

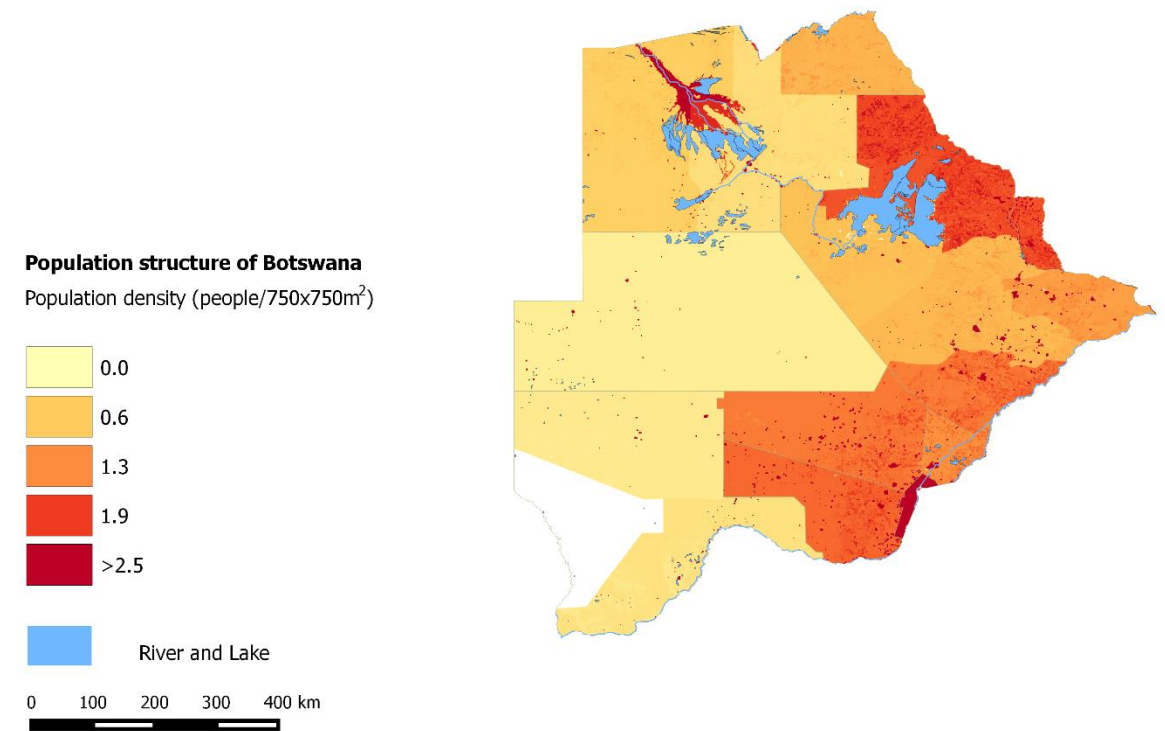
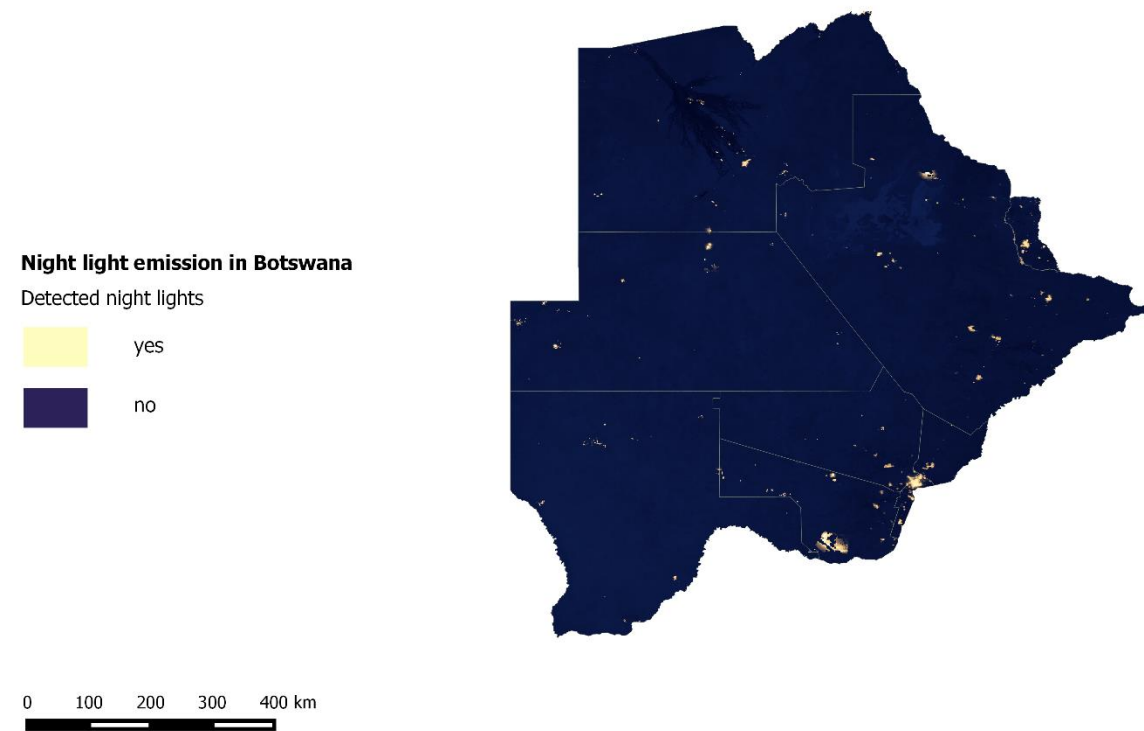
South Africa



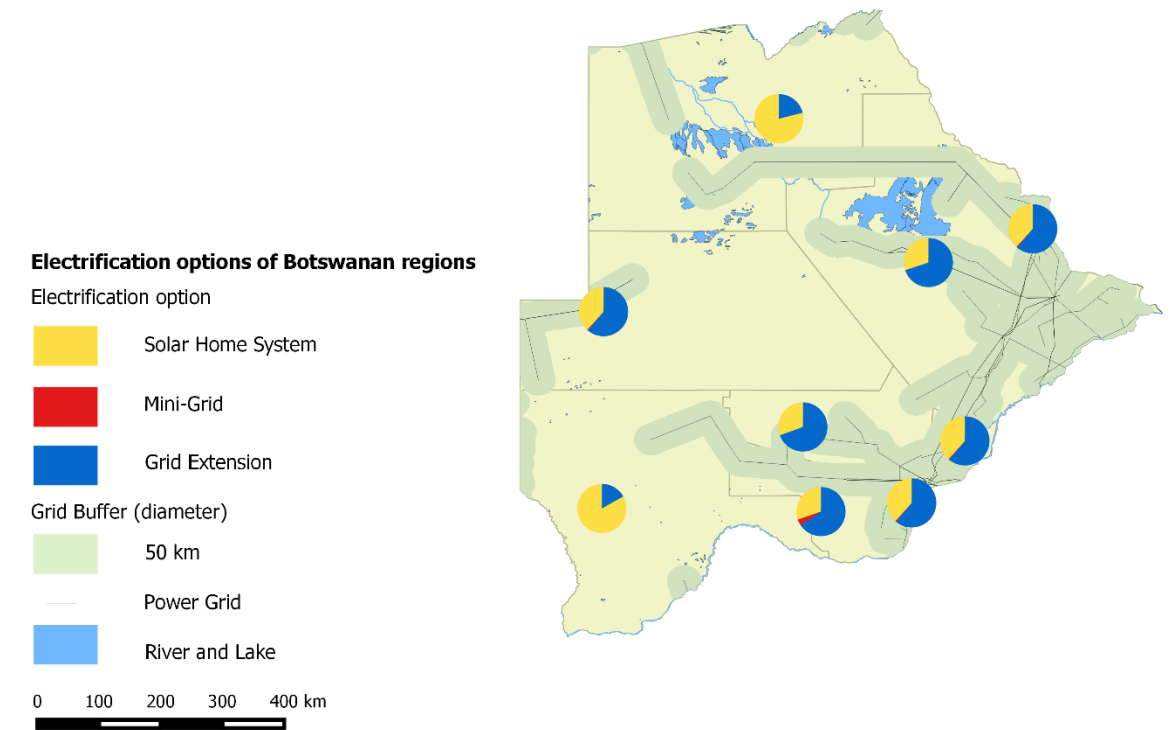
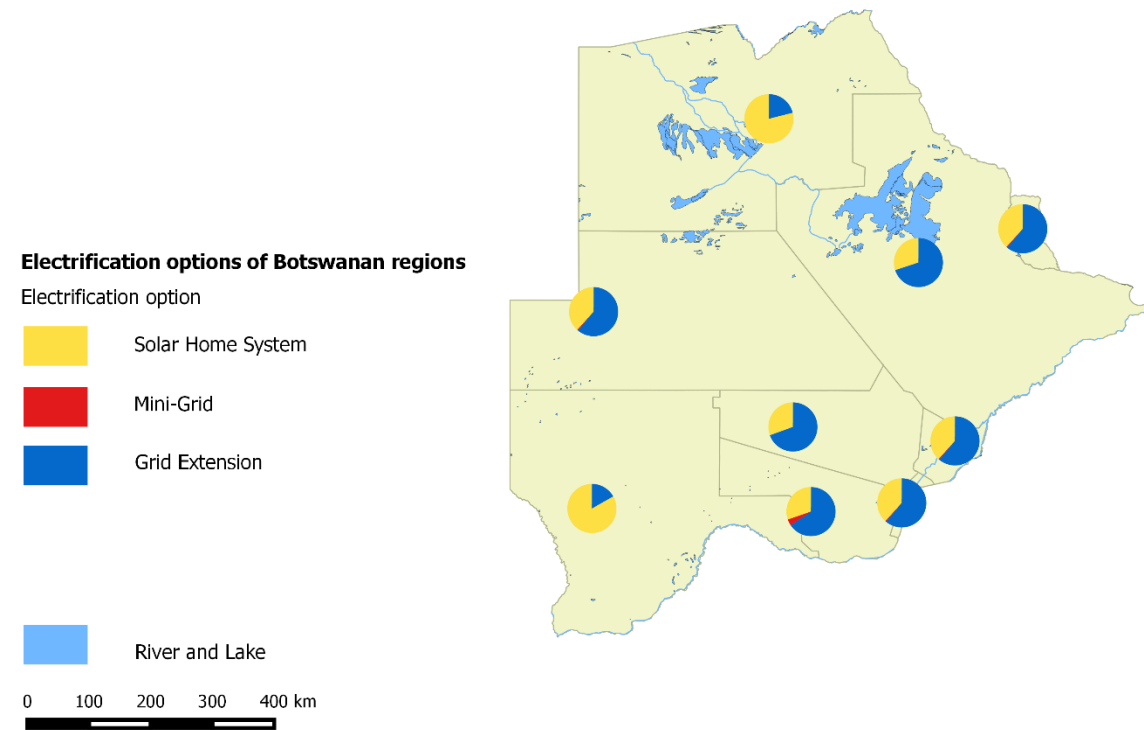
Botswana



