Updates and new capabilities of the MQI Mapping tool

E. Pisoni, P. Thunis, S. Zauli, D. De Marchi, A. Di Taranto

https://jeodpp.jrc.ec.europa.eu/eu/dashboard/voila/render/FAIRMODE/FAIRMODEConcentrations.ipynb

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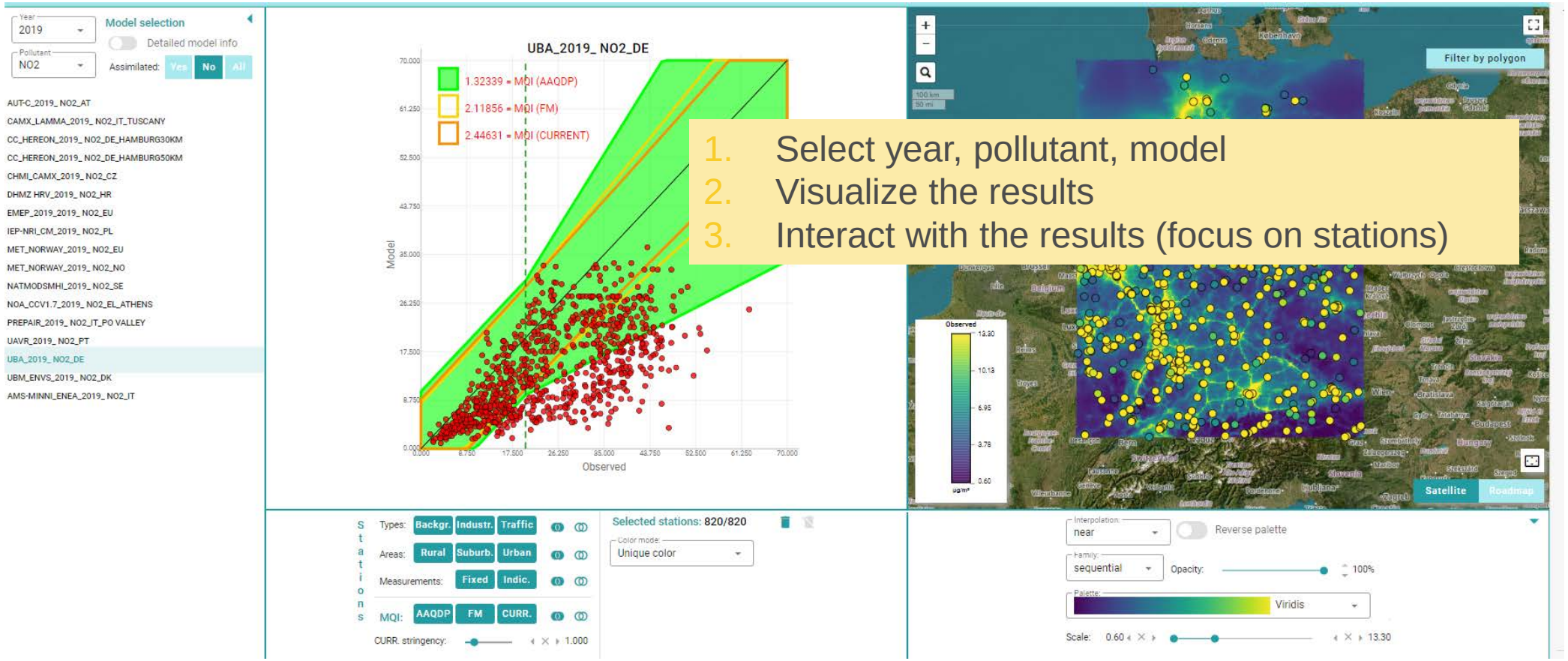
Concentrations app: screenshot



