

- EPN DENSIFICATION - Will ever repro3 end?

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EPND history

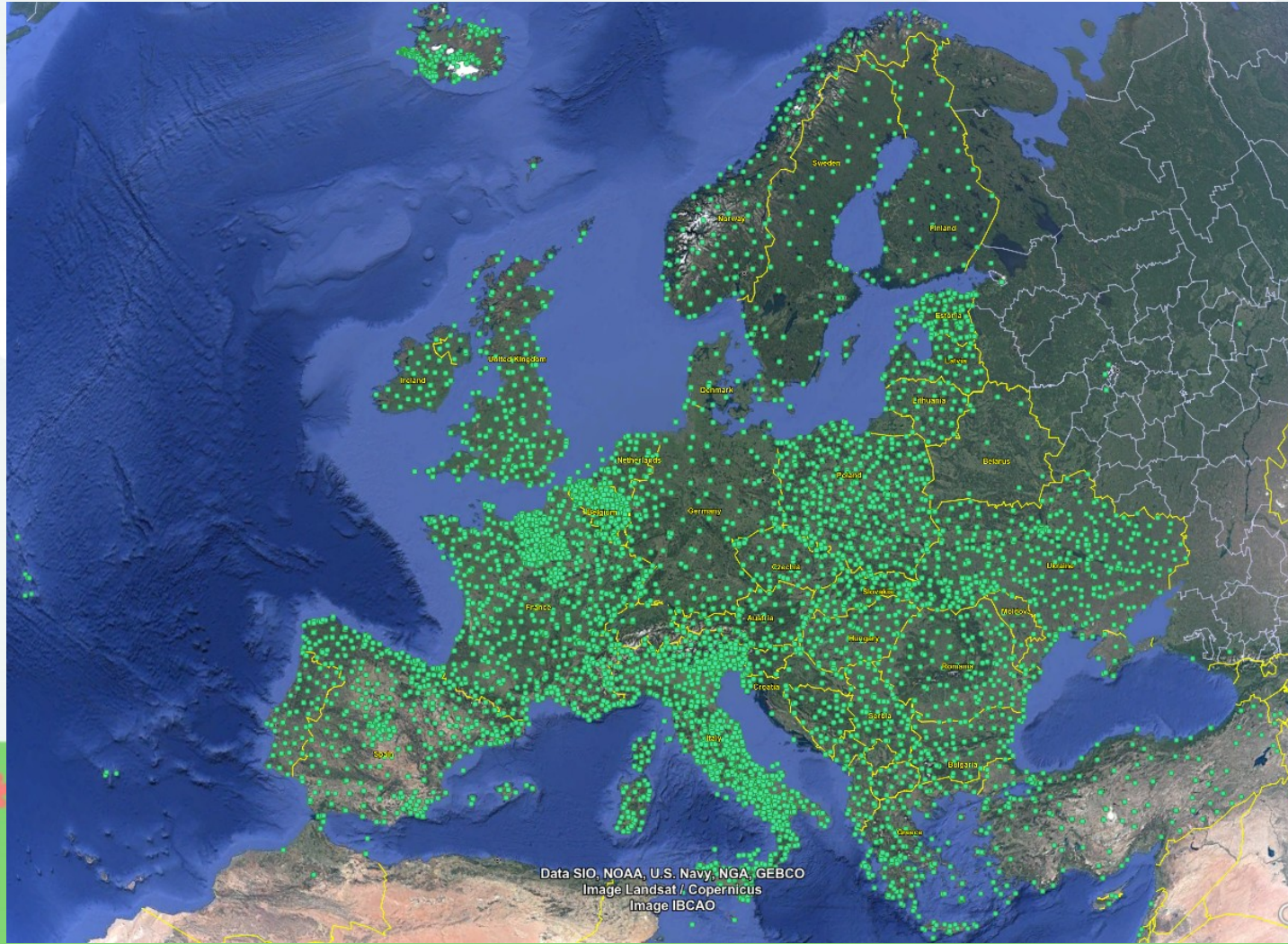
- D1933 in IGB08, as “pioneer” solution
- D2050 in IGS14, as “intermediate” solution – after repro2
- D2100 in IGS14, as major achievement
 - revised weighting approach
- D2150, as first “stable” solution
 - new webpage, still complete WEEKLY re-combination
- D2200 – extension of D2150, no complete re-combination
- D2237 – extension up to the last week in IGB14 in 2023!

and then came repro3 ...