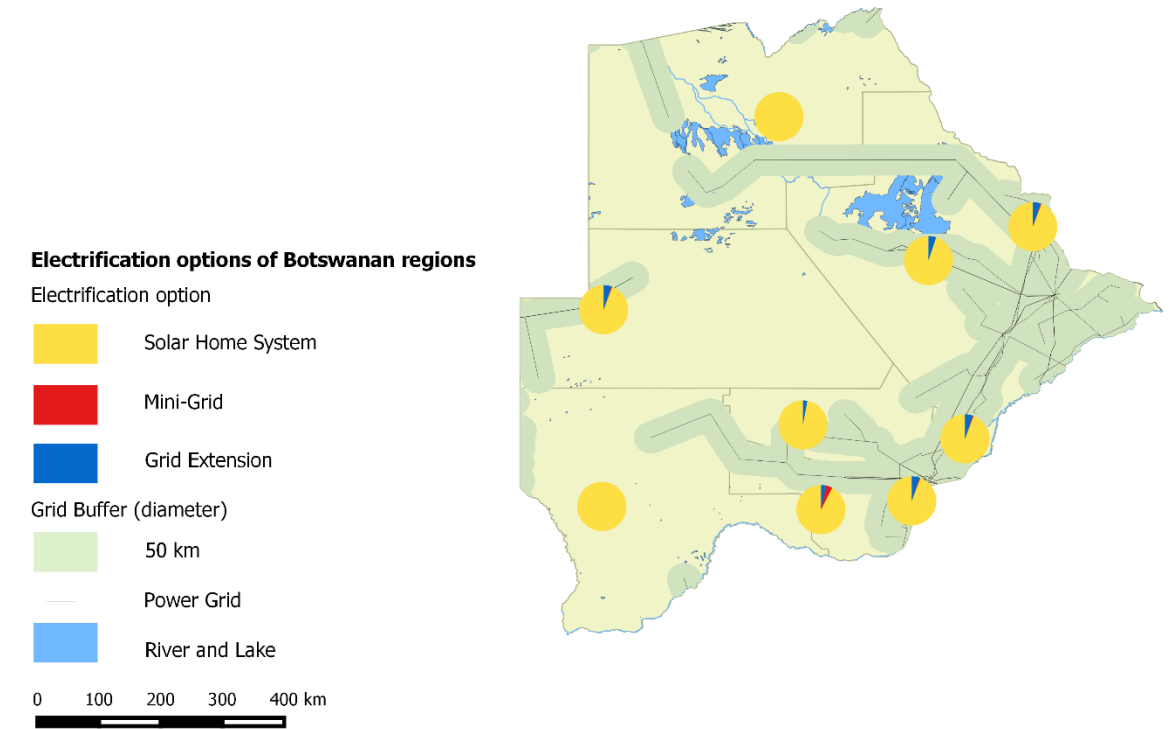
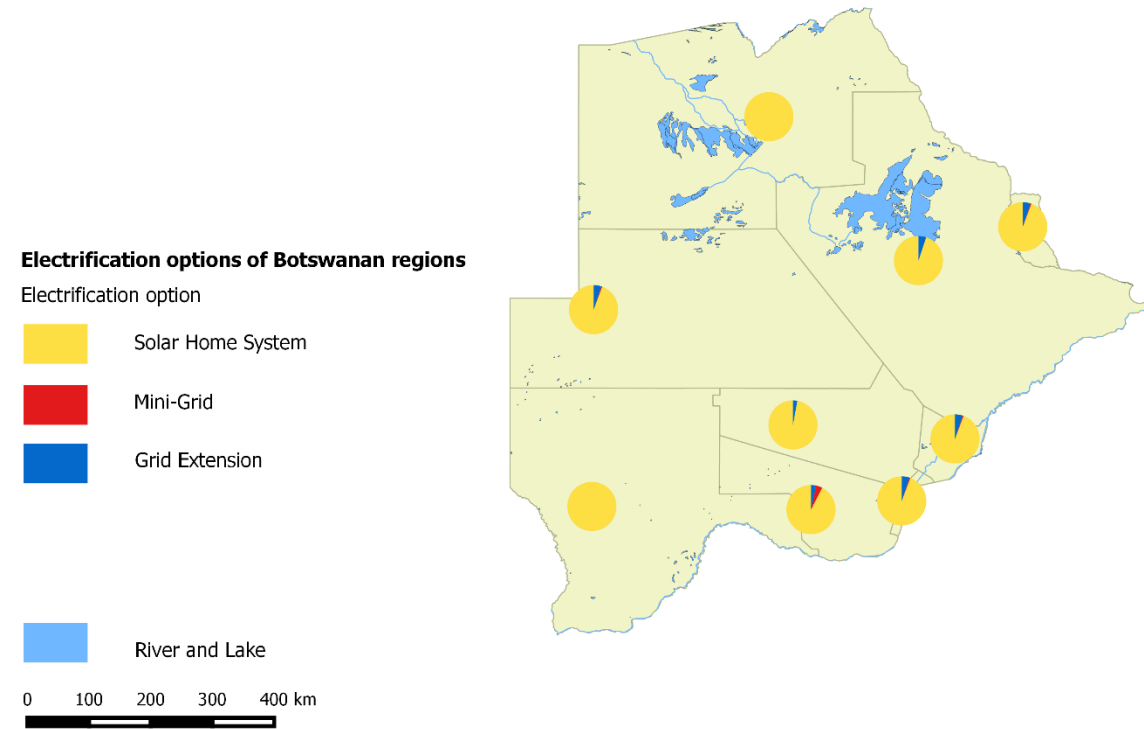
Night light emission and Population of Botswanan regions



Electrification option in all Botswanan regions: GridBuilt-GridDom



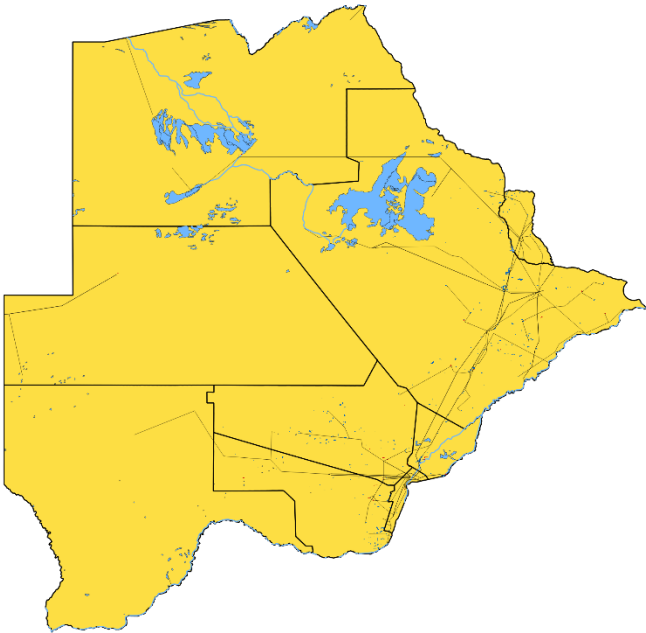
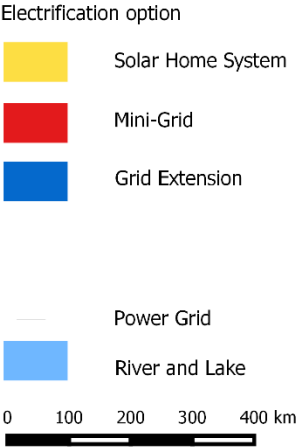
Electrification option in all Botswanan regions: GridBuilt-SHSDom



