SubTask 5 delivery README

The delivery is organized in the following subfolders :

* 00-cv : controlled vocabularies
* 01-org-ap-ep : organisations and MEP dataset
* 02-eli-dl-ap-ep-activities : activities dataset
* 03-eli-dl-ap-ep-documents : documents dataset
* 04-translations : translations dataset
* 05-inferences : inference rules and their corresponding results

## Datasets folder structure

All subfolders except 05-inferences follow the same file structure :

* RDF : contains the data of the dataset encoded in one or more RDF files.
* SHACL : contains the SHACL validation rules for the dataset in 4 files (except for 02-eli-dl-ap-ep-activities, see below) :
  + <SHACL\_NAME>.xlsx : the SHACL rules encoded in an Excel spreadsheet
  + <SHACL\_NAME>.ttl : the SHACL rules encoded in technical Turtle file. This file is generated from the file <SHACL\_NAME>.xlsx using the converter at https://skos-play.sparna.fr/play/convert
  + <SHACL\_NAME>.png : a diagram representation of the SHACL rules. This file is generated rom the file <SHACL\_NAME>.ttl using the diagram generation utility at https://shacl-play.sparna.fr/play/draw
  + <SHACL\_NAME>.html : an HTML documentation of the SHACL rules. This file is generated rom the file <SHACL\_NAME>.ttl using the documentation generation utility at https://shacl-play.sparna.fr/play/doc
* SHACL-REPORT: contains 2 files :
  + <SHACL\_NAME>-report.ttl : the raw, technical validation report of validating the dataset content in folder RDF against the SHACL rules in <SHACL\_NAME>.ttl
  + <SHACL\_NAME>-report.html : a human-readable rendering of the content of the validation report in <SHACL\_NAME>-report.ttl

## Inference folder structure

The 05-inferences folder contains the following structure :

* SPARQL : contains the inference rules encoded as SPARQL queries. Each query contains a human-readable description as a comment at the top of the file.
* RDF : contains the result of each corresponding inference rule in the SPARQL subfolder. The file names are identical to the file name of the rules. Each inference result is generated by executing the query on the union of all data files contained in  :
  + 02-eli-dl-ap-ep-activities/RDF
  + 03-eli-dl-ap-ep-documents/RDF
  + 04-translations/RDF

**SHACL rules in 02-eli-dl-ap-ep-activities**

The folders 02-eli-dl-ap-ep-activities/SHACL and 02-eli-dl-ap-ep-activities/SHACL-REPORT contains 2 sets of SHACL rules :

* Activity-Shapes.xlsx, .ttl, .png, .html : contains a dataset-specific SHACL definition. These SHACL definition describe specifically the content of this dataset, with the following activities hierarchy :
  + LegislativeProcess
    - ProcedureCreation
    - Reading
      * MainDossier
        + AppRapporteur
        + TablingDraftReport
        + TablingAmendment
        + CommitteeDebate
        + CommitteVote
      * PlenaryDossier
      * ConsolidationDossier
* Activities-Shapes-Generic.xlsx, .ttl, .png, .html : contains a generic SHACL definition to validate any activities in ELI-DL. These shapes are manually derived from the ELIDL-EP ontology documentation table at https://docs.google.com/spreadsheets/d/1D65tod0zJxRLNvQPZBT3mS-wZV74TEVF\_1nKVNzps-I/edit#gid=614548063