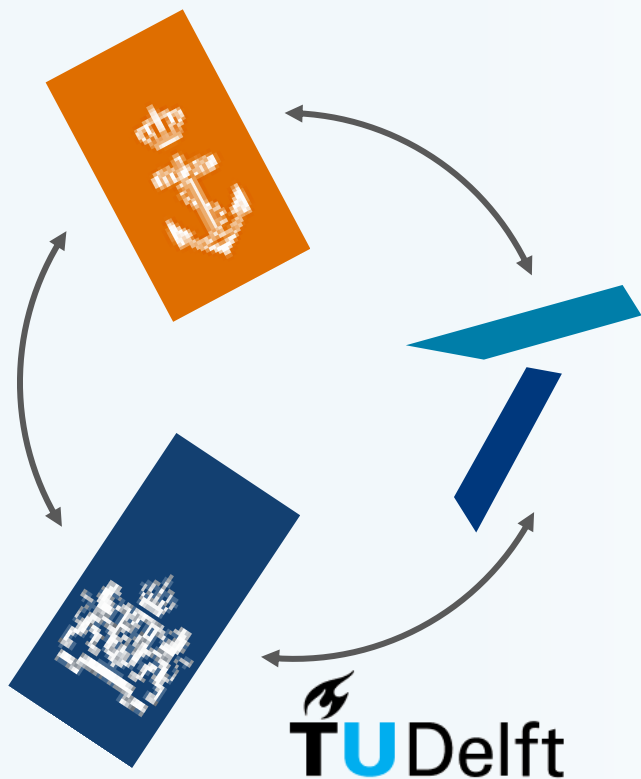




Lennard Huisman ^{1,3}
Bas Alberts ²
Ramon Hanssen ³
Jochem Lesparre ¹
Huib de Ligt ¹
Hans van der Marel ³

¹ Kadaster
² Rijkswaterstaat
³ Delft University of Technology

National report the Netherlands

EUREF 2023
23–26 may 2023, Göteborg, Sweden

Coordinate reference systems

Transition from RDNAPTRANS™2008 to RDNAPTRANS™2018 finalised without issues

Recommendations for NL geo-APIs and EPSG codes:

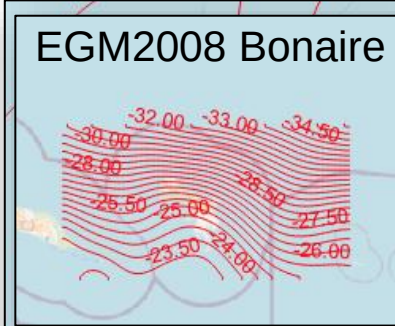
- In case data is provided using an EPSG ensemble code, also provide the same data in the EPSG code of the EPSG ensemble member that is being used
- When a null transformation is used for the transformation between to EPSG codes, provide the data in both EPSG codes.

