

# Trigger SAP IBP Actions Using Shortcut Keys

In Microsoft Excel it is possible to assign macros to shortcut keys. Using this functionality, you can assign actions of the SAP IBP, add-in for Microsoft Excel (Excel add-in) such as triggering Refresh, Saving Data or Simulate (Basic) to specific shortcut keys.

You can also assign more complex macros to shortcut keys, such as the logic of the button “Save and Next” from the sample “Combination-Based Planning”.

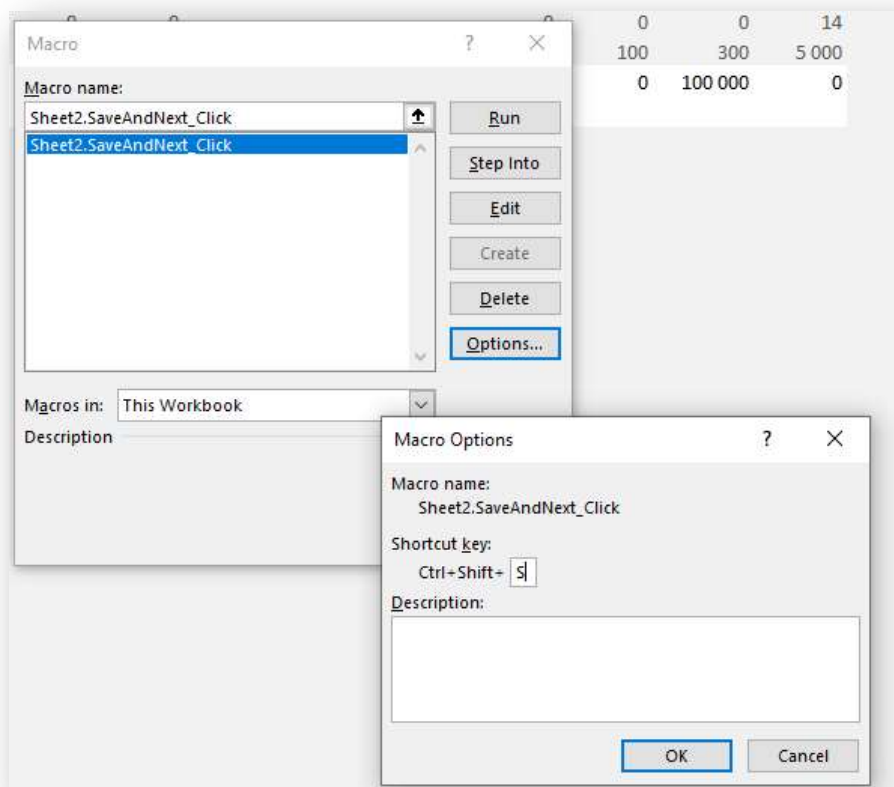
## HOW TO START

In the following example, we explain how to assign the shortcut key “Ctrl + Shift + S” to the macro “SaveAndNext\_Click” we implemented in the use case “1.2 Combination-based Planning”.

1.) In the first step you set the access specifier of the VBA method to “Public”.

**Public Sub SaveAndNext\_Click()**

2.) As the second step, go to the “Developer” tab of Microsoft Excel and select “Macros”. The “SaveAndNext\_Click” macro is displayed in the list of available macros. Select the macro, click “Options...”, and specify a shortcut key. In this example we enter “Ctrl + Shift + S”.



An easier example, which you will find in the .xlsm file provided for this use case, is to trigger the Simulate (Basic) function of the Excel add-in using a shortcut key. If you want to start on your own, include the following method into your template, and specify a shortcut key as explained above.

```
Public Sub IBPSimulate()
```

```
On Error GoTo ErrorHandler:
```

```
    If IBPAutomationObject Is Nothing Then Set IBPAutomationObject =  
        Application.COMAddIns("IBPXLClient.Connect").Object
```

```
    Call IBPAutomationObject.Simulate
```

```
Exit Sub
```

```
ErrorHandler:
```

```
'Implement error handling to help the user to understand what went wrong
```

```
MsgBox Err.Description, vbOKOnly, "Microsoft Excel: Custom VBA code"
```

```
End Sub
```

For more information about the SAP IBP API “Simulate”, see [Simulate](#) on the SAP Help Portal.

Please note: Code lines which already have been explained in tutorials of other use cases are not explained in detail again, so please check those as well.

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