

WIGOS Data Quality Monitoring System (WDQMS)

Regional WIGOS Centres – getting started



WMO OMM

World Meteorological Organization
Organisation météorologique mondiale

RWC staff competence

To effectively run the evaluation function, RWCs should be staffed by suitable technical/scientific officers that have:

- Detailed understanding of the surface-based system of GOS and its operation (in future also of other WIGOS components);
- Sound knowledge of meteorological observations, GTS/WIS data transmission and WMO codes, as well as skills in data analysis;
- Skills and knowledge in quality management systems (in general), and incident management processes (in particular);
- Skills and knowledge in communication and report writing.

The more challenging the requirements and thus the tasks, the more the skills and knowledge levels of the staff might have to be increased or potentially other experts have to be consulted.

RWC technical resources

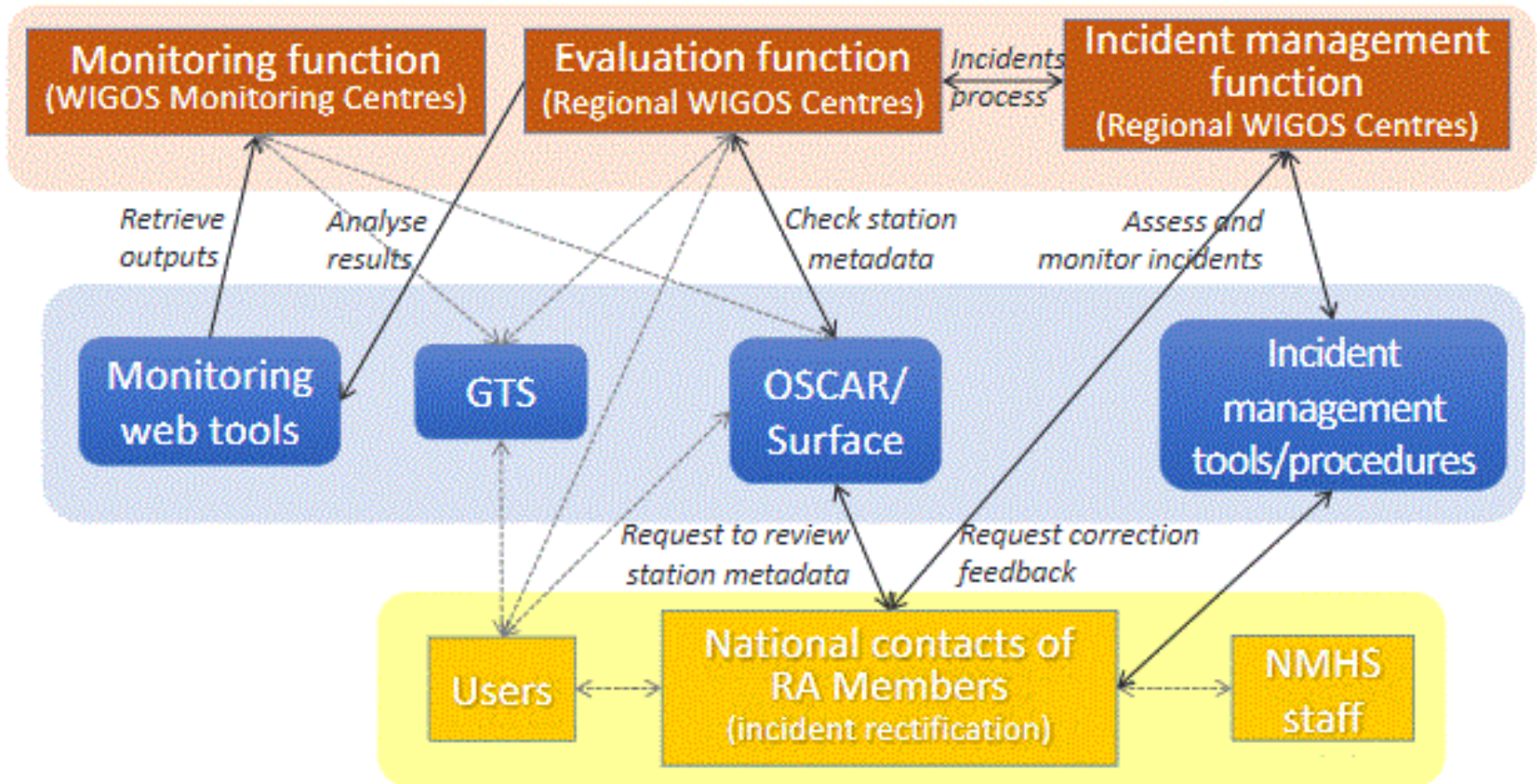
RWCs should have access to information, data and tools that support quality evaluation and incident management processes. These include:

- Automated monitoring statistics provided via web tools and other global, regional and national monitoring reports that might be of use for the quality evaluation process
→ WDQMS web tool (<https://wdqms-dev.ecmwf.int/>);
- OSCAR/Surface (<https://oscar.wmo.int/surface>);
- A web-based Incident Management Ticket System (*WDQMS IMS*);
- Observation bulletins in TAC and BUFR received via GTS and stored in an **operational observations database**;
- And others...