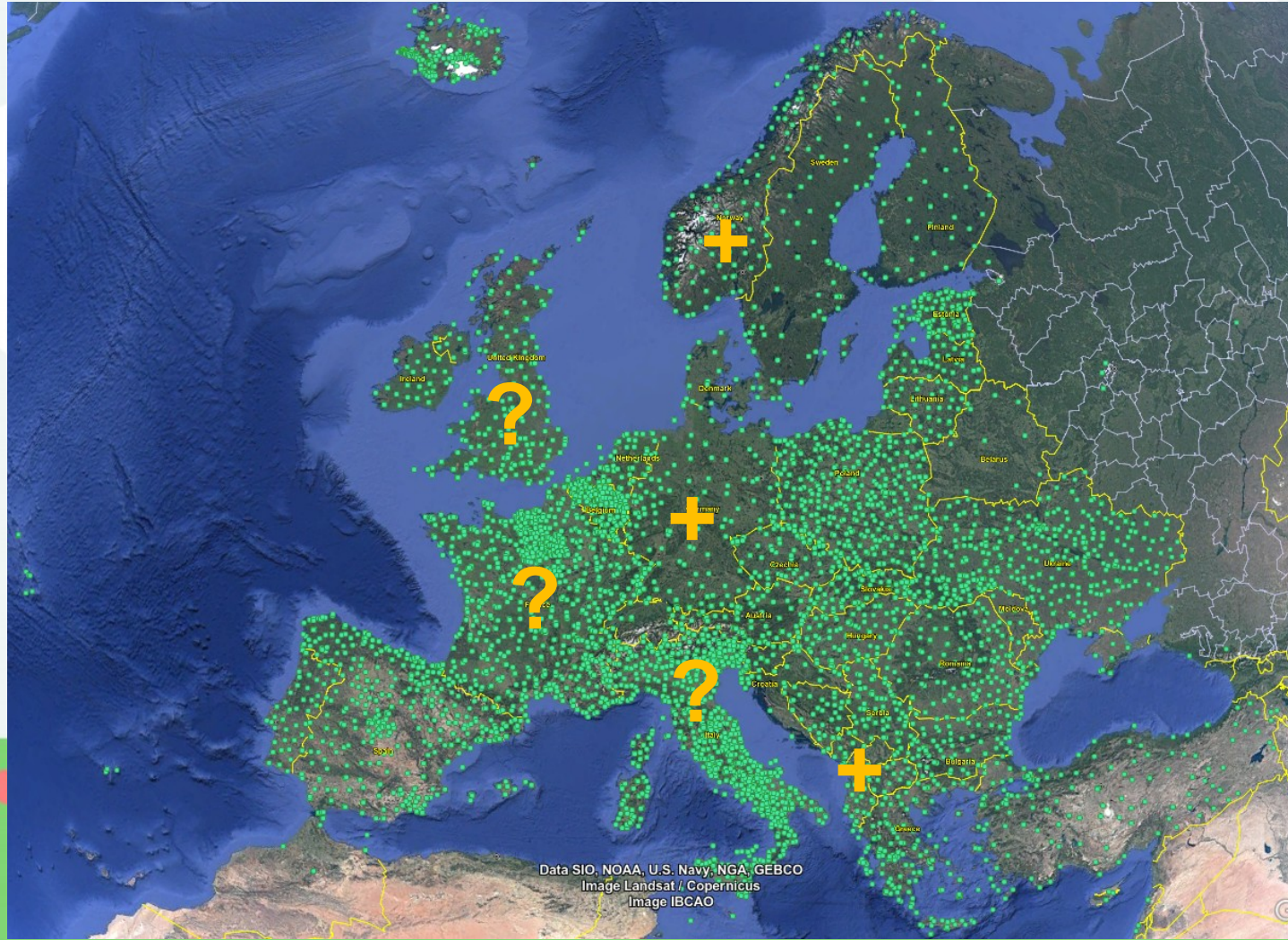
EPND repro3

- The **biggest challenge we ever faced** in GNSS data processing – big data superposed with sw & strategy update ...
- Delays of course and some **mission impossible** cases: large countries, large networks;
- re-taking the routine processing (wk2238 onward) is already a general success;
- Benchmark campaign offered successfully for AC validation;
- Combination expected to be easier – get rid of PCV issues