BESTRANS published on website



7883

Measurement campaign Bonaire

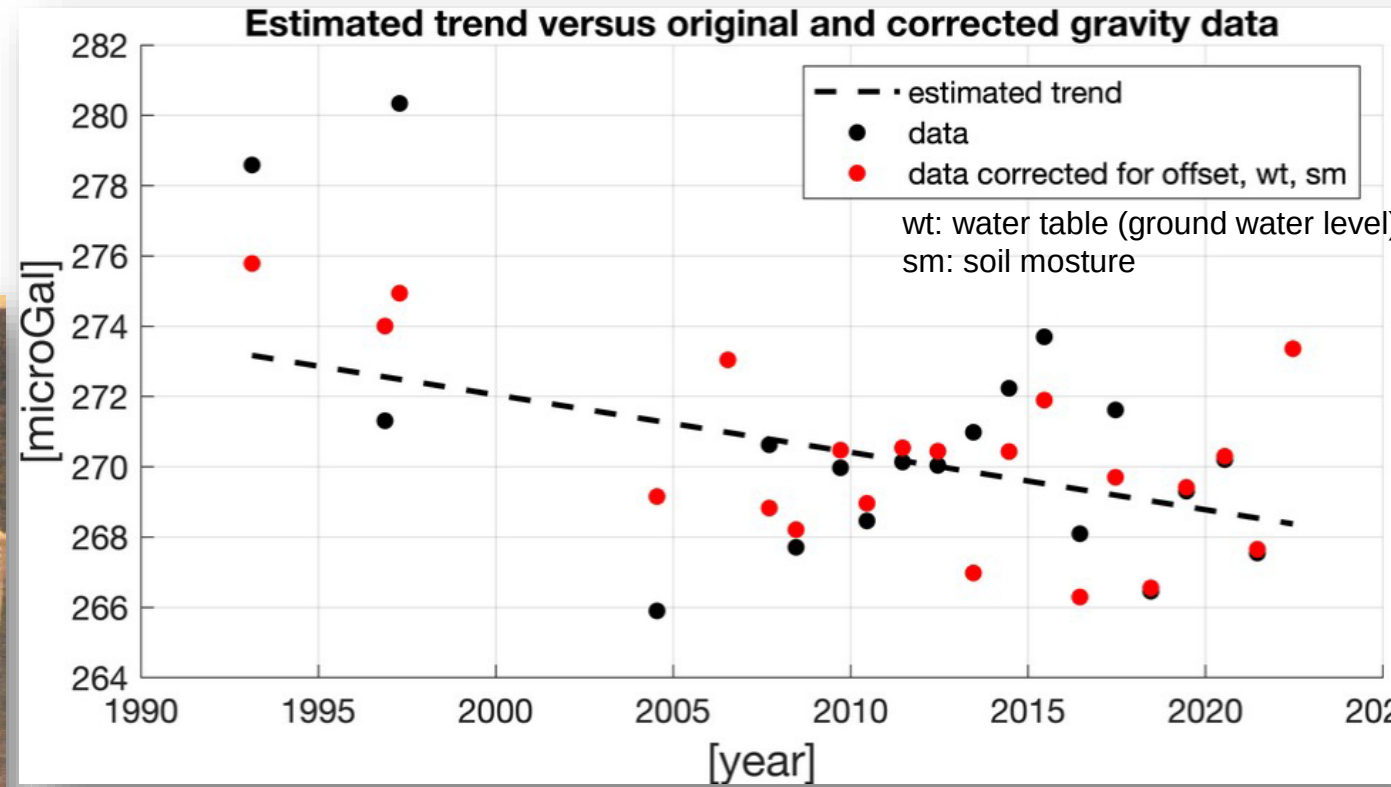


InSAR Infrastructure

- 36 IGRS stations (mainly in subsidence areas)
- Over 100 corner reflectors
- Installation of transponders ongoing



