WIS Monitoring Project
WP3 -DCPC/NC requirements

Progress report

2nd meeting, 13 May 2015

Reference documents:

- **ref_doc#1** 1st WIS Monitoring Workshop - Final Report

- **ref_doc#2** Appendix "D": DCPC AND NC MONITORING AND REPORTING REQUIREMENTS, also known as the stand-alone document:
  "Interim Guide on WIS Monitoring – DCPC and NC monitoring – draft 1"

Background (TT-DC):

- "It was identified that DCs might develop in addition to the elements outlined by the monitoring workshop their own monitoring schema to validate that their data is available in all intended destinations.

- This could also apply to validate the metadata and data discovery functions across WIS from a DC point of view.

Operations Monitoring information in real-time (1)

This information, to be delivered by a DC only to its principal GISC should **"supplement"** the information already available at the GISC.

Repetition of metrics elements should be avoided (e.g. similar entries interpreted in different ways could generate confusion).

The current list in the ref_doc#2, including as mandatory:

1. Centre availability

2. Network application availability

3. Specific Message Transmission Monitoring

should be revised, also in terms of thresholds (expected value is unclear, a double value for threshold ("shall") / target ("should") is suggested)

- A potential list of new performance indicators will be provided **[Action for WP3]**

Operations Monitoring information in real-time (2)

The DC event-driven information (e.g. outage information) is essential and shall be available to GISC in proper standard way.

- The JSON event standard used for WCD (currently JSON_File_Spec_v0.2-draft version) is **proposed as reference also for DC**

[Recommendation from WP3]

Information for Quarterly Reporting

This information, to be delivered by a DC only to its principal GISC shall be synchronised with the WIS "reporting cycle".

The current targeted information is on the **"usage" and "usability" of WIS from the end-users perspective**.
It replicates the "User Service Statistics" (section f) of GISC QR, BUT:

- Additional elements should be inserted, adapting some specific items of GISC QR (e.g. service performance, incident reports).

- Furtherly, the level of details (differences between NCs and DCPCs in terms of mandatory/optional elements) should be defined.

  [Actions for WP3]

- A deadline for the submission of the report should be defined **(1 month?)**

- From the reference documents it is unclear the "character" of the DC QR, in other words is it:

  supplementary? it is conceived **only to supplement** the GISC QR?

  Mandatory or optional? which are the **responsibilities of the principal GISCs** in case of any DC not able to produce the QRs?

  [Recommendations from WP3]

Final remarks

Appendix E: UTILISATION OF THE REPORTS

- In order to ensure that the WIS services are implemented in an efficient manner that meets the WIS requirements, the Quarterly Reports shall be submitted to the Secretariat and will be reviewed by the relevant CBS expert team. Where problems are identified, the Expert Team will engage with the relevant centre(s) to define a mutually agreeable resolution path.

- If no resolution path can be agreed, the Expert Team in consultation with other Expert Teams, will advise ICT-ISS of the situation, together with a recommended course of action. ICT-ISS will then advise the President of CBS on an appropriate response that could include the triggering of a CBS audit process to rectify the shortfalls.