**Proposal structure of views for WILIAM**

WILIAM is a very large model of hundreds of Vensim views. As developers, we need to structure the whole model in general and the views of Vensim in particular to allow the model user easily browse through the model.

**Related text available in D9.1 (section 4.4.1):**





**Proposal update of views related with results and validation**

Currently there is confusion in the outputs and validation views, some of them are quite messy. The idea is to provide more specific guidelines to better organize them. Follows the proposal:

* 3 views located at the end of the views of each module, in the following order:
  + *‘name\_module-validation’* (now called ‘name\_module-outputs\_checks’): this view should be deleted before the public release of the model (so it is practical to have it separately), and would include:
    - Comparison with historical data
    - Internal checks for internal consistency
  + *‘name\_module-auxiliary\_outputs\_and\_indicators’*: this view would include
    - the calculations to compute indicators from the outputs of each module
    - auxiliary outputs (e.g., GDP\_real\_9R, GDP\_real\_1R….)
  + *‘name\_module-list\_outputs\_and\_indicators’*: this view would collate the outputs of each module (ie. variables in blue color) as well as the indicators computed in the previous view:
    - Only bring here shadow variables
    - The objective would be to have all relevant results of the module in the same view.

**Coordination programing**

Since these are views to be likely modified by more than one modeller, it is important that there is an internal coordination within each module to avoid modifications of the same view by more than one person during the same integration. By default, the person in charge will be the Module Coordinator.