

Anexo 1: CÓDIGO VBA UTILIZADO PARA EL MODELADO ALGEBRAÍCO EN EXCEL

```
Sub Macro1()
```

```
'
```

```
' Macro1 Macro
```

```
'
```

```
Dim libro As String
```

```
libro = "Programación en Excel"
```

```
Sheets("Analisis").Select
```

```
Sheets.Add After:=ActiveSheet
```

```
If Sheets.Count = 4 Then
```

```
    ActiveSheet.Name = "Graficas1"
```

```
    libro = "Graficas1"
```

```
Elseif Sheets.Count = 5 Then
```

```
    ActiveSheet.Name = "Graficas2"
```

```
    libro = "Graficas2"
```

```
Elseif Sheets.Count = 6 Then
```

```
    ActiveSheet.Name = "Graficas3"
```

```
    libro = "Graficas3"
```

```
Elseif Sheets.Count = 7 Then
```

```
    ActiveSheet.Name = "Graficas4"
```

```
    libro = "Graficas4"
```

```
Elseif Sheets.Count = 8 Then
```

```
    ActiveSheet.Name = "Graficas5"
```

```
    libro = "Graficas5"
```

Elseif Sheets.Count = 9 Then

 ActiveSheet.Name = "Graficas6"

 libro = "Graficas6"

Elseif Sheets.Count = 10 Then

 ActiveSheet.Name = "Graficas7"

 libro = "Graficas7"

Elseif Sheets.Count = 11 Then

 ActiveSheet.Name = "Graficas8"

 libro = "Graficas8"

Elseif Sheets.Count = 12 Then

 ActiveSheet.Name = "Graficas9"

 libro = "Graficas9"

Elseif Sheets.Count = 13 Then

 ActiveSheet.Name = "Graficas10"

 libro = "Graficas10"

Elseif Sheets.Count = 14 Then

 ActiveSheet.Name = "Graficas11"

 libro = "Graficas11"

Elseif Sheets.Count = 15 Then

 ActiveSheet.Name = "Graficas12"

 libro = "Graficas12"

Elseif Sheets.Count = 16 Then

 ActiveSheet.Name = "Graficas13"

 libro = "Graficas13"

Elseif Sheets.Count = 17 Then

 ActiveSheet.Name = "Graficas14"

 libro = "Graficas14"

Elseif Sheets.Count = 18 Then

 ActiveSheet.Name = "Graficas15"

```

        libro = "Graficas15"
    End If

    Sheets("Analisis").Select
    ActiveWindow.SmallScroll Down:=-12
    Range("B2:P5").Select
    Selection.ClearContents
    Range("B8:M16").Select
    With Selection
        .HorizontalAlignment = xlGeneral
        .VerticalAlignment = xlCenter
        .WrapText = False
        .Orientation = 0
        .AddIndent = False
        .IndentLevel = 0
        .ShrinkToFit = False
        .ReadingOrder = xlContext
        .MergeCells = False
    End With
    With Selection
        .HorizontalAlignment = xlGeneral
        .VerticalAlignment = xlCenter
        .WrapText = False
        .Orientation = 0
        .AddIndent = False
        .IndentLevel = 0
        .ShrinkToFit = False
        .ReadingOrder = xlContext
    End With

```

```

.MergeCells = False
End With
Selection.UnMerge
Sheets("Simulador").Select
ActiveWindow.SmallScroll Down:=-12
Range("X33:AM36").Select
Selection.Copy
Sheets("Análisis").Select
Range("B2").Select
Selection.PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, SkipBlanks _
:=False, Transpose:=False

For fila = 0 To 4

    Sheets("Análisis").Select

    If fila = 0 Then
        Range("O9").Select
        ActiveCell.FormulaR1C1 = "1 . "
    ElseIf fila = 1 Then
        Range("O9").Select
        ActiveCell.FormulaR1C1 = "2 . "
    ElseIf fila = 2 Then
        Range("O9").Select
        ActiveCell.FormulaR1C1 = "3 . "
    ElseIf fila = 3 Then
        Range("O9").Select
        ActiveCell.FormulaR1C1 = "4 . "
    ElseIf fila = 4 Then

