DAREFFORT Software

Delivery Report

Republic of Serbia

WP4 Deliverable 4.3.2

October, 20th 2020

Contact Information of Institution to which the software has been delivered

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Summary

This software delivery document summarizes the delivery for the ENVIRONET HyMeDES Software implemented in the DAREFFORT project.

The ENVIRONET HyMeDES Software meets all the acceptance criteria as defined in the requirements document and project scope statement.

Transition to Operations has been completed. The software has been installed either as a

☑ Data Node including the country specific conversion filter (Option A)

or as a

☐ Conversion Plugin including the country specific conversion filter on the Distribution Node configured for pulling the data (Option B)

The software has been tested and evaluated to verify that all deliverables meet performance, functional and quality requirements defined within the DARFFORT project.

The Software has been handed over to Operations and the transfer of knowledge from the Project Team to Operations has also been completed. The technical staff of the operation institution has received a training how to install and use the ENVIRONET HyMeDES Software either during the Workshop on Software Topics on 27th May 2020 or in individual training workshops.

1   Acceptance Criteria

☑ Software has been installed either as Data Node or Conversion Plugin running on the Distribution Node

☑ Country specific conversion filter has been implemented and handed over

☑ Key pairs for accessing Distribution Node have been created

☑ Data Provider has been registered as a user on the DAREFFORT Project Distribution Node running at LP VIZITERV

☑ Country specific monitoring points have been configured on the DAREFFORT Project Distribution Node running at LP VIZITERV

☑ Observable properties have been configured on the DAREFFORT Project Distribution Node running at LP VIZITERV

☑ Country specific Data Access Rights have been configured on the DAREFFORT Project Distribution Node running at LP VIZITERV

2   Test and Evaluation results

☑ Access to the DAREFFORT Project Distribution Node running at LP VIZITERV is tested and working

☑ Data is transferred regularly from Data Provider to DAREFFORT Project Distribution Node running at LP VIZITERV is tested and working

☑ Data transfer is tested to be correct

☑ Data update intervals are correct

Additional Comments and Remarks

Meteorological data transfer

There is a problem with variable Air Temperature – filename which is on our server www.hidmet.gov.rs/korisnici/danube_his Dareffort_Srbija_27102020.txt reffers to the date when it was created – but the value of Average temperature is for the day before 26.10.2020 – this value is from synop messages for 26.10.2020. (T06+T12+T18*2)/4 – now on site http://dareffort.stasaapps.de/ it looks like that is value of Air temperature at time when it was uploaded - It should be variable *ta* for the day before. Also there is a problem with variable daily precipitation – this value is from synop messages (in this case from 06 UTC day before 26.10.2020. till 06 UTC 27.10.2020.) total daily sum of precipitation – it supposed to be Precipitation total daily for day before. Meteorological time term for creation these two files files is always 06 UTC.