1. Select year, pollutant, model
2. Visualize the results
3. Interact with the results (focus on stations)

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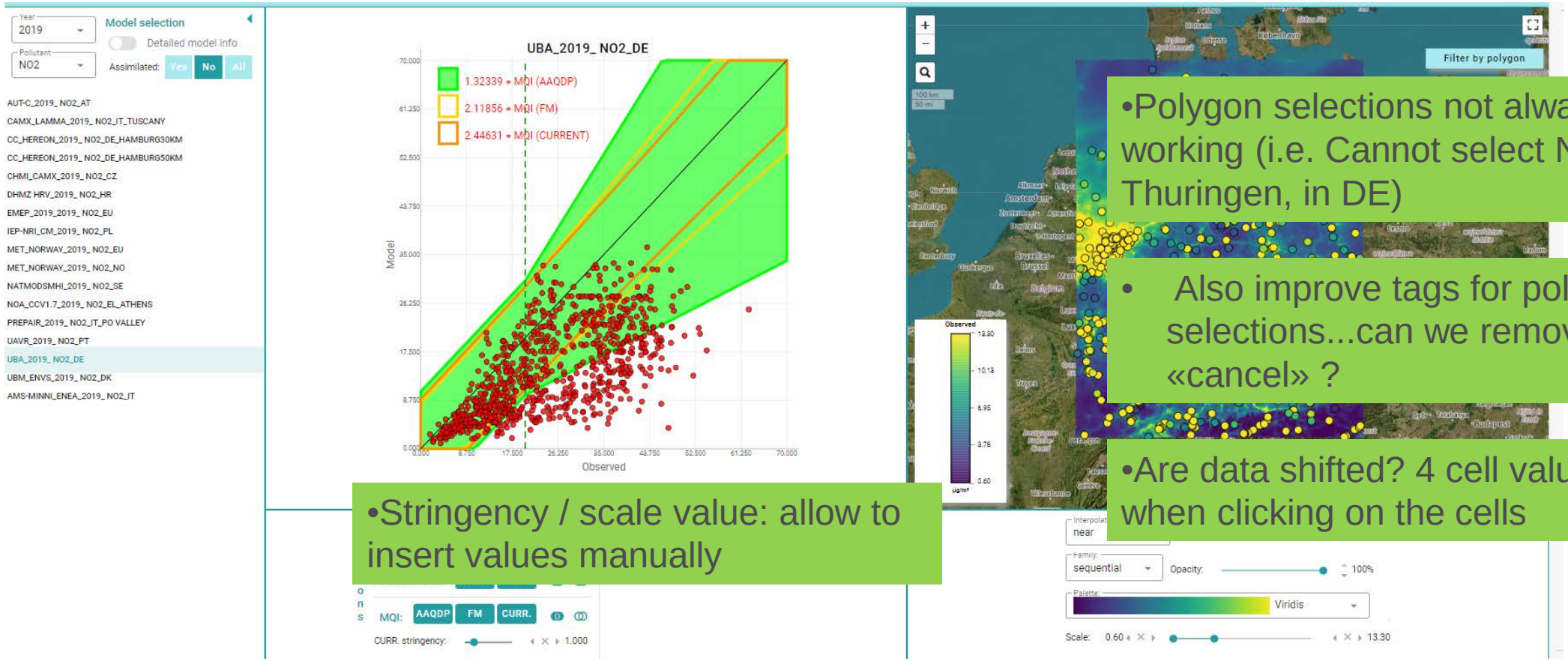
Concentrations app: improvements



- Polygon selections not always working (i.e. Cannot select NUTS2 Thuringen, in DE)
- Also improve tags for polygon selections...can we remove «cancel» ?
- Are data shifted? 4 cell values when clicking on the cells
- Stringency / scale value: allow to insert values manually

Concentrations app: open issues

To be done:

- Meta information in DB: spatial resolution? Emission data used? ...
- Simplify the DB for data upload
- Improve meta information for observations
- How to select stations for validation?