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6



Planned activities 2023

GNSS stations

○ Local tie measurements

RD

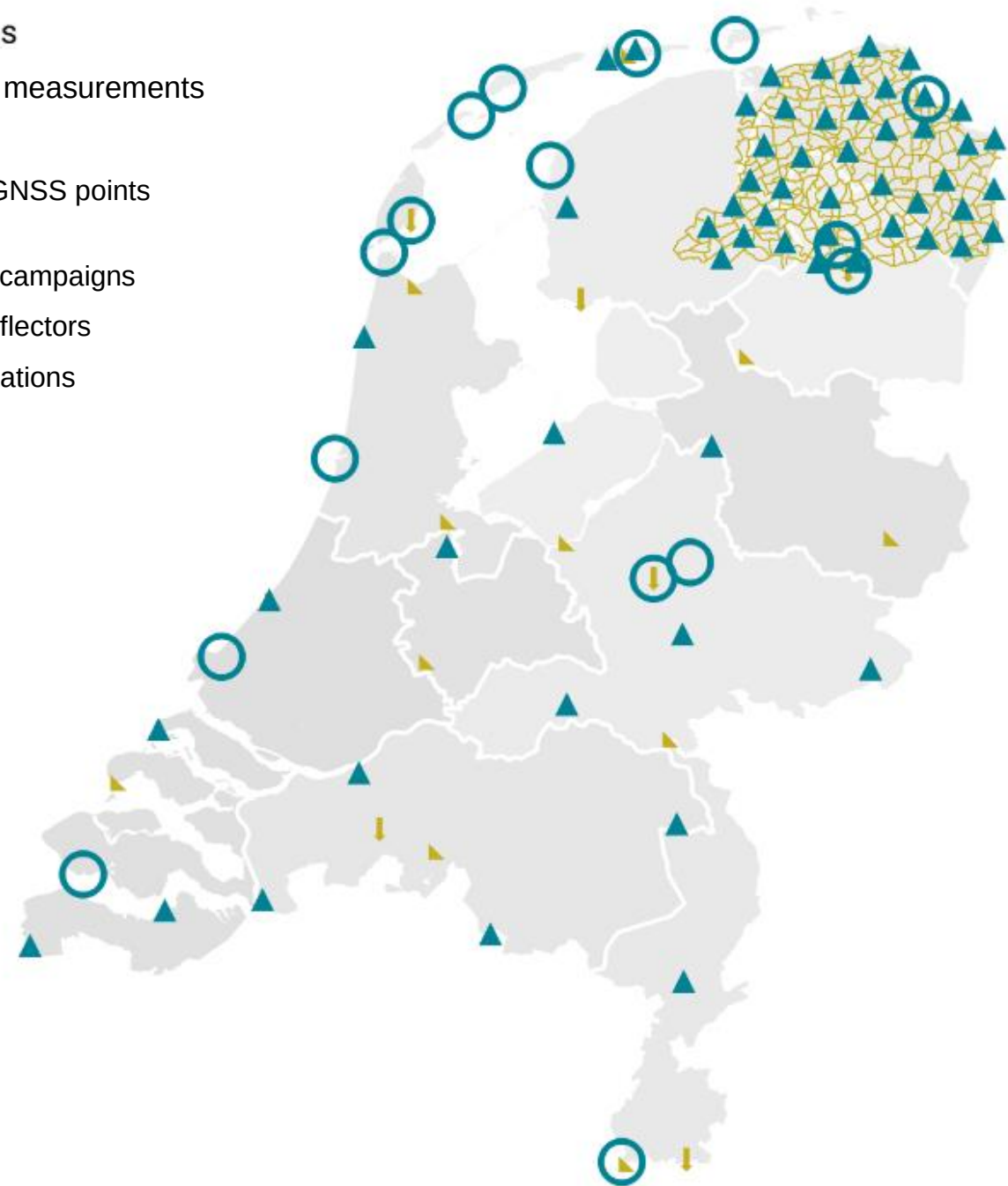
▲ Passive GNSS points

NAF

— Levelling campaigns

▲ INSAR reflectors

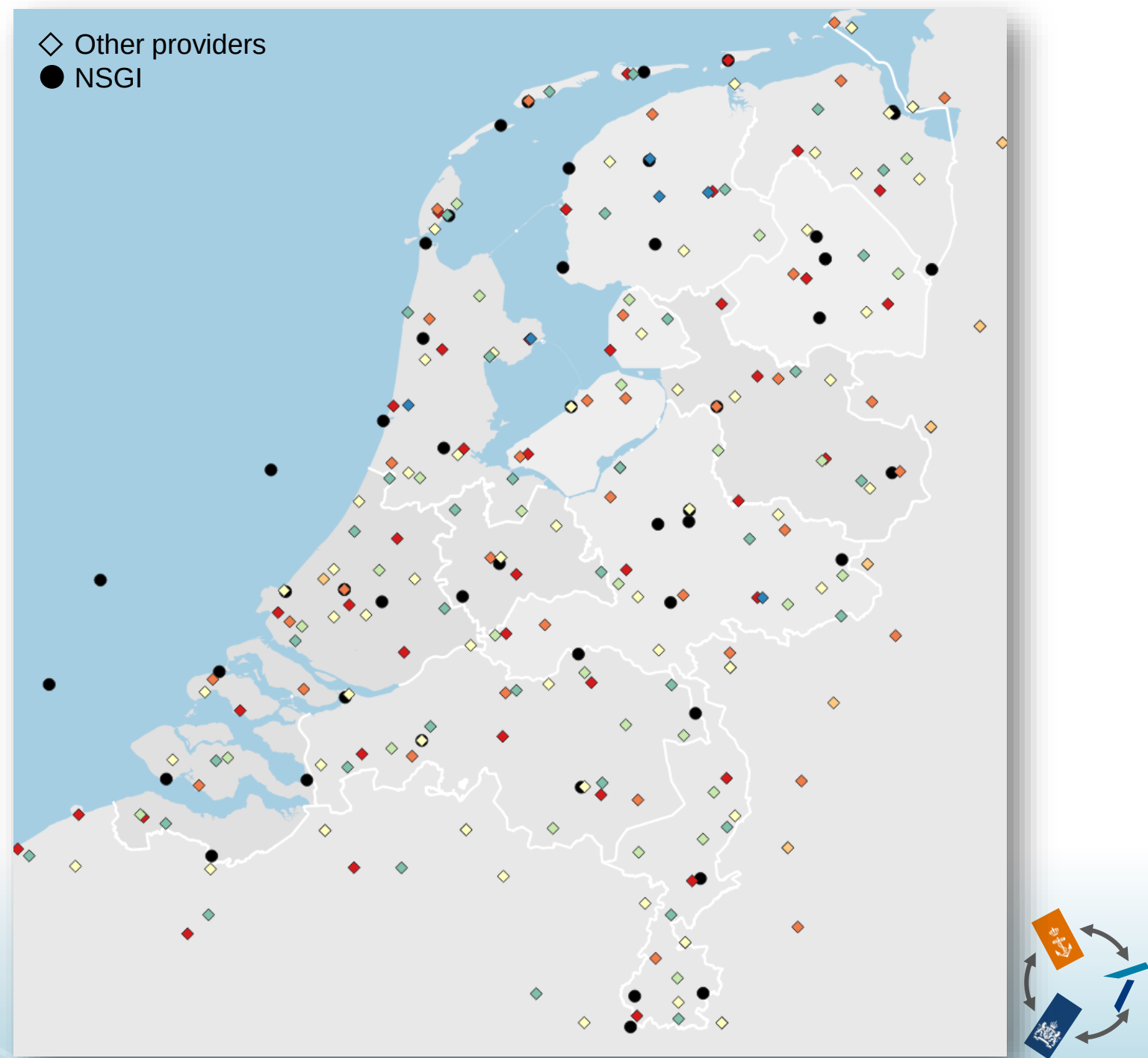
↓ Gravity stations



Reuse of real-time data



Reuse of real-time data



Thank you for your attention!



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