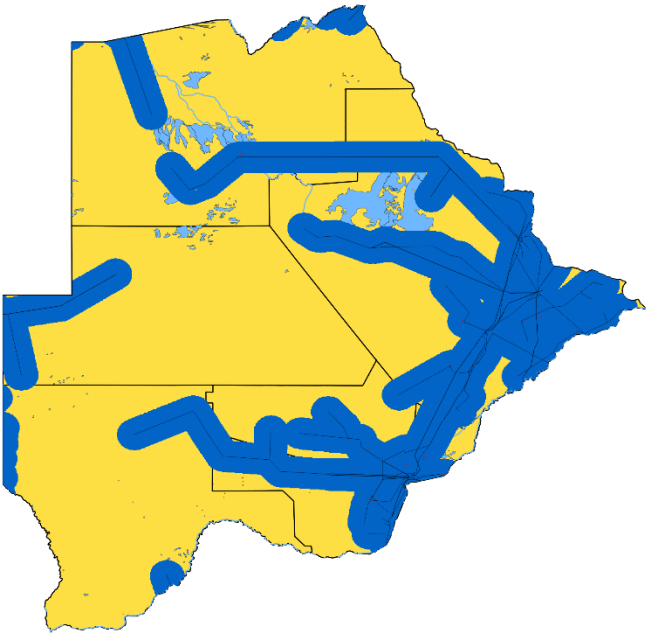
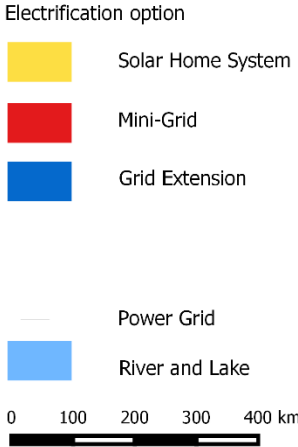
Electrification option: GridBuilt-SHSDom

Electrification option: GridBuilt-GridDom

Electrification options of Botswanan regions



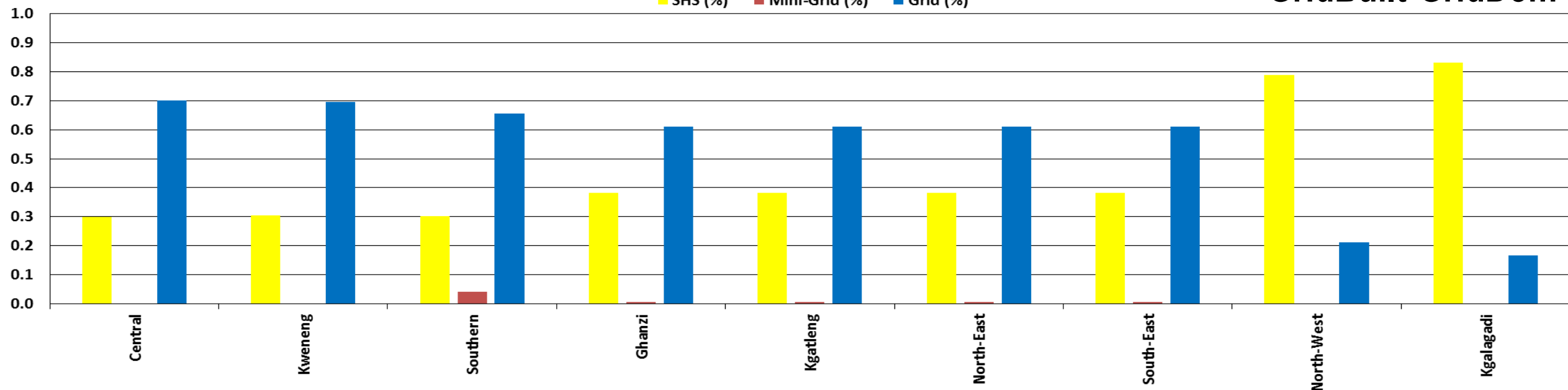
Electrification options of Botswanan regions



Share of electrification options in all Botswanan regions

SHS (%) Mini-Grid (%) Grid (%)

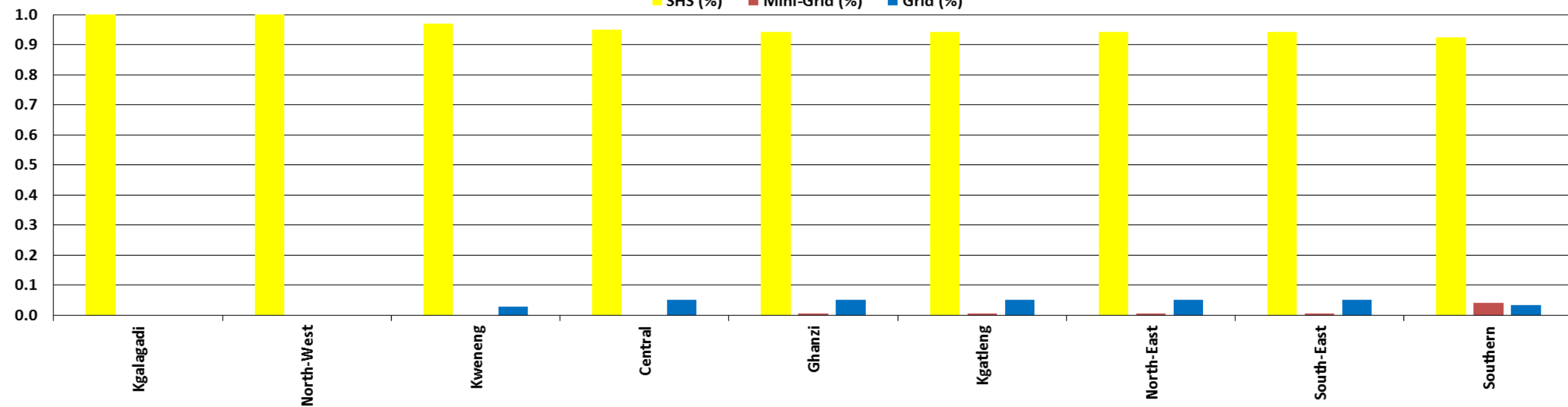
GridBuilt-GridDom



Share of electrification options in all Botswanan regions

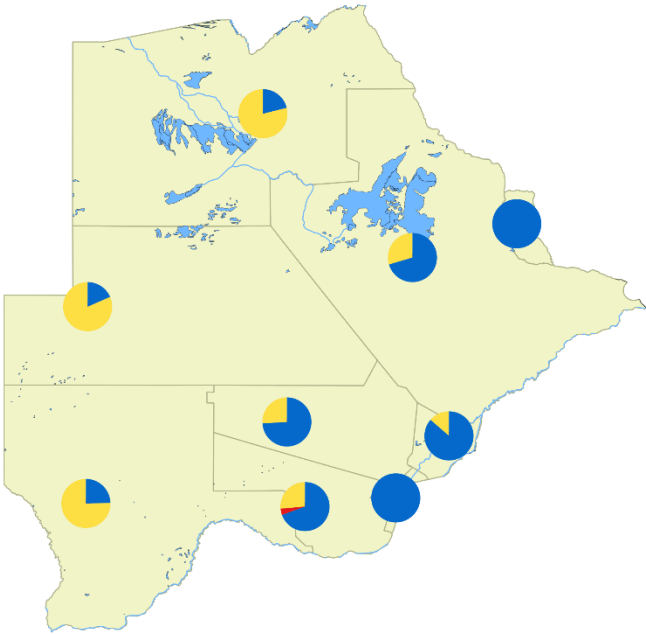
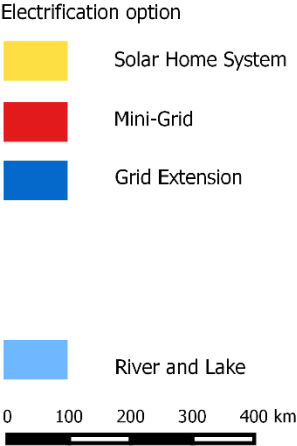
SHS (%) Mini-Grid (%) Grid (%)