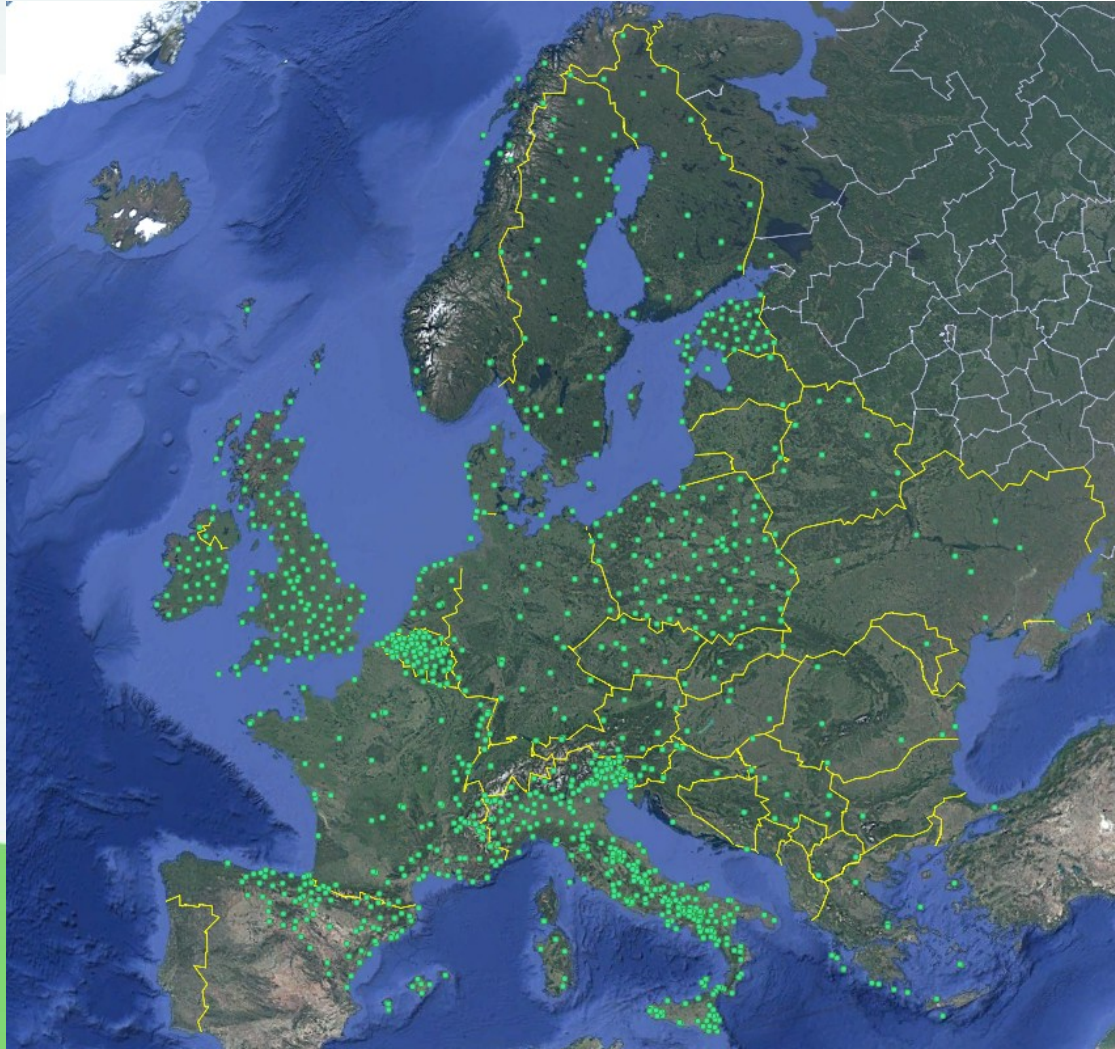
EPND status – all in (5808 stations)



