Instructions for using the Optima HIV demonstration project

1. Go to <hiv.optimamodel.com>
2. Register for a free account or login with your username and password
3. Upon first logging in, you will land on the **Projects** page.
   1. The first option is to “Choose a demonstration project from our database:” from the drop-down list.
   2. Click on one of the **existing projects** from the drop-down list and click on “Add this project”
      1. Adding a demonstration (demo) project to your personal account will load the demonstration project from our internal database to your account. This means that you can modify the project and your changes will only be applied to the project within your account, i.e., the original demonstration project in the database will remain intact.
      2. Note that these projects have already been calibrated and cost functions have been set up. In the interface, you will see that the tick marks next to the *Calibration*, *Programs*, and *Cost functions* stages indicating that you can proceed directly to the analysis stages (*Scenarios* and *Optimization*)
4. Select the project of interest and click on the ‘**Open**’ button to activate the project.
5. [Optional]: Go to the **Calibration** page to review how the project has been calibrated to the available data.
6. [Optional]: Go to the **Programs** page to review which programs have been included in the project.
7. Go to the **Scenarios** page.
   1. For the concentrated and generalized demo projects, predefined scenarios have been created and are selected.
   2. Click the ‘Run scenarios’ button and scenarios will load within a few moments.
   3. [Optional]: you can also define additional scenarios. Next to the buttons “Add parameter scenario”, “Add budget scenario” and “Add coverage scenario” there are help icons (like question marks). Clicking on help for instructions on what to do.
8. Go to the **Optimization** page.
   1. Predefined optimizations have also been created.
   2. Optimization results should appear. Otherwise, click the green ‘Optimize’ button after setting the length of run time for the optimization (i.e. test runs from 10 seconds, 1 minutes, 10 minutes, or unlimited – this may take some time).
   3. [Optional]: you can also define additional optimizations. Next to the buttons “Add outcomes optimization” and “Add money optimization” there are help icons with instructions.