

Key agenda items:

**Data ingestion**

**Toolbox development**

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List of issues from SIS contractors:

- *Timeframe for toolbox development within contract schedule*
- *Documentation online is insufficient*
- *Access to toolbox code and develop on top of this and introduce this into the toolbox for an operational service*
- *Interaction of VM and the toolbox*

**B-Open:** Documentation is available in line to provide guidance for tool / lib use. This can be improved as the documentation is for a non-developer audience. Reference documentation needs to be improved and is B-Open documentation. B-Open will take action to improve the documentation. Need feedback from the SIS contracts on the existing reference documentation in order to improve this.

**Alberto:** Audience of toolbox and purpose. Alberto raised a wider point about how we run the python tools. Would rather run the python scripts as can address the errors in the workflows and debug.

**Gionata/CDS:** Process for writing new tools for testing and development is missing. CDS want a development platform that allows development of applications using docker / wrapper. Input / output according to users and freedom to develop tools using dockers.

**B-Open:** Process for writing new tools is possible. Process for writing tools and participating into the development of the toolbox is possible.

**Ghislain/TEC:** How can contractors develop based on a moving platform? No cost extension? Extensions are possible, but based on case-case basis. Before this is considered need to quantify delays after the assessment of gaps in determined.

**Alberto:** Is it possible to have a copy of the toolbox to test on local machine? No, possible to compress on one machine, but would be slow and not designed to be implemented like this.

**Baudouin/CDS:** SIS contracts are 'developers' and will be contributing to the development of the toolbox – interacting with tools and contributing to their development.

CDS team need to provide a platform to develop and test (development of tools). The solution is not to provide local version of the toolbox. CDS need to provide a workflow / process (people). The platform can support Fortran and R if in containers.

**B-Open:** Toolbox is a complex environment with rules that any developer will need to follow. **Action: Communicate / Document this rules**

What is the mechanism for controlling the environment / quality of the tools? Need an immediate process to ensure tools can be developed.

Access and location of socio-economic data – on the CDS and will not be accessible to public. However, any use of third party data will need to ensure IP and traceability!

Caching vs. storing data: Pre-computed data, if destined for the user and the demonstrators, should be pre-computed if possible to enhance the user experience.

**Cedric/CDS:** Process for issues with toolbox – should be via the user support, so can follow with JIRA tickets.

**Baudouin/CDS:** Created VM for 4 SIS. 2x disks; one public, one private. Public means can be accessed via adaptor - allows data to be accessed on public disk via toolbox. **VMs can be issued within the next week.** Note: Any data on the VM will have to have a consistent path and naming conversion and one variable per file.

Socio-economic data can sit on the VM.

Roadmap for toolbox functionalities: B-Open priorities – data sets and variable available, dynamic mapping, shape files. Priorities and functionalities and tools than are in the backlog need to be shared with the SIS community.

### ***List of meeting actions:***

**Action:** All contracts to provide key priorities for consideration and discuss in cross SIS meeting. The meeting is to be held w/c 8<sup>th</sup> October. Therefore SIS priorities are needed 4<sup>th</sup> October.

**Action:** All SIS contractors to provide suggestions / examples of what needs to be approved in terms of documentation. B-Open to improve documentation after suggestions received.

**Gionata/CDS:** Tto establish process for developing new tools on the toolbox  
**Action:** CDS to provide all documentation and support to enable the workflows and process to run 'tools' using VM and dockers/container/wrapper.

