UPOV

International Union for the Protection of New Varieties of Plants

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**Technical Working Party on Automation and Computer Programs** **TWC/35/17**

**Thirty-Fifth Session**
**Buenos Aires, Argentina, November 14 to 17, 2017**

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# A SINGLE TOOL FOR DUS COMPUTATION PROCESS

*Document prepared by an expert from France*

*Disclaimer: this document does not represent UPOV policies or guidance*

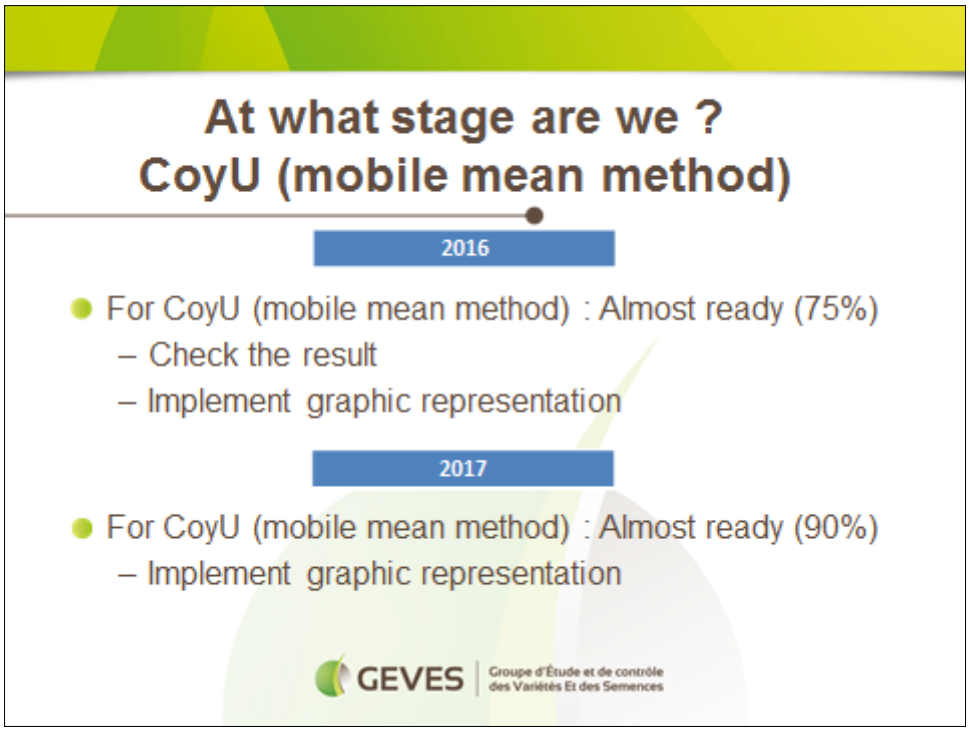
The Annex to this document contains a copy of a presentation on "A single tool for DUS computation process", prepared by an expert from France, to be made at the thirty-fifth session of the Technical Working Party on Automation and Computer Programs (TWC).

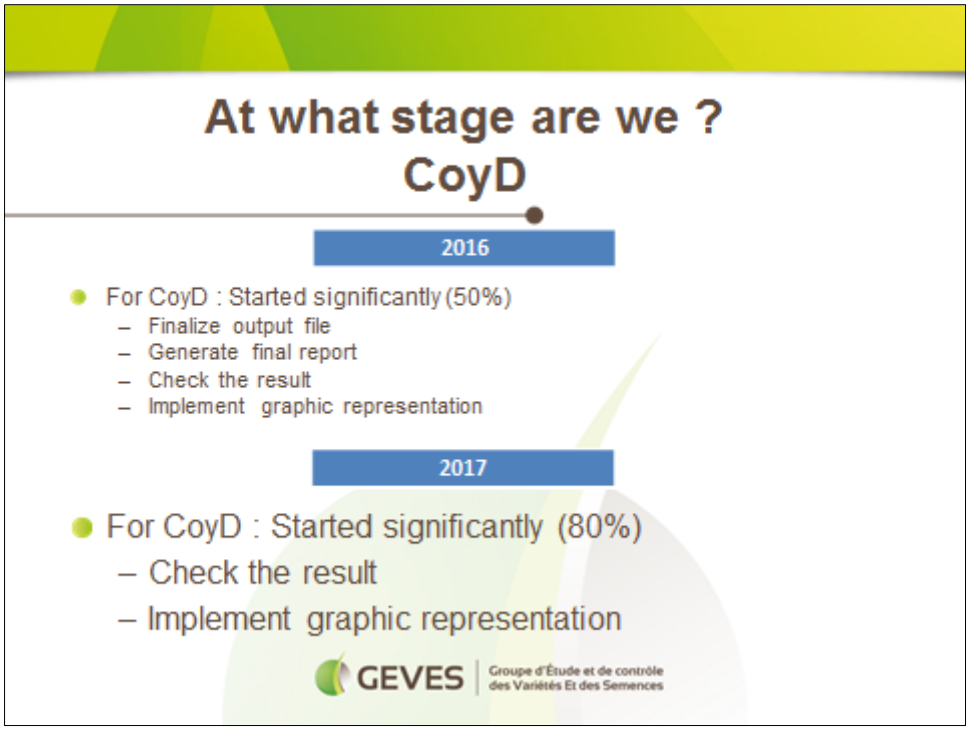
[Annex follows]