GridBuilt-SHSDom

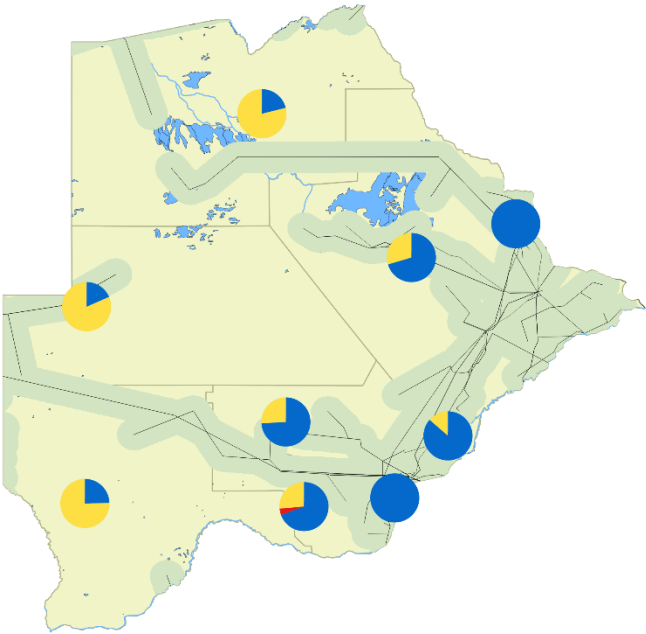


Electrification option in all Botswanan regions: GridPlanned-GridDom

Electrification options of Botswanan regions

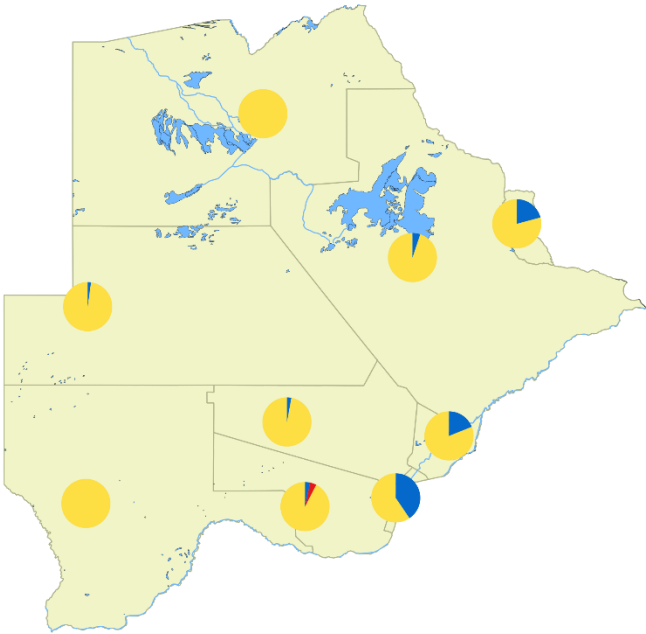
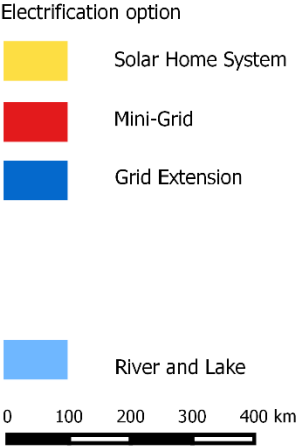


Electrification options of Botswanan regions

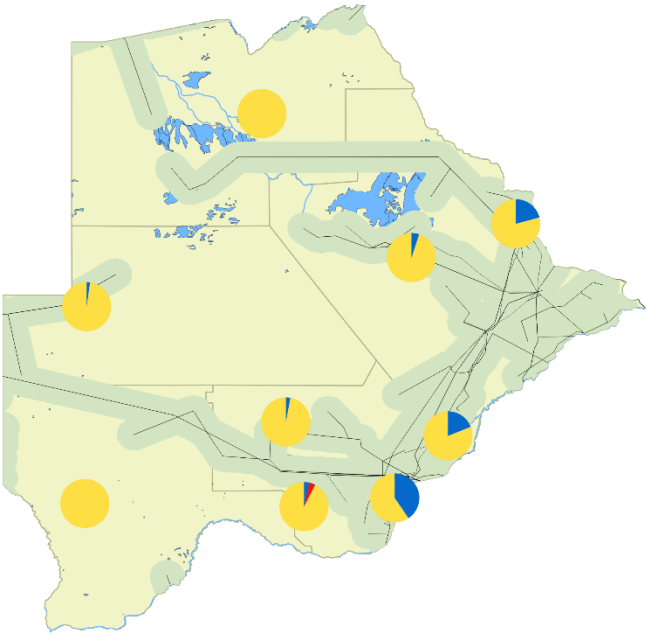


Electrification option in all Botswanan regions: GridPlanned-SHSDom

Electrification options of Botswanan regions



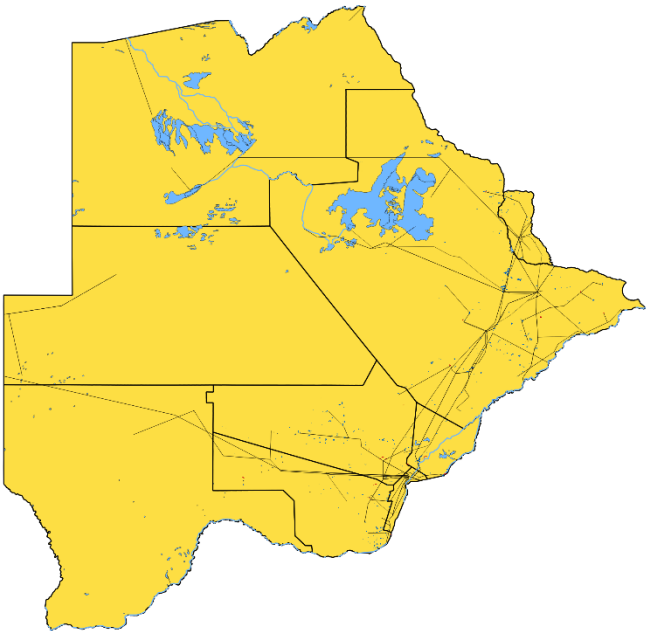
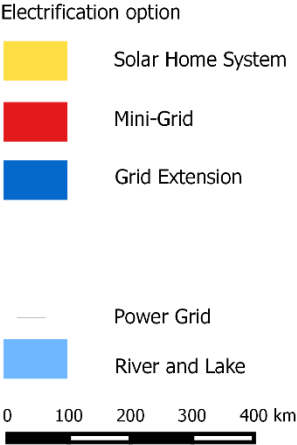
Electrification options of Botswanan regions



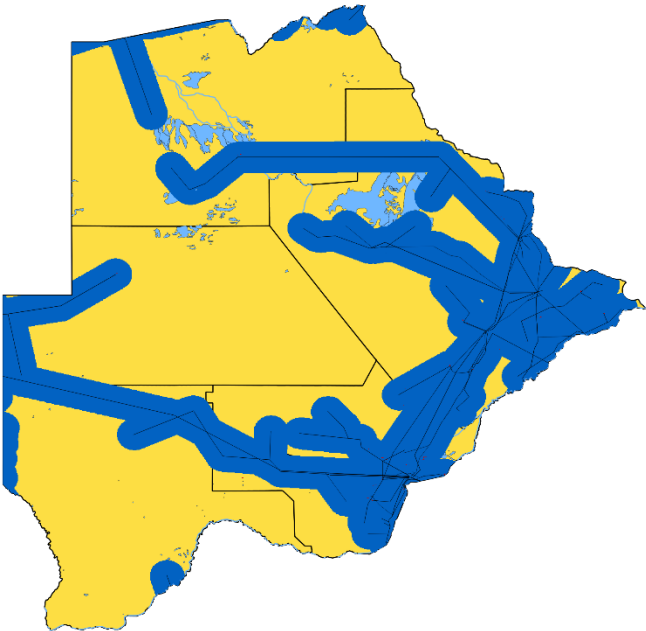
Electrification option: GridPlanned-SHSDom