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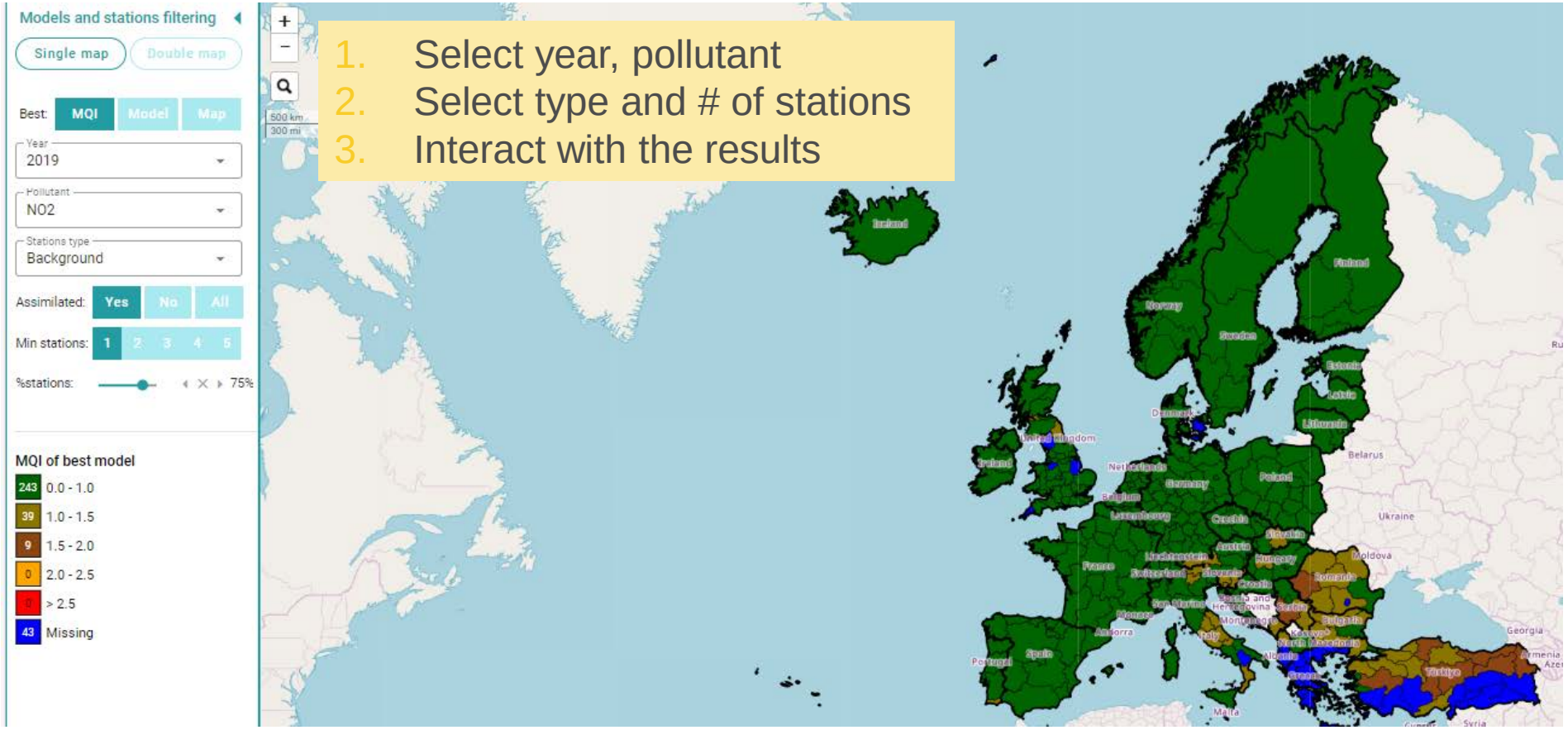
MQI – Model - Map



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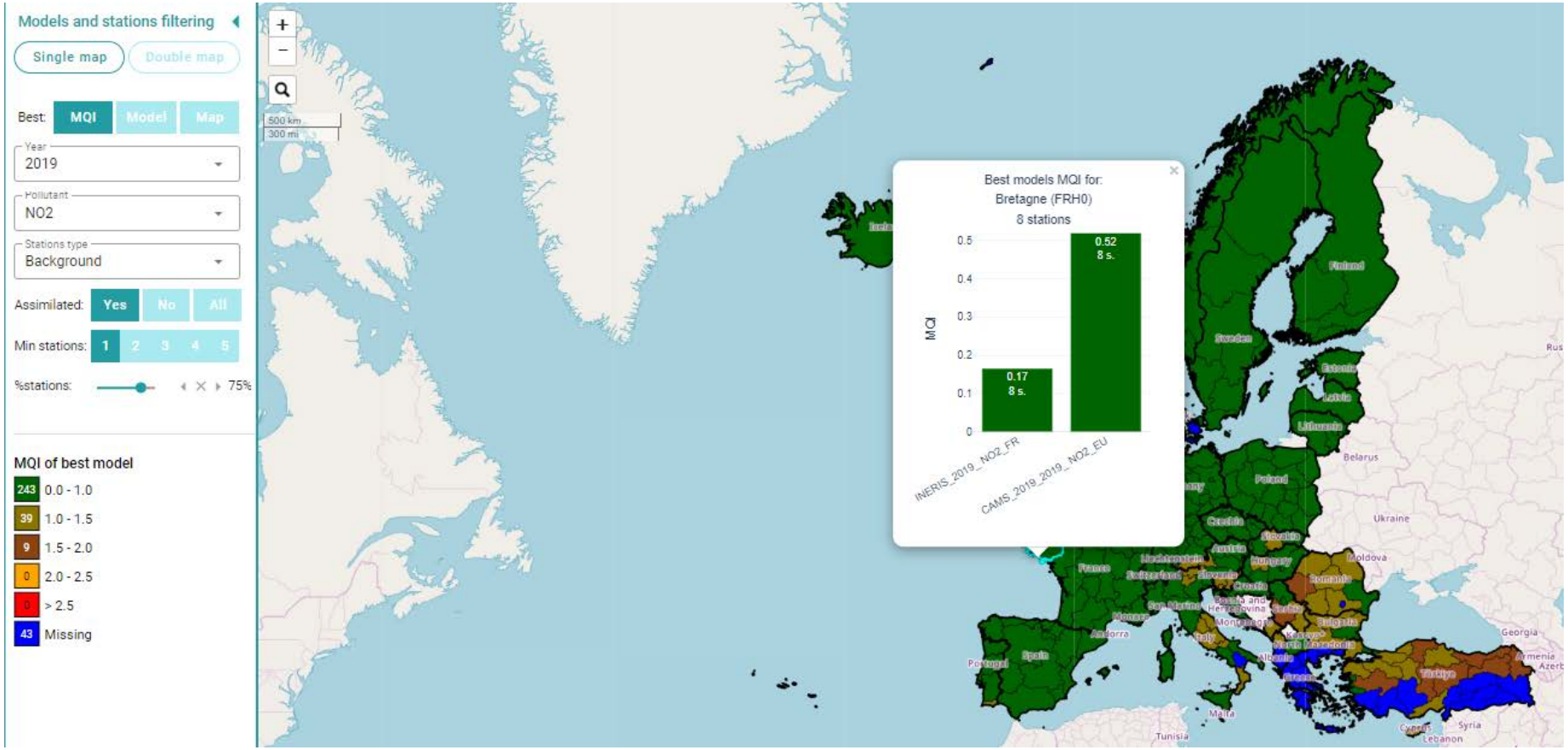
MQI – Model - Map