ANNEX

A SINGLE TOOL FOR DUS COMPUTATION PROCESS

Presentation prepared by an expert from France


At what stage are we ?
CoyD
2016
For CoyD : Started significantly (50%)
Finalize output file
Generate final report
Check the result
Implement graphic representation
2017
For CoyD : Started significantly (80%)
Check the result
Implement graphic representation
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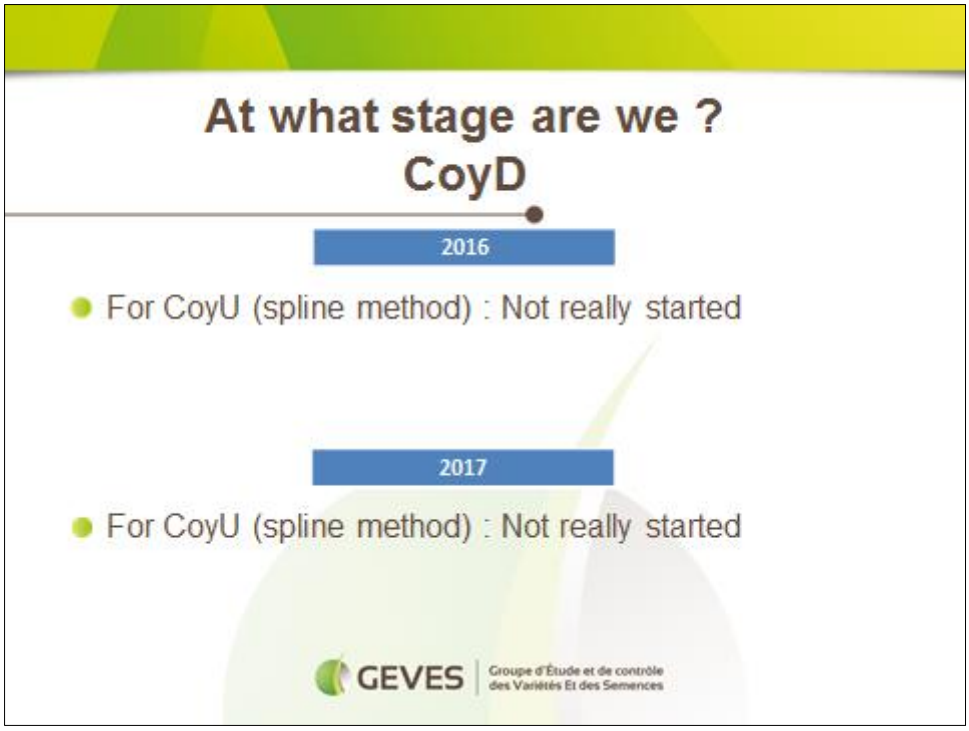
At what stage are we ?
CoyD
2016
For CoyU (spline method) : Not really started
2017
For CoyU (spline method) : Not really started
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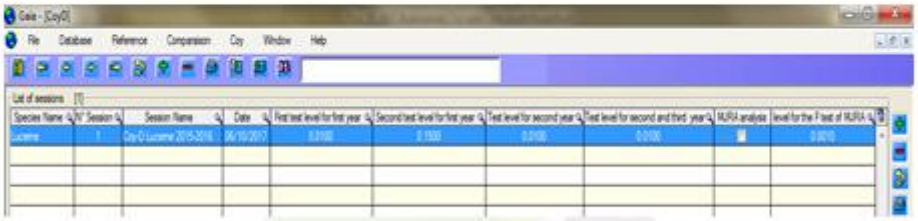
# Launch Coy process

- List of parameters for CoyD session



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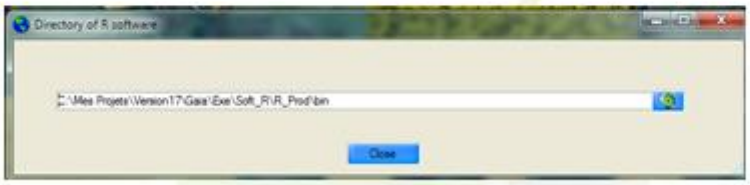
# Storage of statistical data

