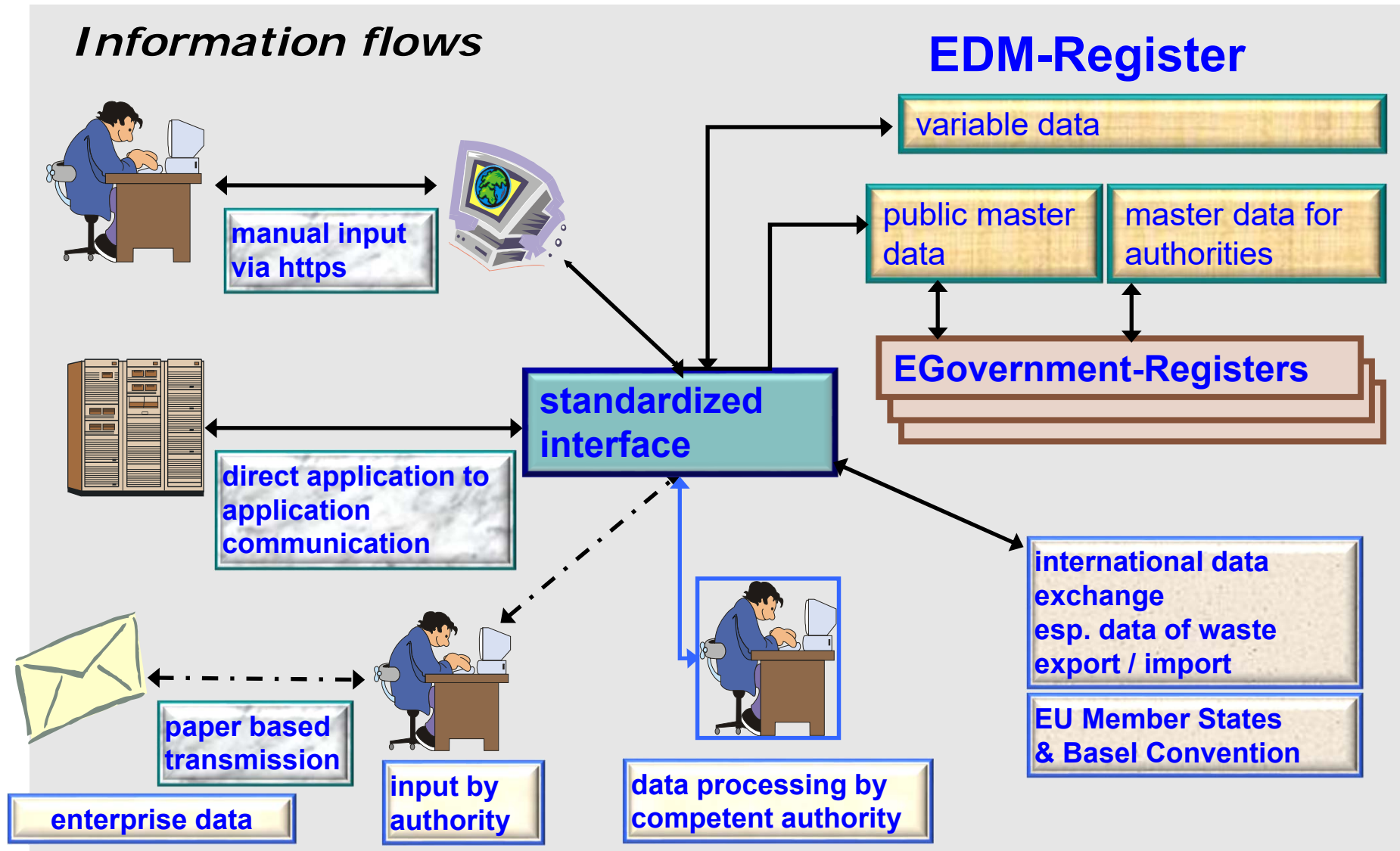
- Make new continuous air quality stations visible through national web services and international portals (as www.aqicn.org)
- In order to maximise public information, develop a method to include data from manually sampled stations to www.aqicn.org
- Apply (from November 2017) the new European Air Quality index to www.aqicn.org (currently only US-EPA Air Quality index)

- “One-stop-shop” (one single, legally binding self-registration of businesses) for all permitting procedures and related reporting to the Authorities through the portal www.edm.gv.at (“electronic data management” - EDM)
- Started 2003 in waste management, gradually extended to other thematic areas
- Supports all data handling, administration and further reporting by Authorities (at federal, regional & local levels)
- Technically managed by Environment Agency IT Dept on behalf of the Ministry of Environment
- Assures transparent documentation and simplifies reporting & data management for both businesses and authorities



* also part of WISA (Water Information System Austria)

Information flows



Data management principles

- Differentiated, carefully defined and managed access rights of all users according to their legal/institutional competencies and data protection needs/rights
- Trust of businesses in correct data handling is essential to further improve and intensify electronic co-operation with the Authorities
- Public access is limited to basic functions of public service interest (such as collection services for specific wastes) and technical information on the system
- Only accumulated data are published in national reports/statistics
[exception: operator-specific data in ePRTR]

EU Waste Statistics and other reporting for Austria

- Waste statistics according to EU waste statistics regulation are compiled on basis of EDM-Data
 - Waste generation (hazardous/non hazardous)
 - Number of treatment installations and residual capacity of landfills
 - Treated waste (landfill, incineration, recovery)
- Report according to EU waste incineration directive
- Reports on Waste Electrical and Electronical Equipment (WEEE), Batteries and End-of-Life Vehicles (EoLV)
- Basel Convention report (export/import of waste)
- Greenhouse Gas emissions from the waste sector

Thank you for your attention



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