```

```
Range("O9").Select
```

```
ActiveCell.FormulaR1C1 = "5 . "
```

```
End If
```

```
For columna = 0 To 8
```

```
    If columna <> 5 Then
```

```
        Sheets("Simulador").Select
```

```
        Range(Cells(44 + fila * 11, 24 + columna * 13), Cells(52 + fila * 11, 35 + columna  
* 13)).Select
```

```
        Application.CutCopyMode = False
```

```
        Selection.Copy
```

```
        Sheets("Análisis").Select
```

```
        Range("B8").Select
```

```
        ActiveSheet.Paste
```

```
        ActiveWindow.SmallScroll Down:=12
```

```
        ActiveSheet.ChartObjects("Gráfico 3").Activate
```

```
        ActiveSheet.ChartObjects("Gráfico 3").Activate
```

```
        Application.CutCopyMode = False
```

```
        ActiveChart.ChartArea.Copy
```

```
        Range("L21").Select
```

```
        Sheets(libro).Select
```

```
    If columna < 5 Then
```

```
        Cells(10 + fila * 21, 4 + columna * 9).Select
```

```
        ActiveSheet.Pictures.Paste.Select
```

Else

Cells(10 + fila * 21, 4 + columna * 9 + 4).Select

ActiveSheet.Pictures.Paste.Select

End If

End If

Next columna

If fila = 4 Then

Sheets("Análisis").Select

Range("O9").Select

ActiveCell.FormulaR1C1 = " "

End If

Next fila

Sheets("Simulador").Select

Range("CK44:CV52").Select

Selection.Copy

Sheets("Análisis").Select

ActiveWindow.SmallScroll Down:=-9

Range("B8:M8").Select

ActiveSheet.Paste

ActiveWindow.SmallScroll Down:=12

ActiveSheet.ChartObjects("Gráfico 3").Activate

ActiveSheet.ChartObjects("Gráfico 3").Activate

```
Application.CutCopyMode = False
ActiveChart.ChartArea.Copy
Range("L21").Select
Sheets(libro).Select
ActiveWindow.ScrollColumn = 2
ActiveWindow.ScrollColumn = 3
ActiveWindow.ScrollColumn = 4
ActiveWindow.SmallScroll Down:=-66
Range("AY10").Select
ActiveSheet.Pictures.Paste.Select
```

```
Sheets("Analisis").Select
Range("B2:Q5").Select
Selection.Copy
Sheets(libro).Select
Range("B2").Select
ActiveSheet.Paste
```

.....

```
Sheets(libro).Select
Range("D7:K8").Select
With Selection
    .HorizontalAlignment = xlCenter
    .WrapText = False
    .Orientation = 0
    .AddIndent = False
    .IndentLevel = 0
```

```
.ShrinkToFit = False
.ReadingOrder = xlContext
.MergeCells = False
End With
Selection.Merge
Range("M7:T8").Select
With Selection
    .HorizontalAlignment = xlCenter
    .WrapText = False
    .Orientation = 0
    .AddIndent = False
    .IndentLevel = 0
    .ShrinkToFit = False
    .ReadingOrder = xlContext
    .MergeCells = False
End With
Selection.Merge
Range("V7:AC8").Select
With Selection
    .HorizontalAlignment = xlCenter
    .VerticalAlignment = xlBottom
    .WrapText = False
    .Orientation = 0
    .AddIndent = False
    .IndentLevel = 0
    .ShrinkToFit = False
    .ReadingOrder = xlContext
    .MergeCells = False
End With
```


Selection.Merge

Range("AE7:AL8").Select

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlBottom

.WrapText = False

.Orientation = 0

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = False

End With

Selection.Merge

Range("AN7:AU8").Select

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlBottom

.WrapText = False

.Orientation = 0

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = False

End With

Selection.Merge

Range("AY7:BF8").Select

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlBottom

.WrapText = False

.Orientation = 0

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = False

End With

Selection.Merge

ActiveWindow.SmallScroll Down:=3

Range("B10:B29").Select

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlBottom

.WrapText = False

.Orientation = 0

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = False

End With

Selection.Merge

Range("B31:B50").Select

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlBottom

```
.WrapText = False
.Orientation = 0
.AddIndent = False
.IndentLevel = 0
.ShrinkToFit = False
.ReadingOrder = xlContext
.MergeCells = False
```