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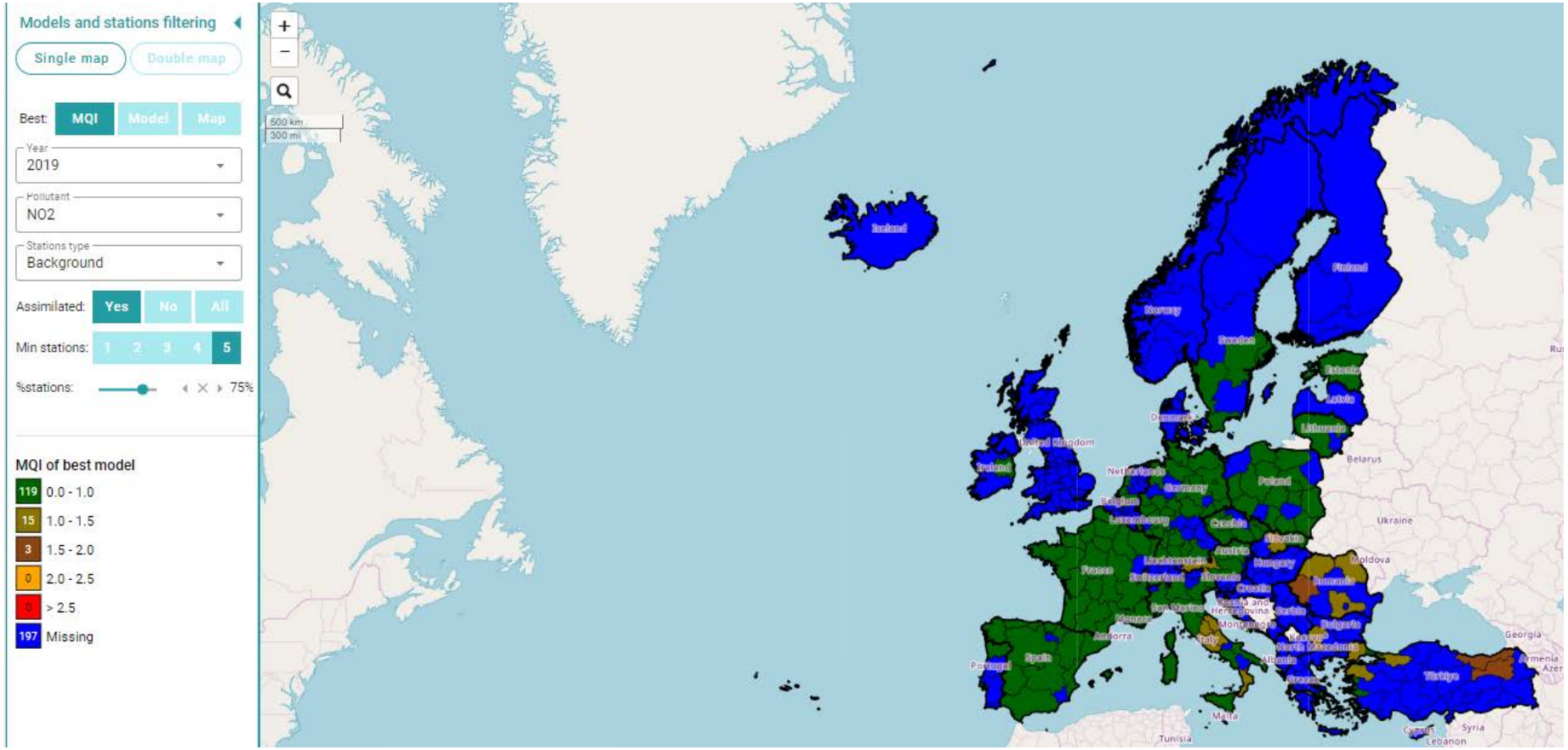
MQI – Model - Map