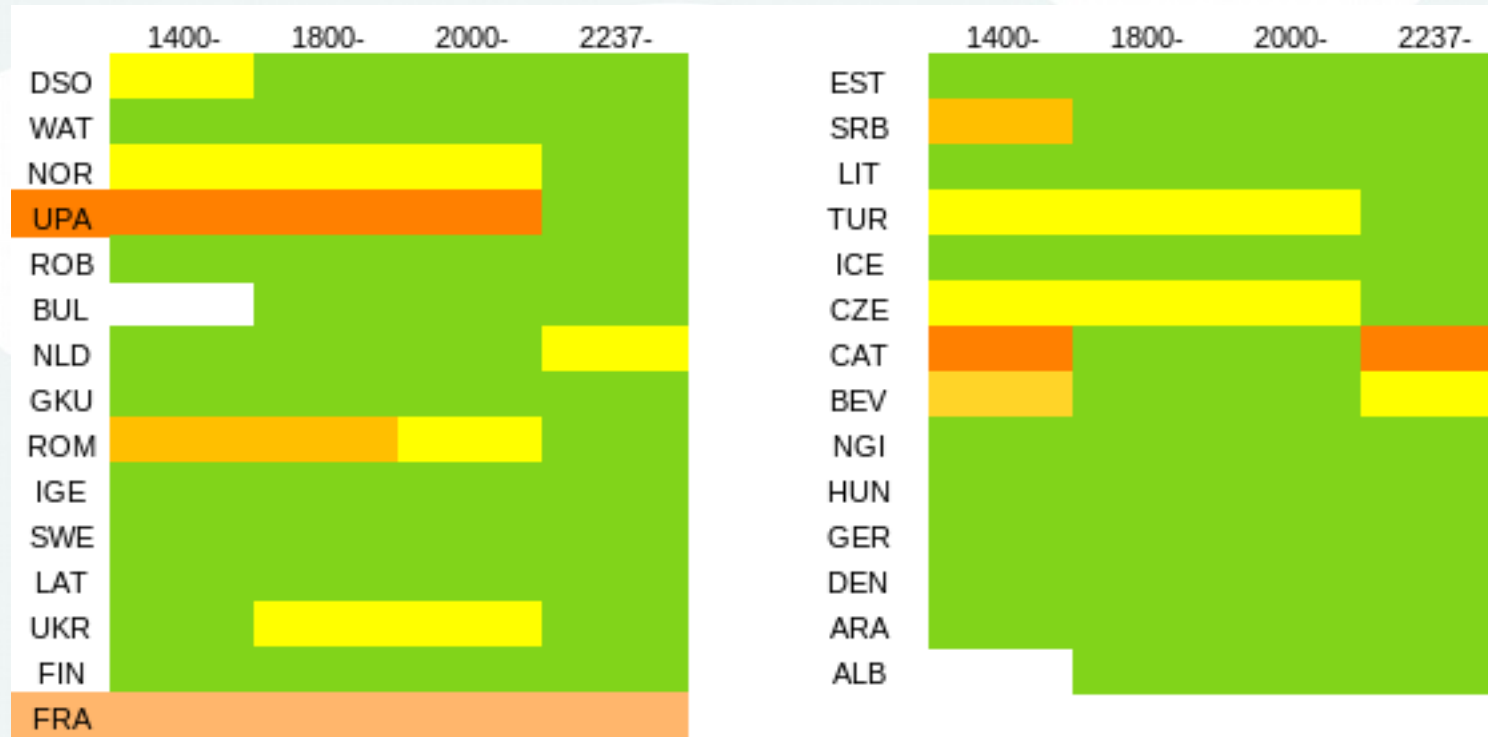
EPND current status



EPOS status by UGA group



EPND current status



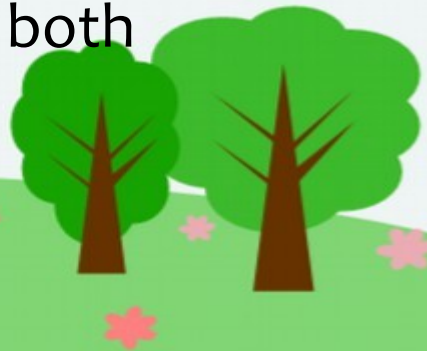
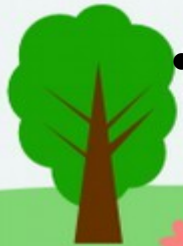
EPND data perspectives

- Still waiting for the completion of REPRO3 – **some network may need assistance ...**
- Completed networks are pre-processed, routine part pre-combined;
- Will certainly be a superior solution wrt D2237 (more stations, no PCV issues, more homogeneous input)
- No IGb14 & IGS2020 mixed combination is foreseen
- The 1st combination (even it is incomplete) in Q4 2026



EPND management perspectives

- Working Group chair to Coordinator
- Involvement of AK is up to mid-2027, the last release will be D2399 (several updates may expected)
- The coming year is for the smooth transition to the new Coordinator, Joaquín Zurutuza
- An EPND manual is under preparation
- D2350 will be a co-production and parallel product of both





AND FINALLY ...

- REPRO₃ WAS AND STILL THE HIGHEST CHALLENGE FOR OUR COMMUNITY.
- ENDLESS APPRECIATION AND THANKS TO ALL OF THE ACs FOR THE ENORMOUS EFFORTS!!!

MANY, MANY THANKS TO ALL OF YOU !!!