End With

Selection.Merge

Range("B52:B71").Select

With Selection

```
.HorizontalAlignment = xlCenter
.VerticalAlignment = xlBottom
.WrapText = False
.Orientation = 0
.AddIndent = False
.IndentLevel = 0
.ShrinkToFit = False
.ReadingOrder = xlContext
.MergeCells = False
```

End With

Selection.Merge

Range("B73:B92").Select

With Selection

```
.HorizontalAlignment = xlCenter
.VerticalAlignment = xlBottom
.WrapText = False
.Orientation = 0
.AddIndent = False
```

```

        .IndentLevel = 0

        .ShrinkToFit = False

        .ReadingOrder = xlContext

        .MergeCells = False
    End With

    Selection.Merge

    Range("B94:B113").Select

    With Selection

        .HorizontalAlignment = xlCenter

        .VerticalAlignment = xlBottom

        .WrapText = False

        .Orientation = 0

        .AddIndent = False

        .IndentLevel = 0

        .ShrinkToFit = False

        .ReadingOrder = xlContext

        .MergeCells = False
    End With

    Selection.Merge

    Sheets("Simulador").Select

    Range("X45:AI45").Select

    Sheets(libro).Select

    Range("D7:K8").Select

    ActiveCell.FormulaR1C1 = "Ahorro Energía 1ª"

    Range("M7:T8").Select

    Sheets("Simulador").Select

    Range("AK45:AV45").Select

    Sheets(libro).Select

    ActiveCell.FormulaR1C1 = "Ahorro Emisiones CO2 (kg) con Emisiones evitadas"

```

Range("M9").Select

Sheets("Simulador").Select

Range("AX45:BI45").Select

ActiveCell.FormulaR1C1 = "Energía térmica disipada al ambiente"

Sheets(libro).Select

Range("V7:AC8").Select

ActiveCell.FormulaR1C1 = "Energía térmica disipada al ambiente"

Range("V9").Select

Sheets("Simulador").Select

Range("BK45:BV45").Select

ActiveCell.FormulaR1C1 = "Factores de emisión de CO2"

Sheets(libro).Select

ActiveWindow.SmallScroll ToRight:=8

Range("AE7:AL8").Select

ActiveCell.FormulaR1C1 = "Factores de emisión de CO2"

Range("AM6").Select

Sheets("Simulador").Select

Range("BX45:CI45").Select

ActiveCell.FormulaR1C1 = "Rendimiento global"

Sheets(libro).Select

Range("AN7:AU8").Select

ActiveCell.FormulaR1C1 = "Rendimiento global"

Range("AN9").Select

Sheets("Simulador").Select

Range("CK45:CV45").Select

Sheets(libro).Select

Range("AY7:BF8").Select

ActiveCell.FormulaR1C1 = "Energía Eléctrica PC Devuelta a Red (kWh)"

Range("AY9").Select

Range("D7:K8").Select

Selection.Font.Size = 20

Selection.Font.Bold = True

Sheets("Simulador").Select

Range("X44:AI44").Select

ActiveCell.FormulaR1C1 = _

"1. Generación H2 por Reformado in situ GN con aprovechamiento térmico"

Sheets(libro).Select

ActiveWindow.SmallScroll Down:=-6

Range("B10:B29").Select

ActiveCell.FormulaR1C1 = _

"1. Generación H2 por Reformado in situ GN con aprovechamiento térmico"

