WG1: ASYM subgroup

Strong link with TOMO and MODEL sub-group.
➔The choice of the benchmark campaign will guide the plan of these sub-groups.

Future achievements of sub-group ASYM:

- Comparison of gradients/STD from different software
- Validation of STD in post- processing and NRT (link with TOMO sub-group and WG2)
- Development of new products to observe tropospheric asymmetric signal from GNSS
- Comparison observations/model (link with MODEL sub-group)

Contributors:

Austria, Belgium, Czech Republic, France, Germany, Poland, Trimble, Swiss…

WG1: Common points addressed to a user community

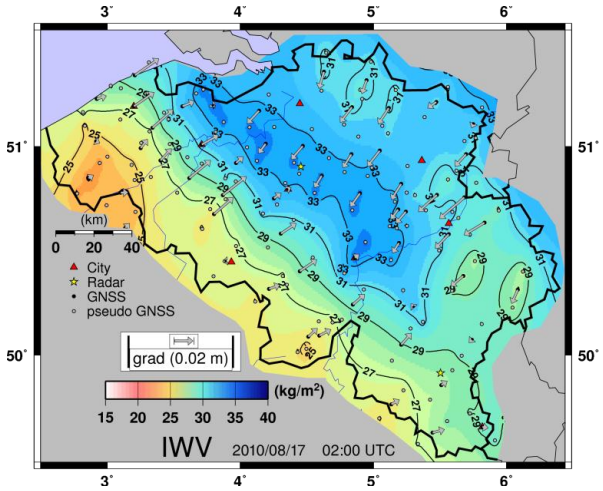
- Advanced products are well under development
- Further progress strongly depends on a user community feedback
  - Requirements and expresses of interests
  - User priorities could help in optimizing/scheduling developments

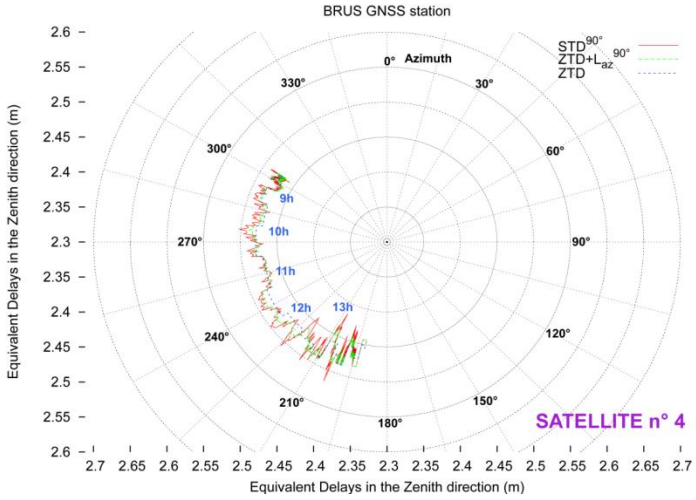
- Would be an interest for a topical workshop on advanced products
  - generation and utilization ?
  - combined / separately ?

WG1: ASYM - discussions

Which key parameter meteorology consider in terms of Asymmetry products?

- slant delays, gradients (pseudo-ZTDs), visualizations …





Would some users will be interested in a prototype settings

- who ..
- within benchmark ..
- quasi-operational campaign ?
- any ideas on scheduling of future developments ..

Would you see useful to define requirements for asymmetry?

- may help in focusing WG1 effort in product development

WG1: URRT - discussions

Which key parameter meteorology consider in terms of ultra-fast production

- ZTDs, IWVs, gradients, slant delays, 2D maps, ..

Will be now-casting requirements re-defined since their definitions within TOUGH

- previously defined only for TOUGH project
- Support for NWP nowcasting

Are there interests for a prototype settings

- who ..
- within benchmark ..
- quasi-operational ..
- any idea on scheduling of future developments ..