

WP02 Measurements

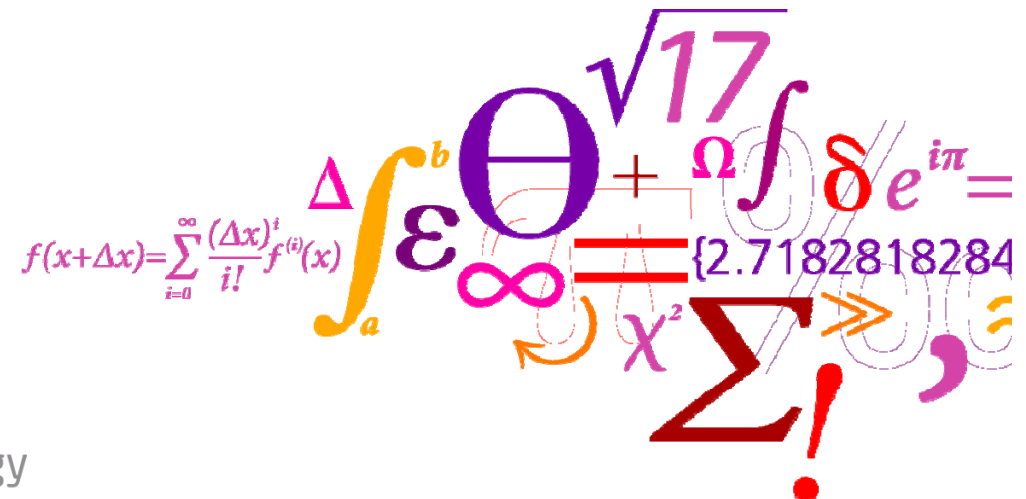
Datamanagement System

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Test & Measurements

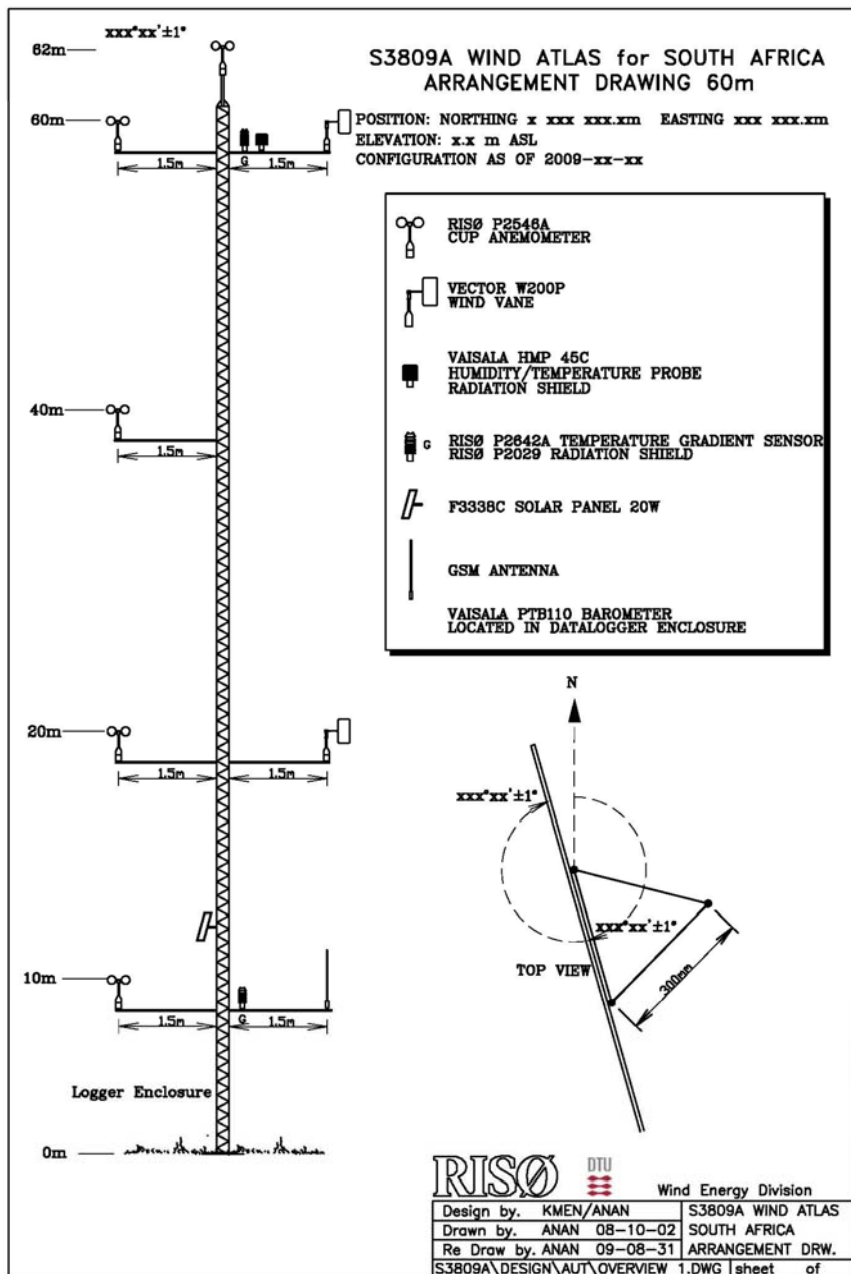
Wind Energy Division



Risø DTU

National Laboratory for Sustainable Energy



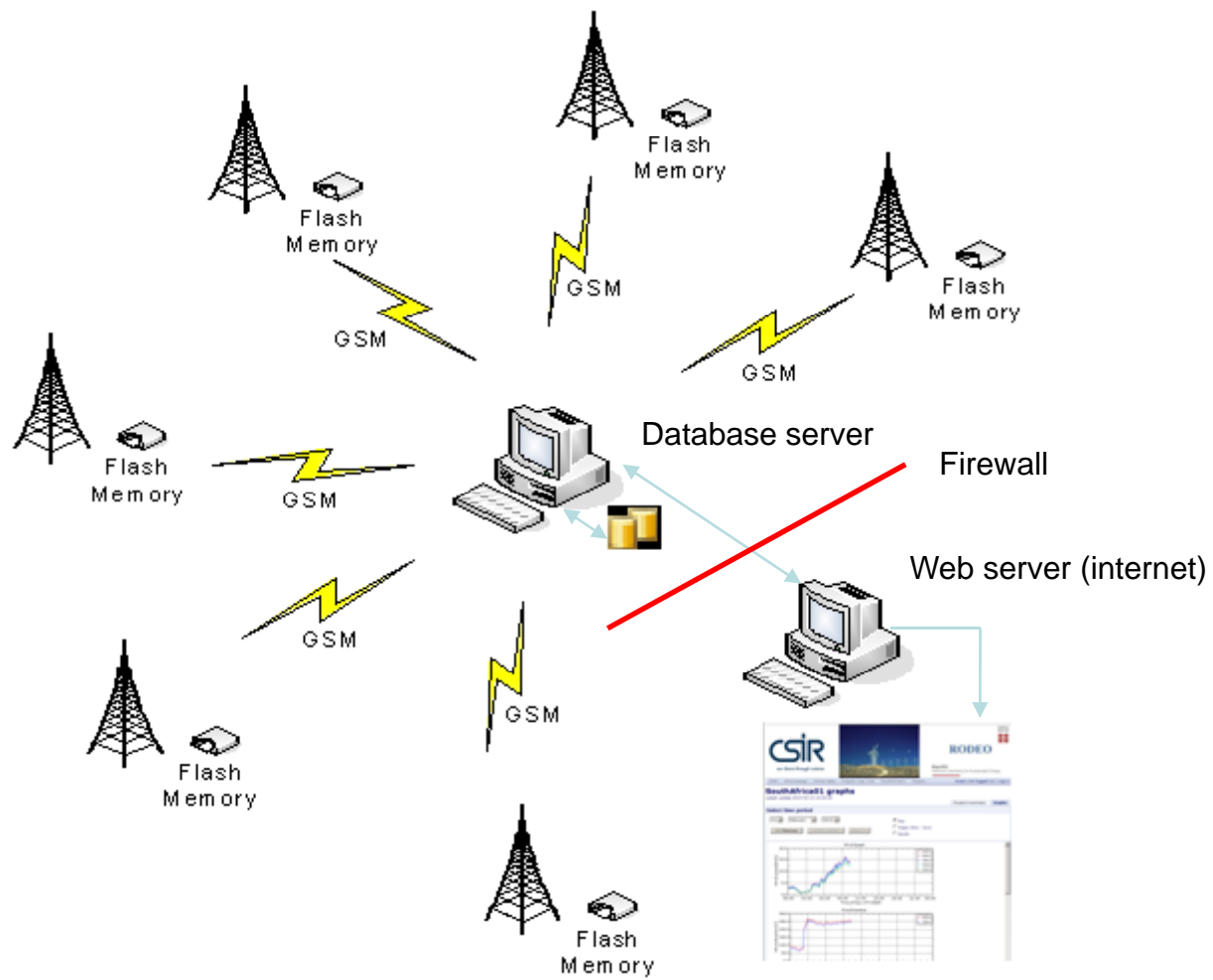


Wind station arrangement 60 m mast

Campbell datalogger systems

- Simple installation and operation
- Low maintenance
- Low power
- High data recovery
- Fully programmable
- Analog and digital inputs
- Measurement rate up to 100 Hz
- Satellite or phone link
- Waterproof stainless steel enclosure
- Good experience remote/offshore sites