Range("B10:B29").Select

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlBottom

.WrapText = False

.Orientation = 90

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = True

End With

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlBottom

.WrapText = True

.Orientation = 90

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = True

End With

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlCenter

.WrapText = True

.Orientation = 90

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = True

End With

Selection.Font.Bold = True

Selection.Font.Size = 18

ActiveWindow.SmallScroll Down:=3

Sheets("Simulador").Select

ActiveWindow.SmallScroll Down:=15

Range("X55:A155").Select

Sheets(libro).Select

ActiveWindow.SmallScroll Down:=12

Range("B31:B50").Select

ActiveCell.FormulaR1C1 = _

"2. PC con H2 generado por Reformado centralizado GN sin aprovechamiento térmico ni CCS"

Range("B51").Select

Sheets("Simulador").Select

ActiveWindow.SmallScroll Down:=6

Range("X66:AI66").Select

Sheets(libro).Select

ActiveWindow.SmallScroll Down:=21

Range("B52:B71").Select

ActiveCell.FormulaR1C1 = _

"3. PC con H2 generado por Reformado centralizado GN sin aprovechamiento térmico con CCS"

Range("B72").Select

ActiveWindow.SmallScroll Down:=24

Sheets("Simulador").Select

ActiveWindow.SmallScroll Down:=18

Range("X77:AI77").Select

Sheets(libro).Select

ActiveWindow.SmallScroll Down:=9

Range("B94:B113").Select

ActiveWindow.SmallScroll Down:=-6

Range("B73:B92").Select

ActiveCell.FormulaR1C1 = _

"4. PC con H2 generado por Electrólisis in situ con aprovechamiento térmico"

Range("B93").Select

ActiveWindow.SmallScroll Down:=3

Range("B94:B113").Select

Sheets("Simulador").Select

ActiveWindow.SmallScroll Down:=12

Range("X88:A188").Select

Sheets(libro).Select

ActiveCell.FormulaR1C1 = _

"5. PC con H2 generado por Electrólisis centralizada o in situ sin aprovechamiento térmico"

Range("B114").Select

ActiveWindow.Zoom = 90

ActiveWindow.Zoom = 80

ActiveWindow.Zoom = 70

ActiveWindow.SmallScroll Down:=-78

Range("B10:B29").Select

With Selection.Interior

.Pattern = xlSolid

.PatternColorIndex = xlAutomatic

.ThemeColor = xlThemeColorAccent6

.TintAndShade = 0.599993896298105

.PatternTintAndShade = 0

End With

Range("D7:K8").Select

With Selection.Interior

.Pattern = xlSolid

.PatternColorIndex = xlAutomatic

.ThemeColor = xlThemeColorAccent1

.TintAndShade = 0.799981688894314

.PatternTintAndShade = 0

End With

Selection.Copy

Range("M7:T8").Select

Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _

SkipBlanks:=False, Transpose:=False

```
Range("V7:AC8").Select
Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _
    SkipBlanks:=False, Transpose:=False
Range("AE7:AL8").Select
Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _
    SkipBlanks:=False, Transpose:=False
Range("AN7:AU8").Select
Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _
    SkipBlanks:=False, Transpose:=False
Range("AY7:BF8").Select
Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _
    SkipBlanks:=False, Transpose:=False
Application.CutCopyMode = False
Range("B10:B29").Select
Selection.Copy
ActiveWindow.SmallScroll Down:=10
Range("B31:B50").Select
Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _
    SkipBlanks:=False, Transpose:=False
ActiveWindow.SmallScroll Down:=21
Range("B52:B71").Select
Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _
    SkipBlanks:=False, Transpose:=False
ActiveWindow.SmallScroll Down:=15
Range("B73:B92").Select
Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _
    SkipBlanks:=False, Transpose:=False
ActiveWindow.SmallScroll Down:=24
Range("B94:B113").Select
```

Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _

SkipBlanks:=False, Transpose:=False

ActiveWindow.SmallScroll Down:=6

Application.CutCopyMode = False

Range("BJ7:BQ8").Select

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlBottom

.WrapText = False

.Orientation = 0

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = False

End With

Selection.Merge

ActiveWindow.Zoom = 40

ActiveWindow.Zoom = 50

ActiveWindow.SmallScroll ToRight:=10

ActiveWindow.SmallScroll Down:=-6

Range("BS7:BZ8").Select

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlBottom

.WrapText = False

.Orientation = 0

.AddIndent = False

```

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = False

End With

Selection.Merge

ActiveWindow.SmallScroll ToRight:=10

Range("CB7:CI8").Select

With Selection

    .HorizontalAlignment = xlCenter

    .VerticalAlignment = xlBottom

    .WrapText = False

    .Orientation = 0

    .AddIndent = False

    .IndentLevel = 0

    .ShrinkToFit = False

    .ReadingOrder = xlContext

    .MergeCells = False

End With

Selection.Merge

Range("BJ7:BQ8").Select

ActiveCell.FormulaR1C1 = "Ahorro operativo (€/año)"

With ActiveCell.Characters(Start:=1, Length:=18).Font

    .Name = "Calibri"

    .FontStyle = "Normal"

    .Size = 11

    .Strikethrough = False

    .Superscript = False

    .Subscript = False

```

.OutlineFont = False
.Shadow = False
.Underline = xlUnderlineStyleNone
.ThemeColor = xlThemeColorLight1
.TintAndShade = 0
.ThemeFont = xlThemeFontMinor

End With

With ActiveCell.Characters(Start:=19, Length:=1).Font

.Name = "Calibri"
.FontStyle = "Normal"
.Size = 11
.Strikethrough = False
.Superscript = False
.Subscript = False
.OutlineFont = False
.Shadow = False
.Underline = xlUnderlineStyleNone
.ThemeColor = xlThemeColorLight1
.TintAndShade = 0
.ThemeFont = xlThemeFontNone

End With

With ActiveCell.Characters(Start:=20, Length:=5).Font

.Name = "Calibri"
.FontStyle = "Normal"
.Size = 5.5
.Strikethrough = False
.Superscript = False
.Subscript = False
.OutlineFont = False

```

.Shadow = False

.Underline = xlUnderlineStyleNone

.ThemeColor = xlThemeColorLight1

.TintAndShade = 0

.ThemeFont = xlThemeFontNone

End With

Range("BS7:BZ8").Select

ActiveCell.FormulaR1C1 = "Ahorro total (€/año)"

With ActiveCell.Characters(Start:=1, Length:=14).Font

    .Name = "Calibri"

    .FontStyle = "Normal"

    .Size = 11

    .Strikethrough = False

    .Superscript = False

    .Subscript = False

    .OutlineFont = False

    .Shadow = False

    .Underline = xlUnderlineStyleNone

    .ThemeColor = xlThemeColorLight1

    .TintAndShade = 0

    .ThemeFont = xlThemeFontMinor

End With

With ActiveCell.Characters(Start:=15, Length:=6).Font

    .Name = "Calibri"

    .FontStyle = "Normal"

    .Size = 11

    .Strikethrough = False

    .Superscript = False

    .Subscript = False

```

```

.OutlineFont = False

.Shadow = False

.Underline = xlUnderlineStyleNone

.ThemeColor = xlThemeColorLight1

.TintAndShade = 0

.ThemeFont = xlThemeFontNone

End With

Range("CB7:CI8").Select

ActiveCell.FormulaR1C1 = "Rentabilidad anual (%/año)"

Range("AY7:BF8").Select

Selection.Copy

Range("BJ7:BQ8").Select

Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _
    SkipBlanks:=False, Transpose:=False

Range("BS7:BZ8").Select

Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _
    SkipBlanks:=False, Transpose:=False

Range("CB7:CI8").Select

Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _
    SkipBlanks:=False, Transpose:=False

Selection.Font.Bold = False

Range("BJ7:BQ8").Select

With Selection.Font

    .Name = "Calibri"

    .Size = 20

    .Strikethrough = False

    .Superscript = False

    .Subscript = False

    .OutlineFont = False