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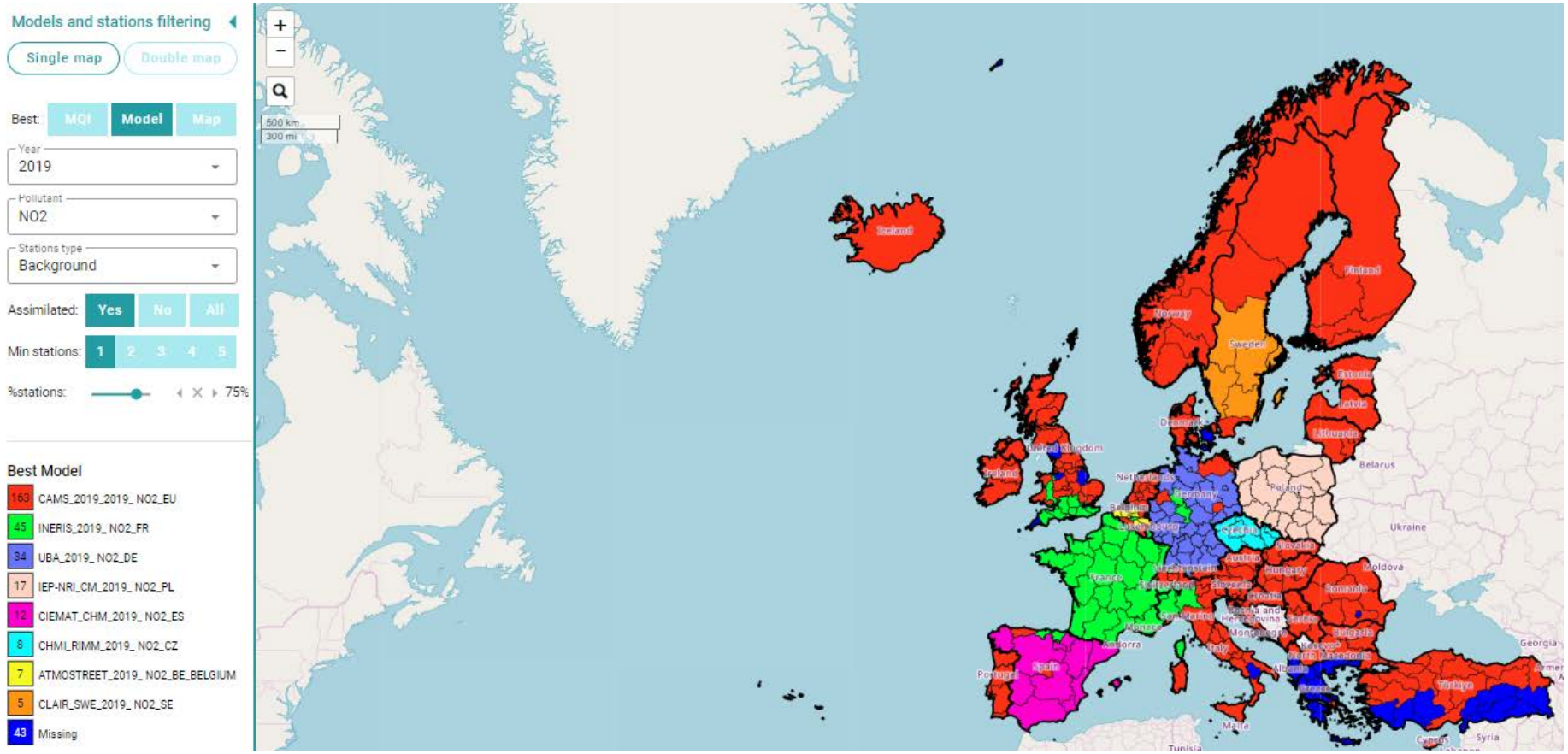
MQI – Model - Map