- All statistical data returned by COYD process are stored into GAIA database for 3 different level :
  - Characteristic
  - Variety
  - Characteristic/Variety
  - Characteristic/Variety Cand/Variety Ref
- Use data for other purpose
- Traceability
- Run different type of report

# Launch Coy process

- Coy process is run under R software.
- R software is include with Gaia installation
- Possibility to use your own R software➔ Menu File/Directory of R software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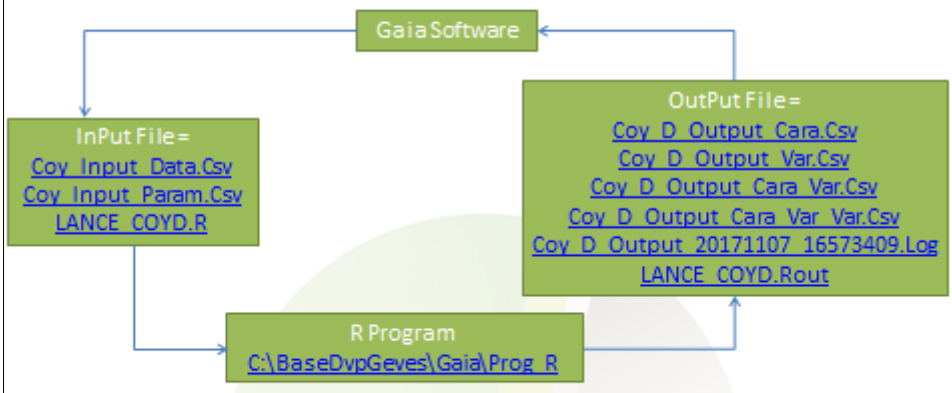
# Structure of CoyD process