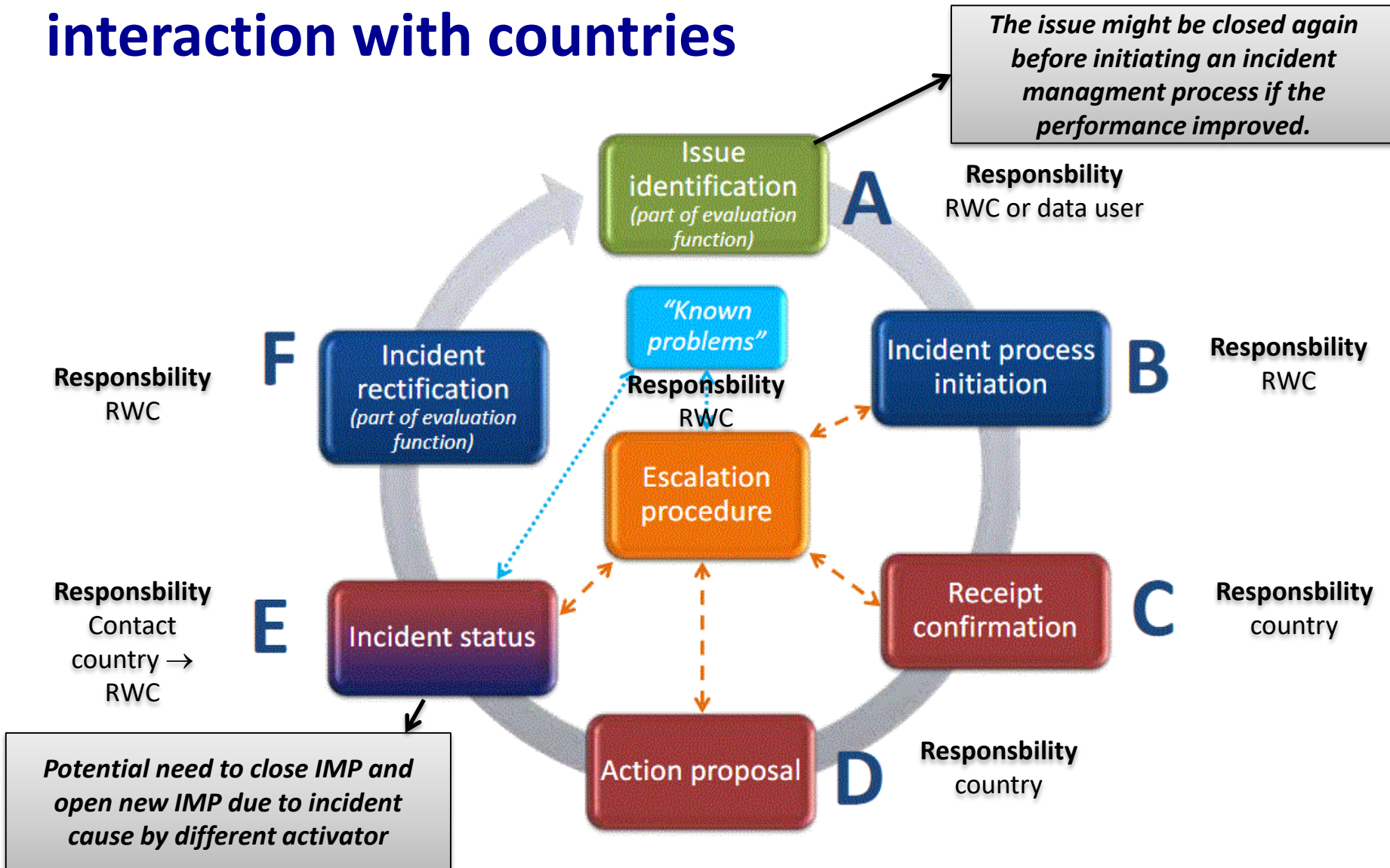
Initiate contacts to National focal points

- To be able to perform the RWCs task effectively it is essential that the RWC initiates communication and stays in close contact with the WDQMS National Focal Points (NFP) nominated by the countries within the RWC's responsibility.
- The WDQMS NFP may be in contact with the
 - OSCAR/Surface NFP
 - GTS NFP within their countries.
- Furthermore it is beneficial to initiate contacts to the [Regional Telecommunication Hubs](#) and the [GISCs](#) within the RWC's responsibility.
- NFPs may also be found via the WMO Country Profile Database.

The WDQMS process



WIGOS Incident Management Process – interaction with countries



Thank you

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