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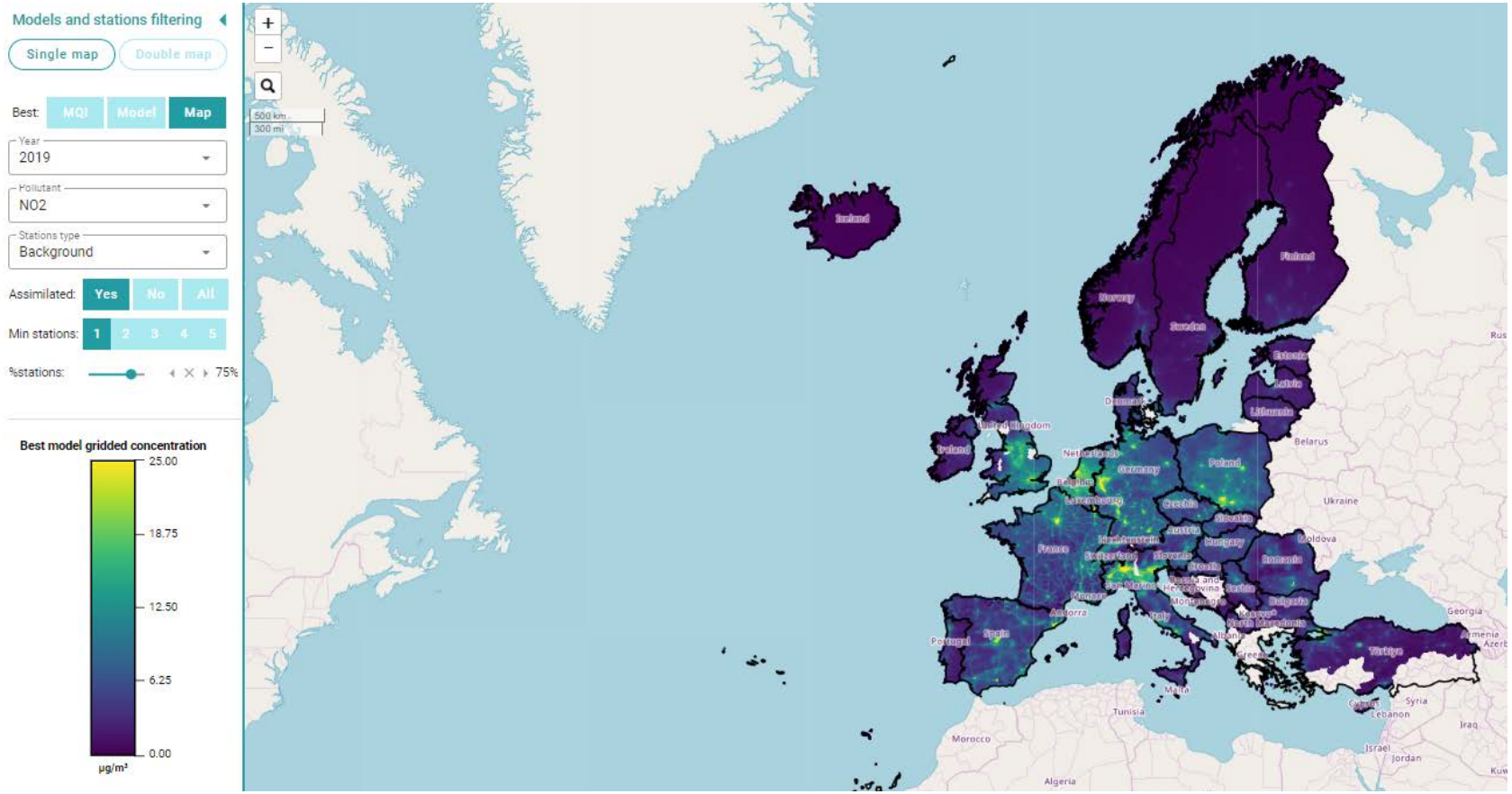
MQI – Model - Map