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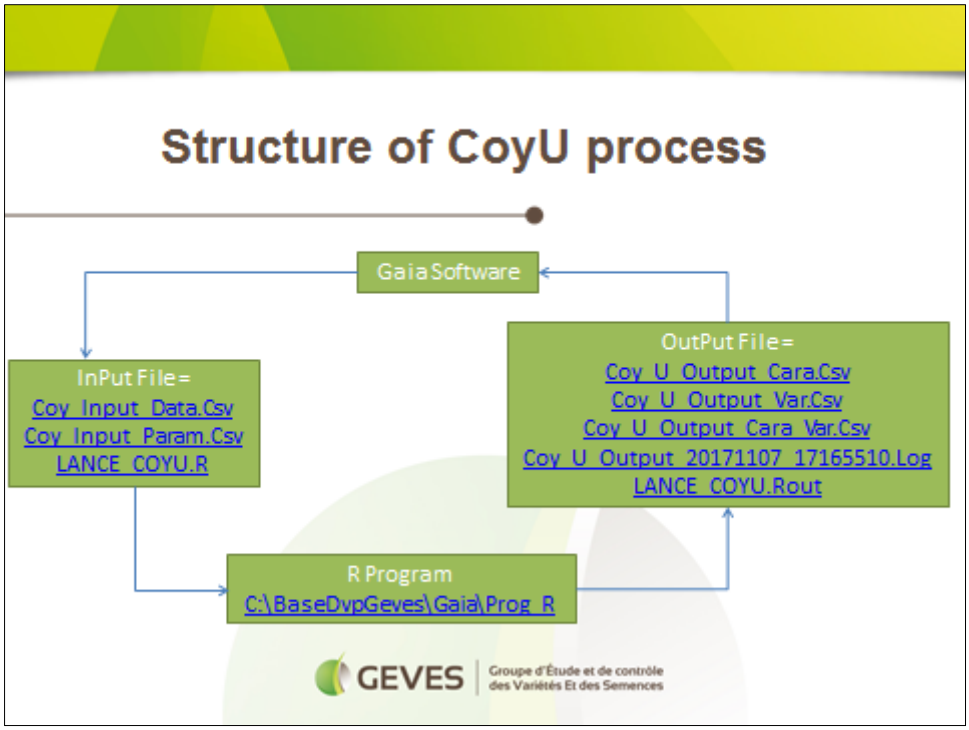
Structure of CoyU process
Gaia Software
InPut File=
Coy_Input_Data.Csv
Coy_Input_Param.Csv
LANCE_COYU.R
OutPut File=
Coy_U_Output_Cara.Csv
Coy_U_Output_Var.Csv
Coy_U_Output_Cara_Var.Csv
Coy_U_Output_20171107_17165510.Log
LANCE_COYU.Rout
R Program
C:\BaseDvpGeves\Gaia\Prog_R
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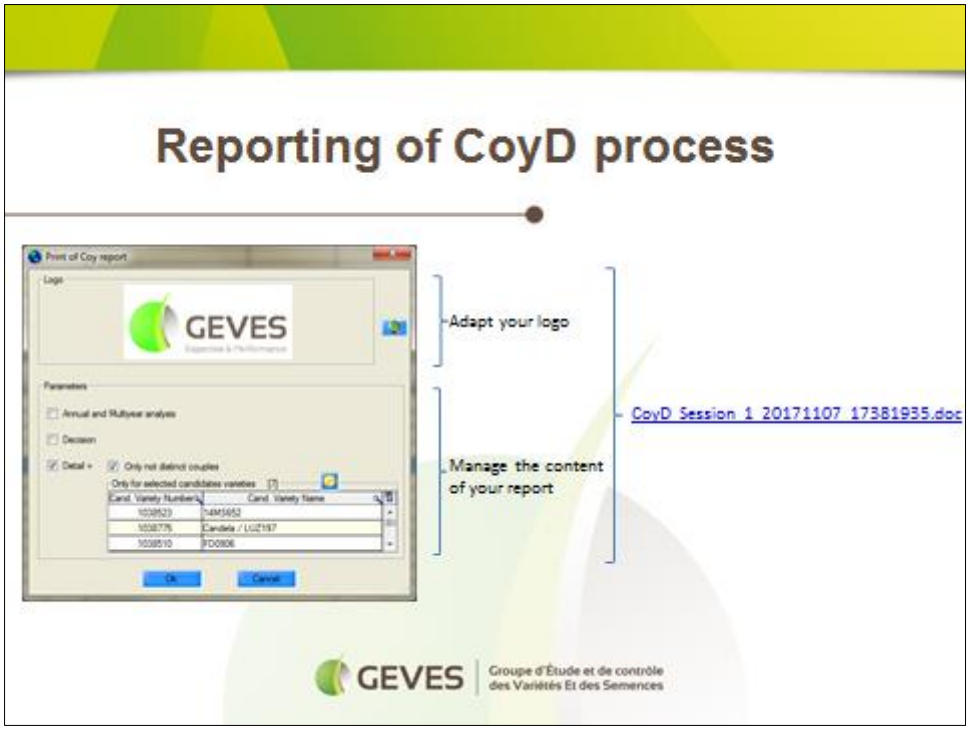
Reporting of CoyD process
Adapt your logo
Manage the content of your report
CoyD_Session_1_20171107_17381935.doc
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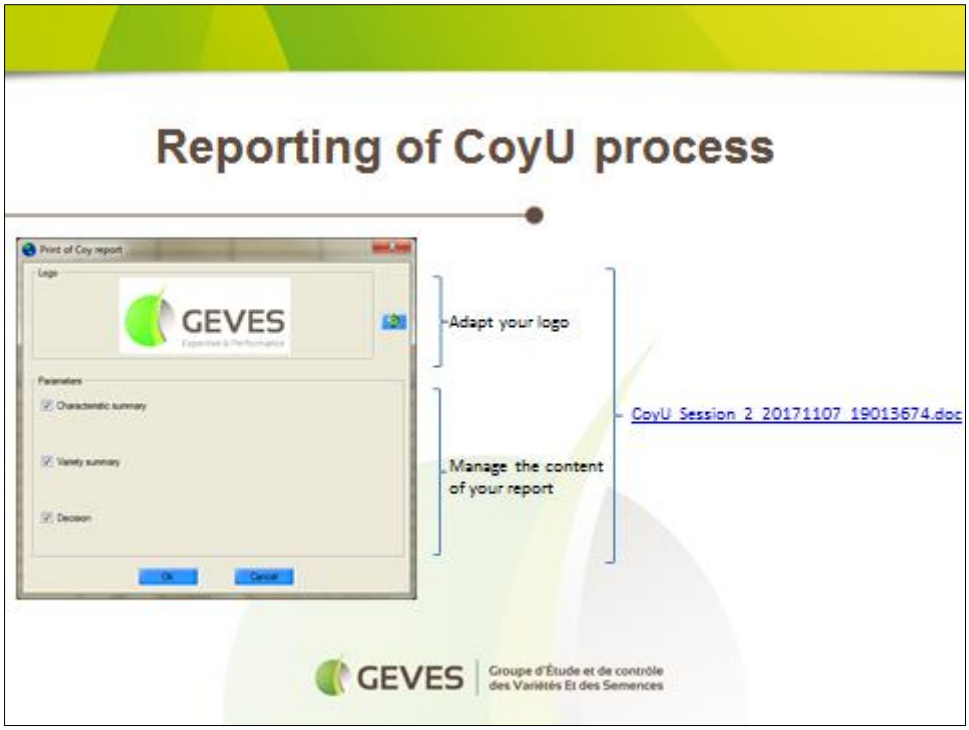


[End of Annex and of document]