Electrification option: GridPlanned-GridDom

Electrification options of Botswanan regions



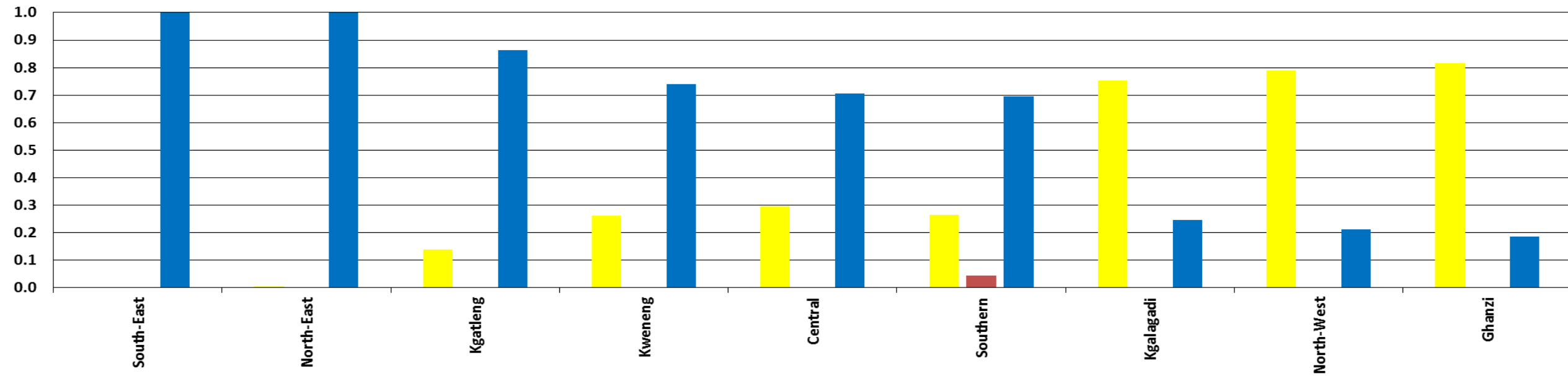
Electrification options of Botswanan regions



Share of electrification options in all Botswanan regions

SHS (%) Mini-Grid (%) Grid (%)

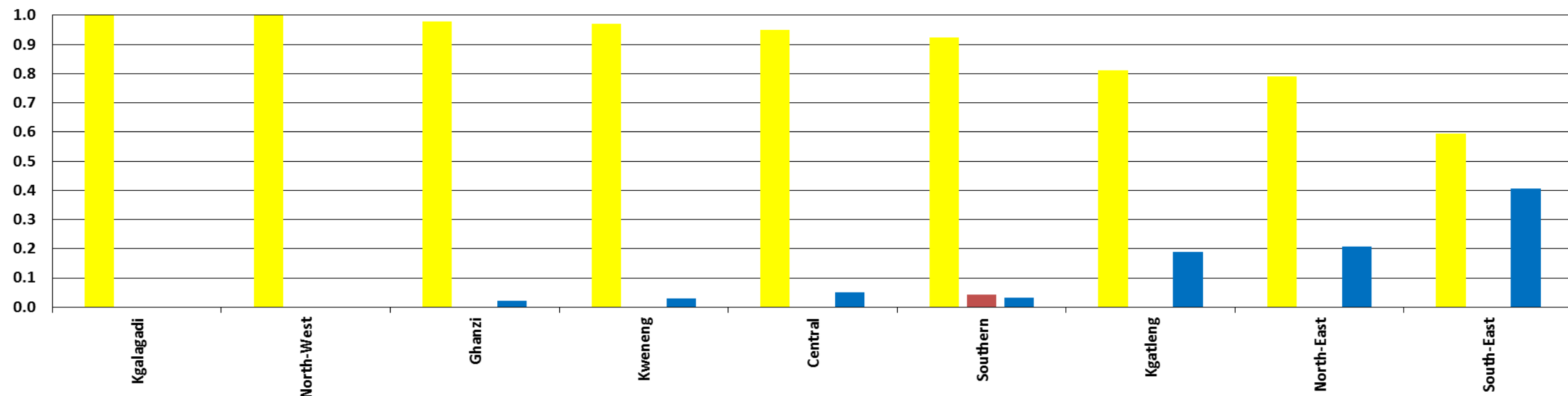
GridPlanned-GridDom



Share of electrification options in all Botswanan regions

SHS (%) Mini-Grid (%) Grid (%)

GridPlanned-SHSDom



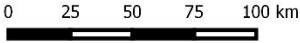
Lesotho



Night light emission and Population of Basotho regions

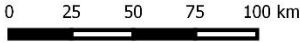
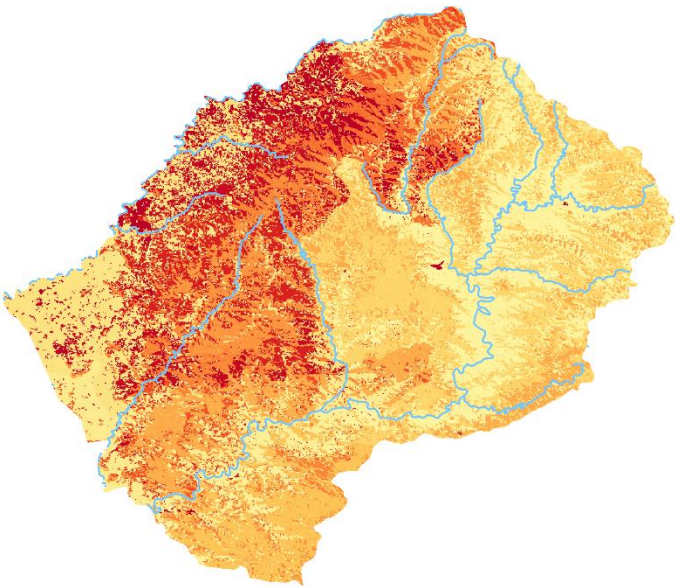
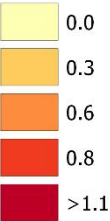
Night light emission in Lesotho

Detected night lights



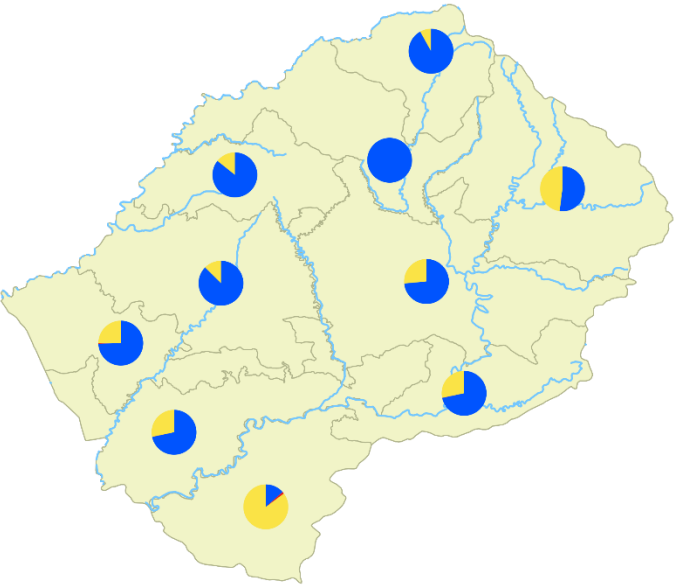
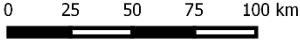
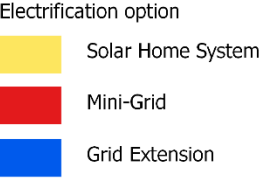
Population structure of Lesotho

Population density (people/750x750m²)

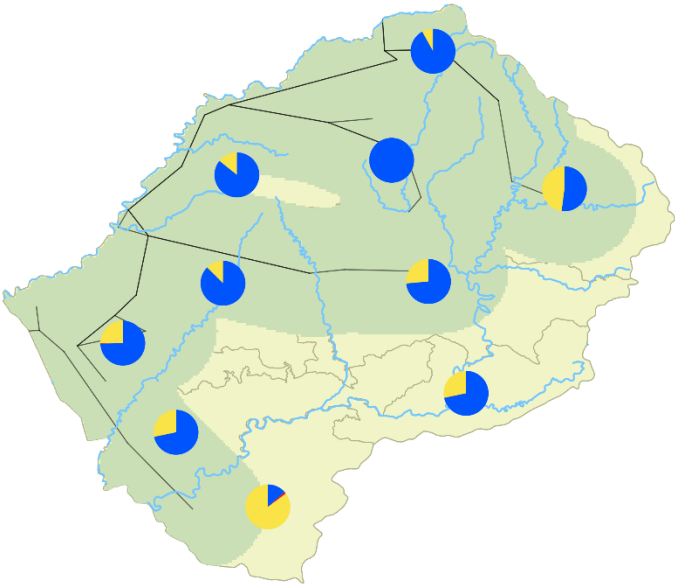
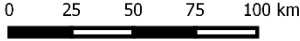
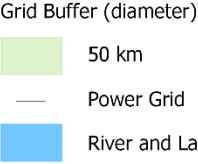
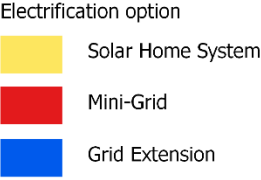