```

```

.Shadow = False

.Underline = xlUnderlineStyleNone

.ThemeColor = xlThemeColorLight1

.TintAndShade = 0

End With

Range("BS7:BZ8").Select

With Selection.Font

.Name = "Calibri"

.Size = 20

.Strikethrough = False

.Superscript = False

.Subscript = False

.OutlineFont = False

.Shadow = False

.Underline = xlUnderlineStyleNone

.ThemeColor = xlThemeColorLight1

.TintAndShade = 0

End With

Range("AY7:BF8").Select

Selection.Copy

Range("BJ7:BQ8").Select

Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _
    SkipBlanks:=False, Transpose:=False

Application.CutCopyMode = False

Range("AY7:BF8").Select

Selection.Copy

Range("BS7:BZ8").Select

Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _
    SkipBlanks:=False, Transpose:=False

```



```
Application.CutCopyMode = False
Range("AY7:BF8").Select
Selection.Copy
Range("CB7:CI8").Select
Selection.PasteSpecial Paste:=xlPasteFormats, Operation:=xlNone, _
    SkipBlanks:=False, Transpose:=False
Application.CutCopyMode = False
Range("BJ7:BQ8").Select
Selection.Font.Italic = True
Selection.Font.Italic = False
Range("BJ7:BQ8").Select
ActiveCell.FormulaR1C1 = "Ahorro operativo (€/año)"
With ActiveCell.Characters(Start:=1, Length:=18).Font
    .Name = "Calibri"
    .FontStyle = "Negrita"
    .Size = 20
    .Strikethrough = False
    .Superscript = False
    .Subscript = False
    .OutlineFont = False
    .Shadow = False
    .Underline = xlUnderlineStyleNone
    .ThemeColor = xlThemeColorLight1
    .TintAndShade = 0
    .ThemeFont = xlThemeFontMinor
End With
With ActiveCell.Characters(Start:=19, Length:=6).Font
    .Name = "Calibri"
    .FontStyle = "Negrita"
```

```
.Size = 20  
.Strikethrough = False  
.Superscript = False  
.Subscript = False  
.OutlineFont = False  
.Shadow = False  
.Underline = xlUnderlineStyleNone  
.ThemeColor = xlThemeColorLight1  
.TintAndShade = 0  
.ThemeFont = xlThemeFontNone
```

End With

```
Range("BS7:BZ8").Select
```

```
Selection.Font.Bold = False
```

```
Range("BS7:BZ8").Select
```

```
ActiveCell.FormulaR1C1 = "Ahorro total (€/año)"
```

```
With ActiveCell.Characters(Start:=1, Length:=0).Font
```

```
.Name = "Calibri"  
.FontStyle = "Negrita"  
.Size = 20  
.Strikethrough = False  
.Superscript = False  
.Subscript = False  
.OutlineFont = False  
.Shadow = False  
.Underline = xlUnderlineStyleNone  
.ThemeColor = xlThemeColorLight1  
.TintAndShade = 0  
.ThemeFont = xlThemeFontMinor
```

End With

With ActiveCell.Characters(Start:=1, Length:=14).Font

.Name = "Calibri"

.FontStyle = "Negrita"

.Size = 20

.Strikethrough = False

.Superscript = False

.Subscript = False

.OutlineFont = False

.Shadow = False

.Underline = xlUnderlineStyleNone

.ThemeColor = xlThemeColorLight1

.TintAndShade = 0

.ThemeFont = xlThemeFontMinor

End With

With ActiveCell.Characters(Start:=15, Length:=6).Font

.Name = "Calibri"

.FontStyle = "Negrita"

.Size = 20

.Strikethrough = False

.Superscript = False

.Subscript = False

.OutlineFont = False

.Shadow = False

.Underline = xlUnderlineStyleNone

.ThemeColor = xlThemeColorLight1

.TintAndShade = 0

.ThemeFont = xlThemeFontNone

End With

Range("BS9").Select

ActiveWindow.Zoom = 30

ActiveWindow.SmallScroll Down:=-70

Columns("O:O").EntireColumn.AutoFit

Columns("P:P").EntireColumn.AutoFit

Sheets("Analisis").Select

Range("N19").Select

Selection.Copy

Sheets(libro).Name = Range("N19")

Application.CutCopyMode = False

Sheets("Simulador").Select

ActiveWindow.SmallScroll ToRight:=-10

ActiveWindow.SmallScroll Down:=-72

End Sub