Risø Data Management System

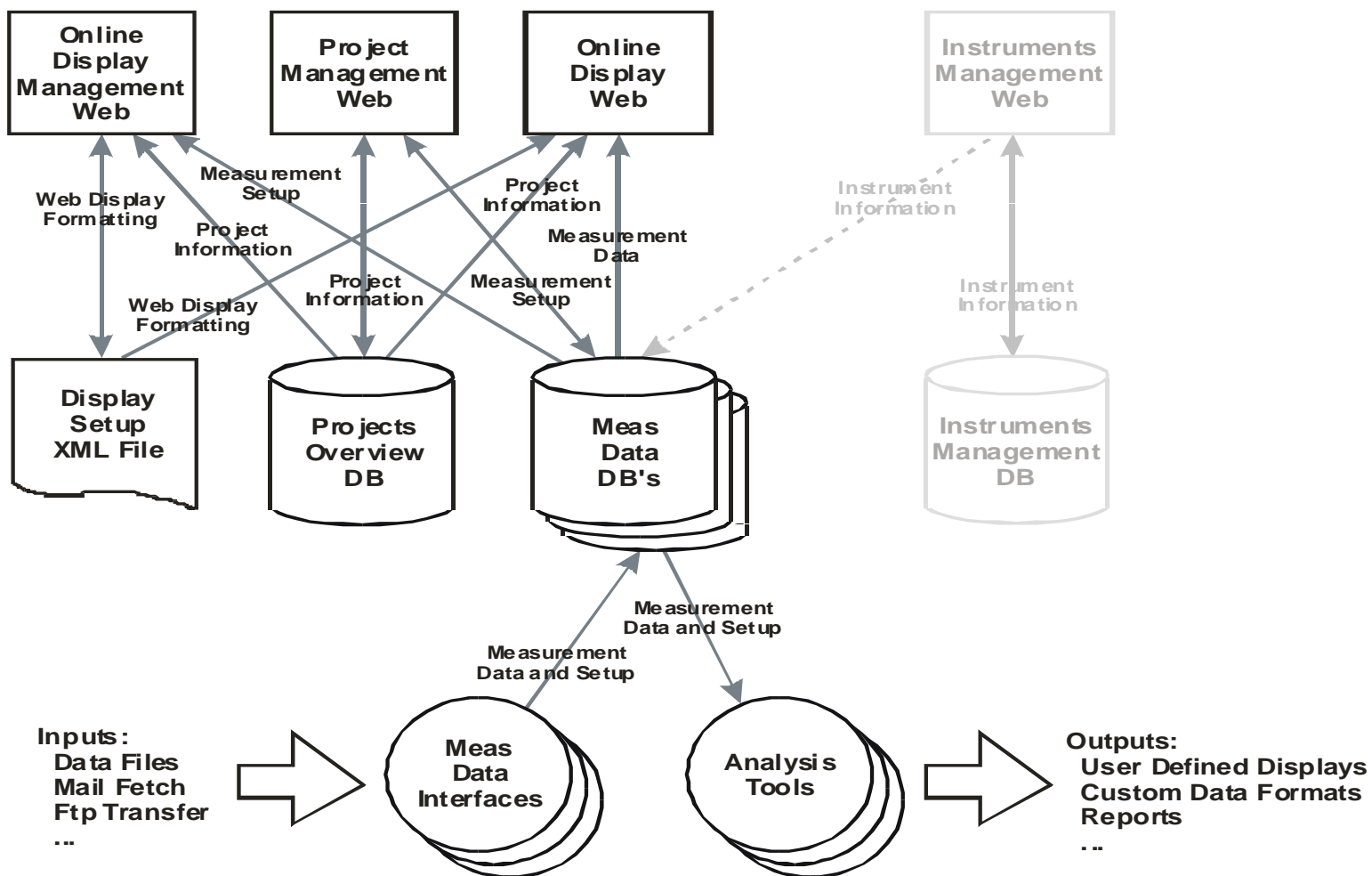
- Standard way of storing and documenting data
 - Sharing knowledge
 - Common tools
- Data security
 - Centrally handled backup
 - Instruments management (calibrations)
- Easy to add new projects with Web displays
 - Better possibilities for data control and automatic quality control
 - Different types of graphs – power curves, wind roses etc.

WASA RODEO

Rodeo stands for

**Risø Online Database of
Environmental Observations**

Database overview



Security

Projects:

- Secret project, name not in the list of projects
- existenceonly, name on the projectlist and map
- overviewonly, only the overview page shown
- Public graphics (no download of data)
- Public

Roles:

- Administrator
- Project manager
- Project member
- Guest

Risø online data for environmental observations



<http://146.64.23.6/RODEO>

<http://veaonline.risoe.dk>



Installation of measurement equipment.