Electrification option in all Basotho regions: GridBuilt-GridDom

Electrification options of Basotho regions



Electrification options of Basotho regions

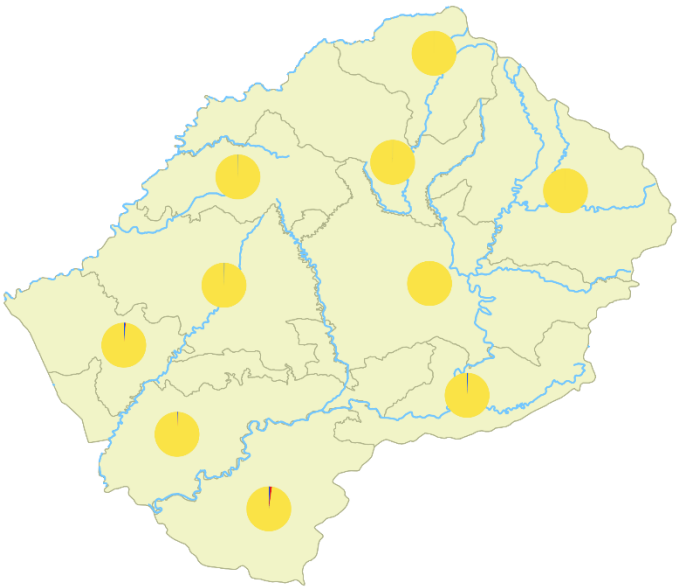
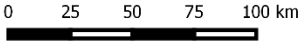


Electrification option in all Basotho regions: GridBuilt-SHSDom

Electrification options of Basotho regions

- Electrification option
- Solar Home System
 - Mini-Grid
 - Grid Extension

River and Lake

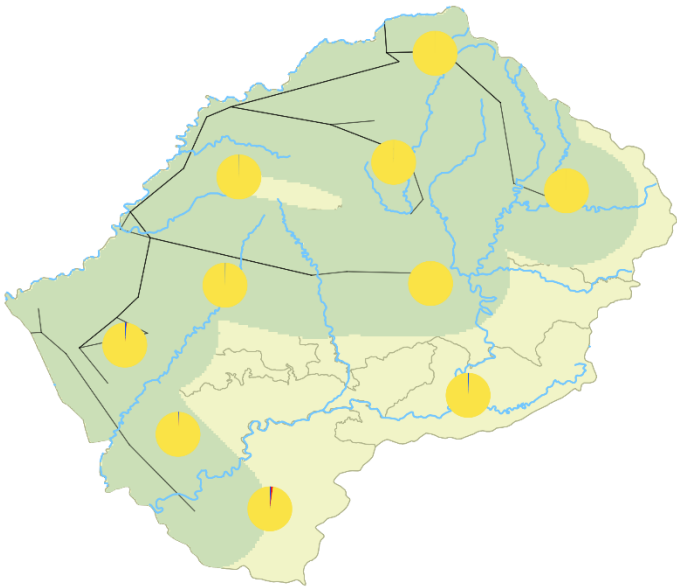
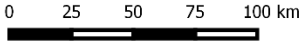


Electrification options of Basotho regions

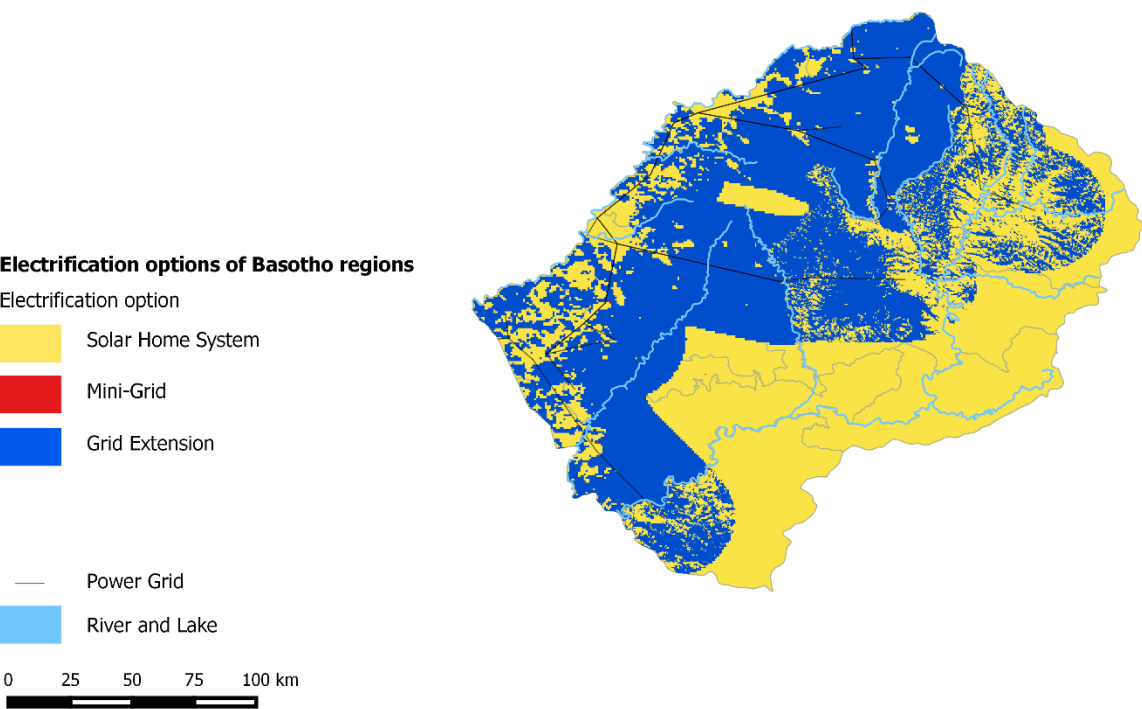
- Electrification option
- Solar Home System
 - Mini-Grid
 - Grid Extension

Grid Buffer (diameter)