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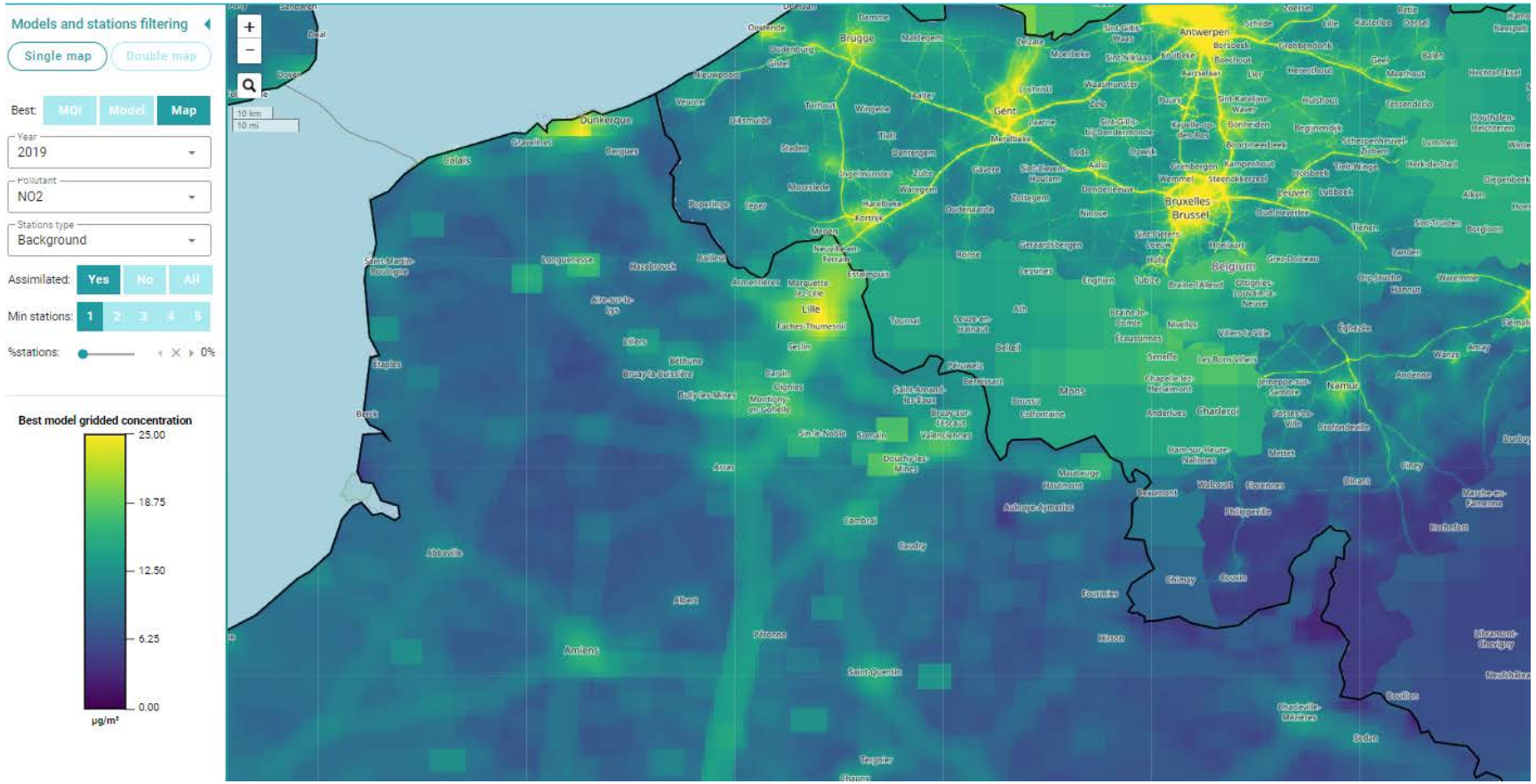
MQI – Model – Map(zoom)



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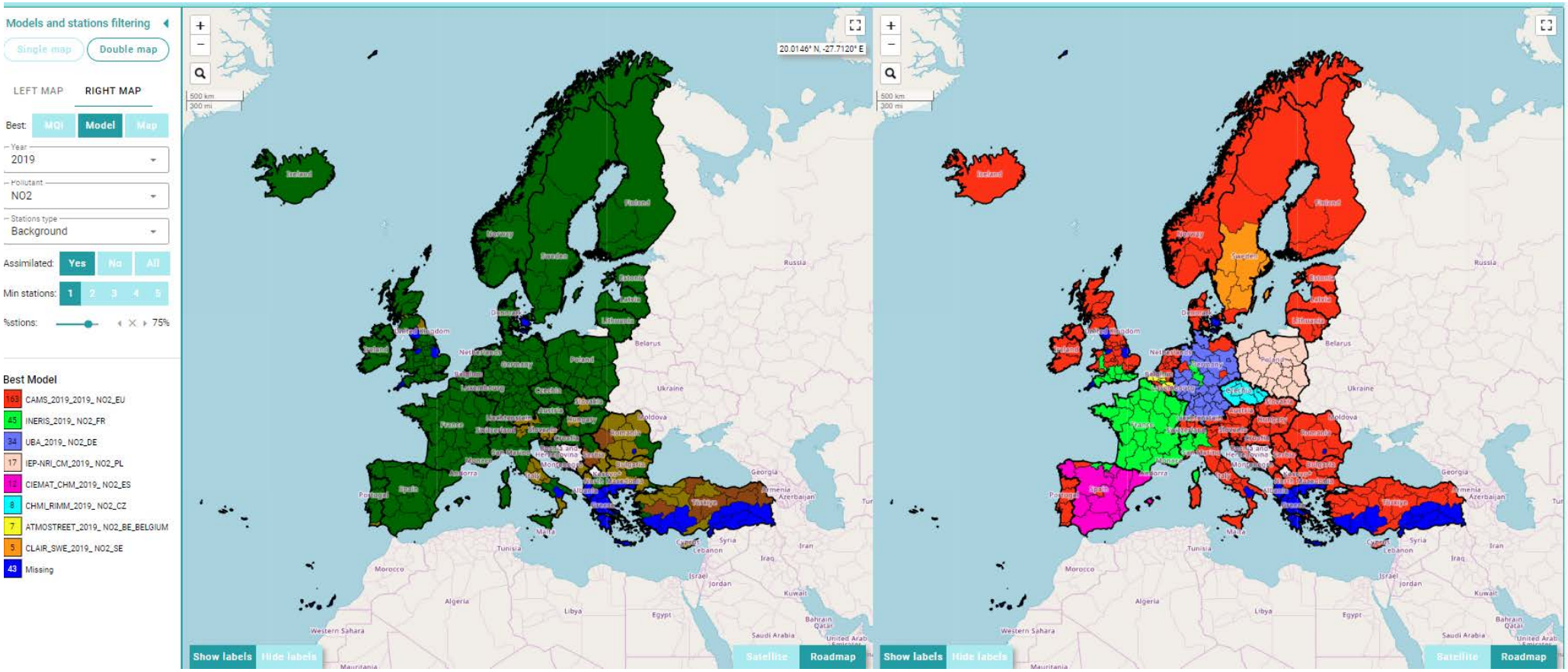
Double map



