

APÉNDICE 4: MÓDULO INICIALIZAR

```
Option Explicit
Option Base 1
```

```
Public Info() As New Nodo 'Vector: Contiene los nodos de la red
```

```
'Obtiene de la hoja de calculo la información
'de la red
```

```
Sub Inicio()
Dim Tam As Integer
Dim i As Integer
Dim p As Integer
Dim Adist() As Variant
Dim Anodos() As String
```

```
With FPrincipal.ShtPrincipal
```

```
    Tam = .Sheets("Nodos").Range("A1").CurrentRegion.Rows.Count - 1
```

```
    ReDim Info(1 To Tam)
```

```
    For i = 1 To Tam - 1
```

```
        Info(i).Nombre = .Sheets("Costos").Cells(i + 1, 1).Text
```

```
        p = 2
```

```
        ReDim Adist(1 To 1)
```

```
        ReDim Anodos(1 To 1)
```

```
        While Not IsEmpty(.Sheets("Costos").Cells(i + 1, p))
```

```
            ReDim Preserve Adist(1 To p - 1)
```

```
            ReDim Preserve Anodos(1 To p - 1)
```

```
            Adist(p - 1) = .Sheets("Costos").Cells(i + 1, p)
```

```
            Anodos(p - 1) = .Sheets("Nodos").Cells(i + 1, p)
```

```
            p = p + 1
```

```
        Wend
```

```
        Info(i).AgregaDist Adist 'Asigna las distancias de cada nodo
```

```
        Info(i).AgregaNodos Anodos 'Asigna los arcos de cada nodo
```

```
    Next
```

```
    'Asigna el nombre del nodo
```

```
    Info(i).Nombre = .Sheets("Costos").Cells(i + 1, 1).Text
```

```
End With
```

```
End Sub
```