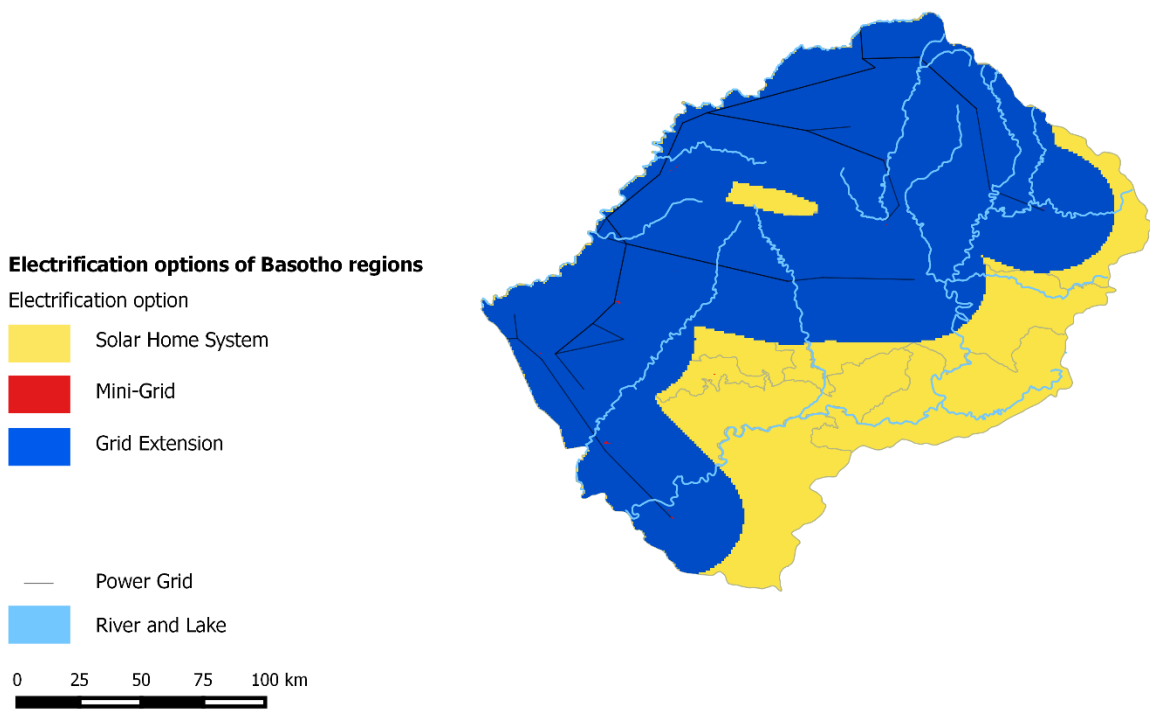
- 50 km
- Power Grid
- River and Lake



Electrification option: GridBuilt-SHSDom



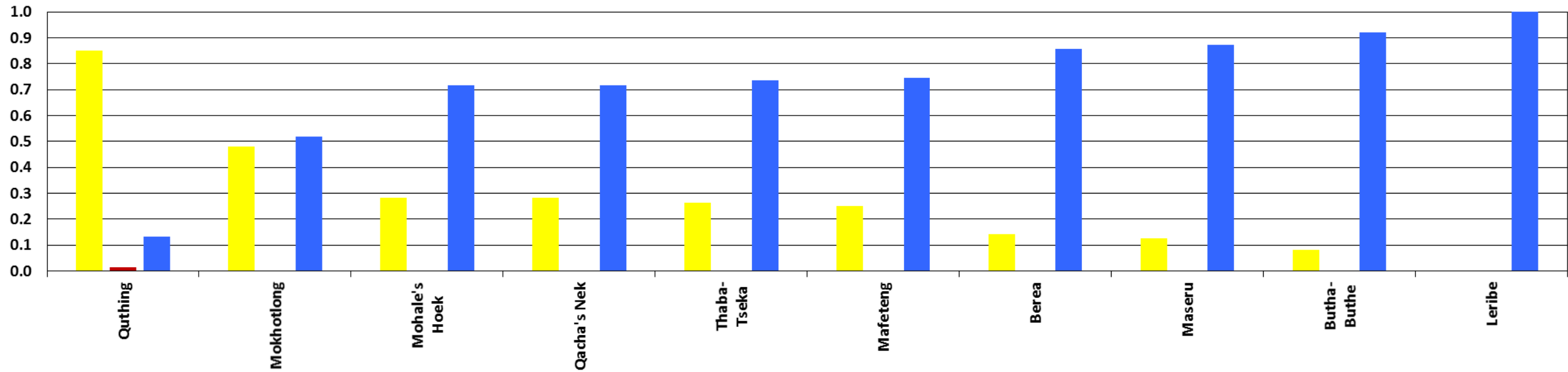
Electrification option: GridBuilt-GridDom



Share of electrification options in all Basotho regions

SHS (%) Mini-Grid (%) Grid (%)

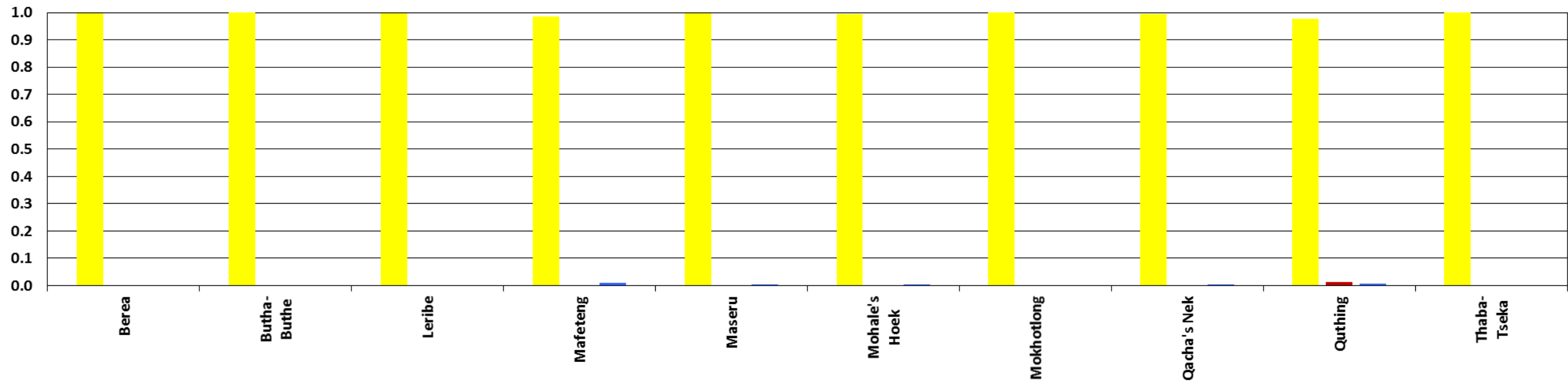
GridBuilt-GridDom



Share of electrification options in all Basotho regions

SHS (%) Mini-Grid (%) Grid (%)

GridBuilt-SHSDom



Namibia



Night light emission and Population of Namibian regions

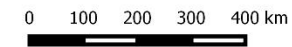
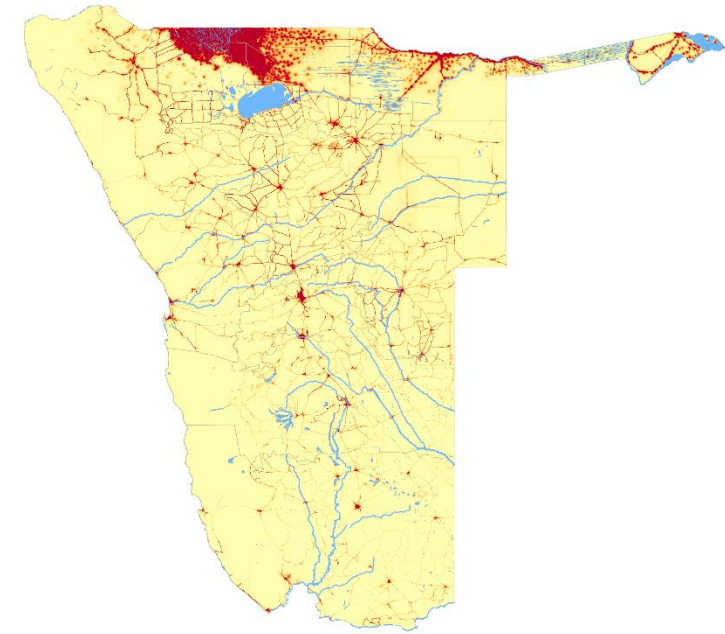
Night light emission in Namibia

Detected night lights



Population structure of Namibia


Population density (people/750x750m²)



Electrification option in all Namibian regions: GridBuilt-GridDom

Electrification options of Namibian regions

Electrification option

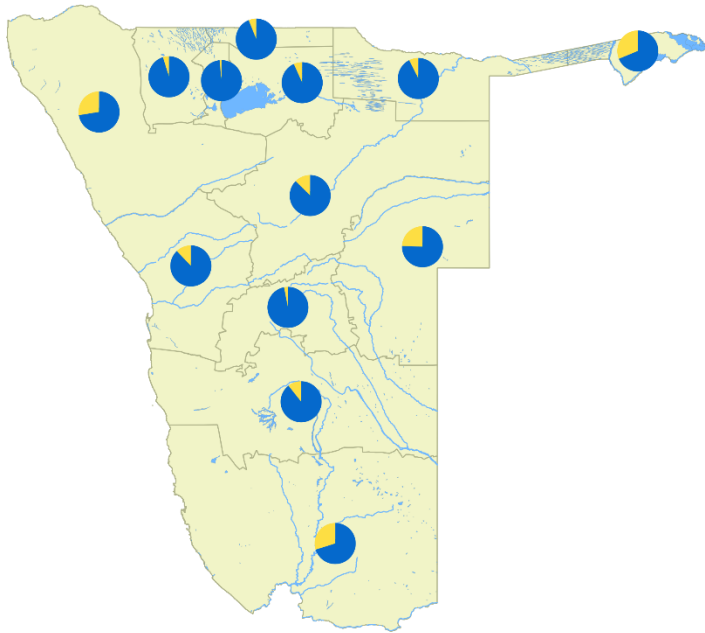
 Solar Home System

 Mini-Grid

 Grid Extension

 River and Lake

0 100 200 300 400 km



Electrification options of Namibian regions

Electrification option

 Solar Home System

 Mini-Grid

 Grid Extension

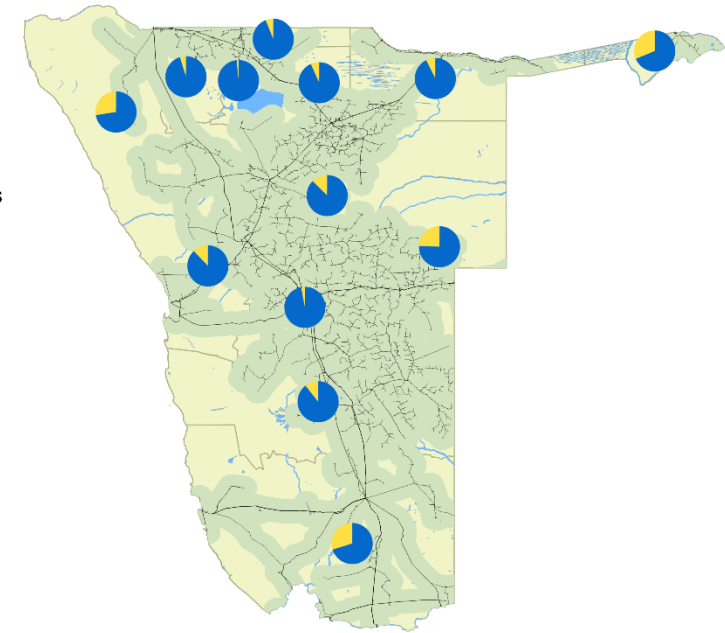
Grid Buffer (diameter)