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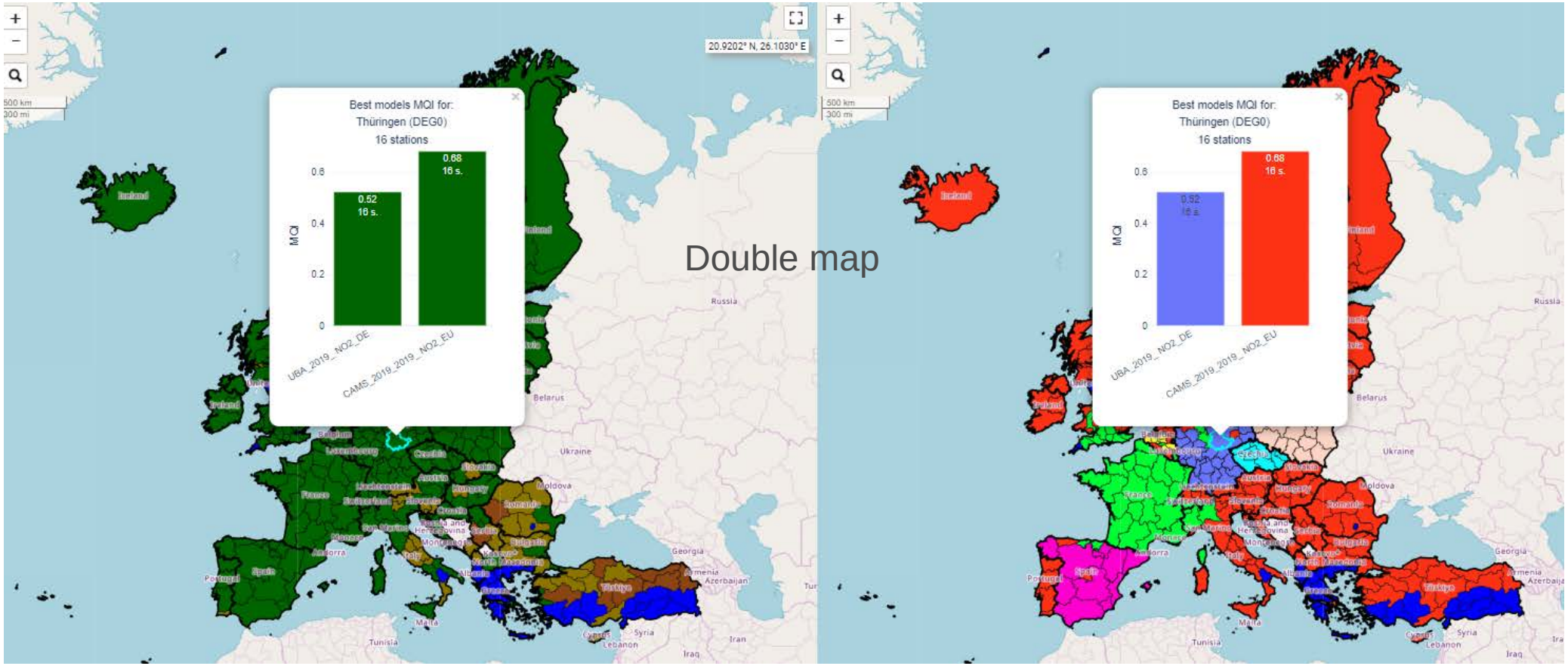
Double map(zoom)



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Conclusions

After uploading your yearly average concentrations on the DB, you can:

- Check your model vs observations (using MQI)
  - Meta information in DB: spatial resolution? Emission data used? ...
  - Simplify the DB for data upload
  - Improve meta information for observations
  - How to select stations for validation?
- Check your model vs other models on the same domain
  - Any feedback on this?

Thank you

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