 50 km

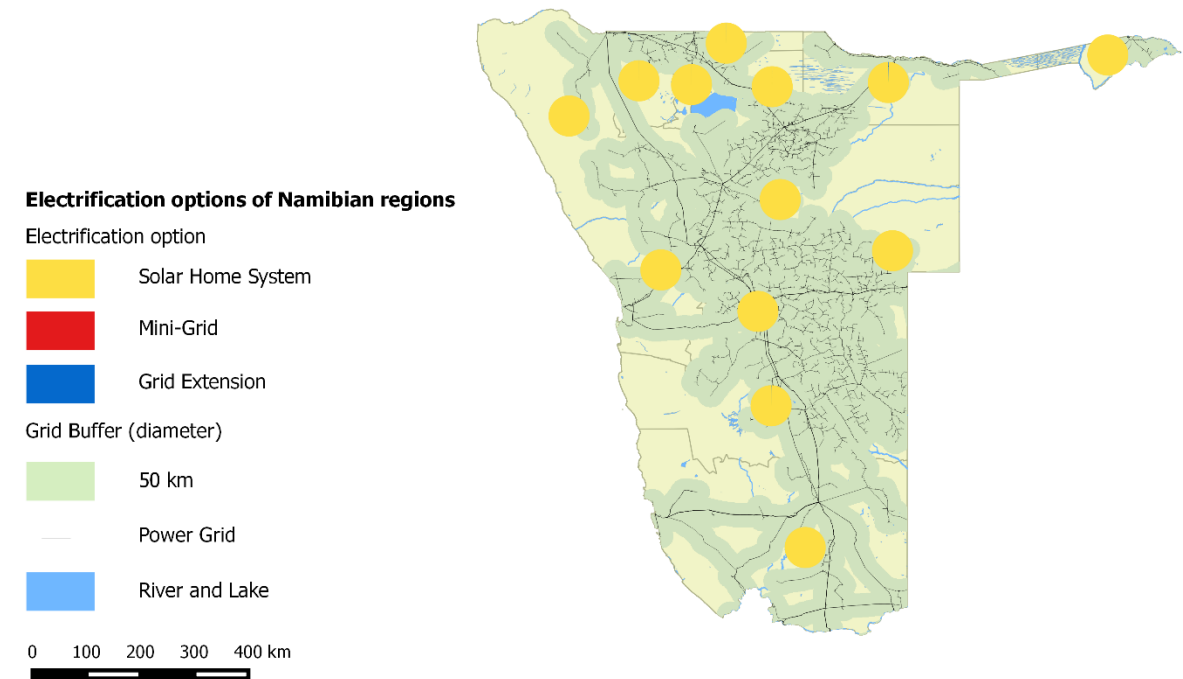
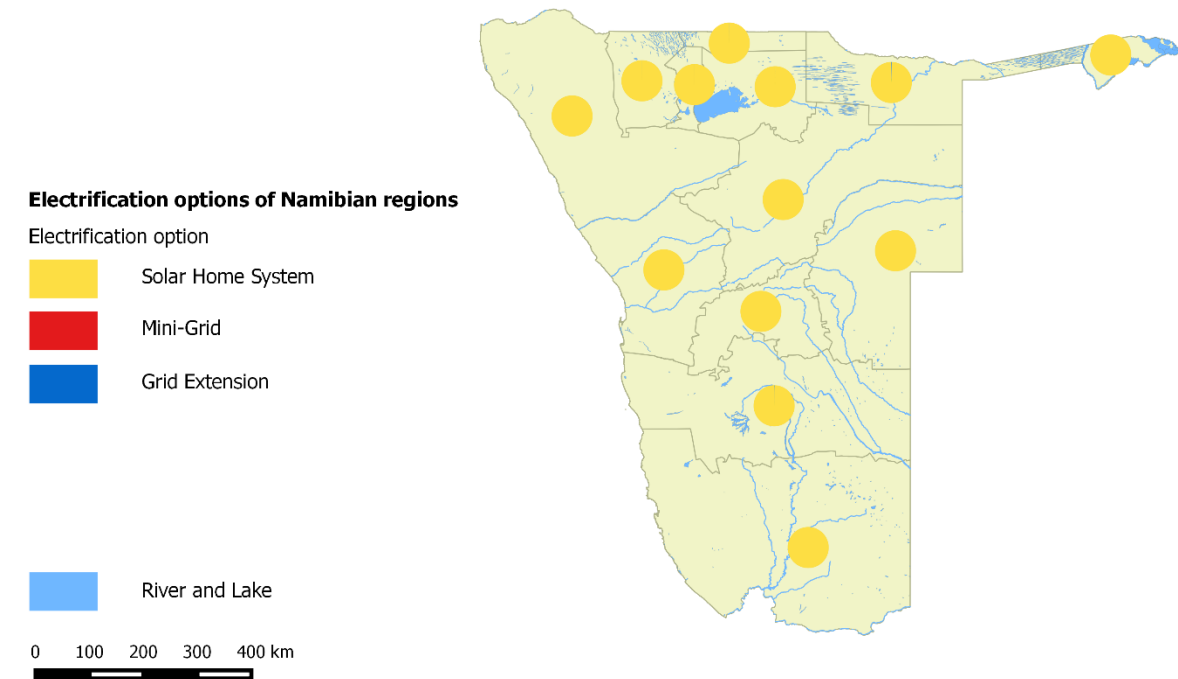
 Power Grid

 River and Lake

0 100 200 300 400 km

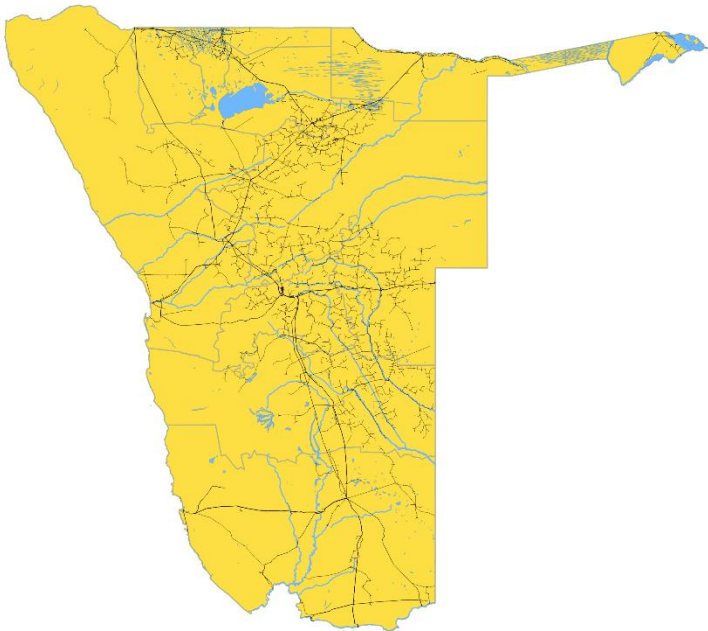


Electrification option in all Namibian regions: GridBuilt-SHSDom



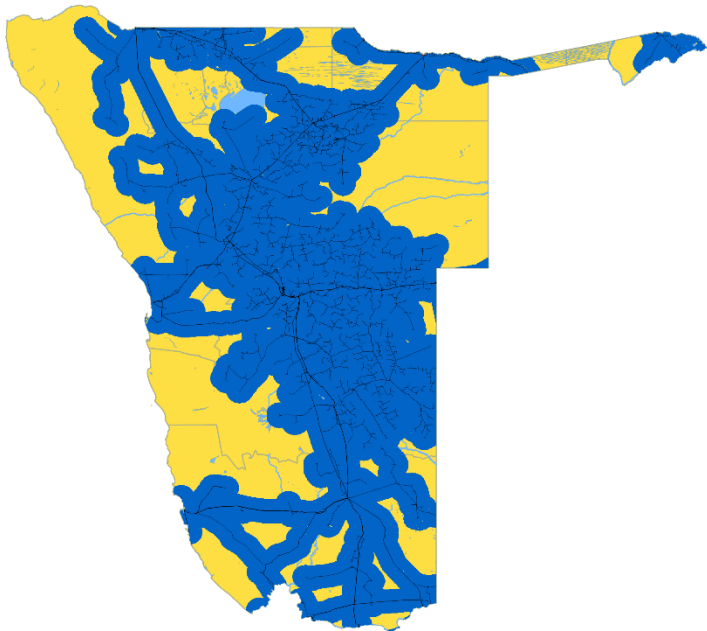
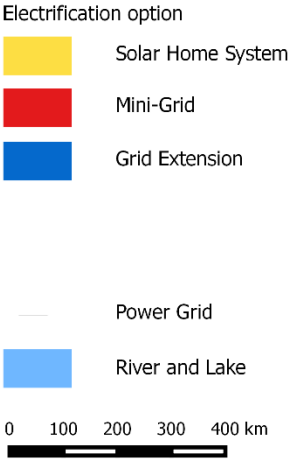
Electrification option: GridBuilt-SHSDom

Electrification options of Namibian regions



Electrification option: GridBuilt-GridDom

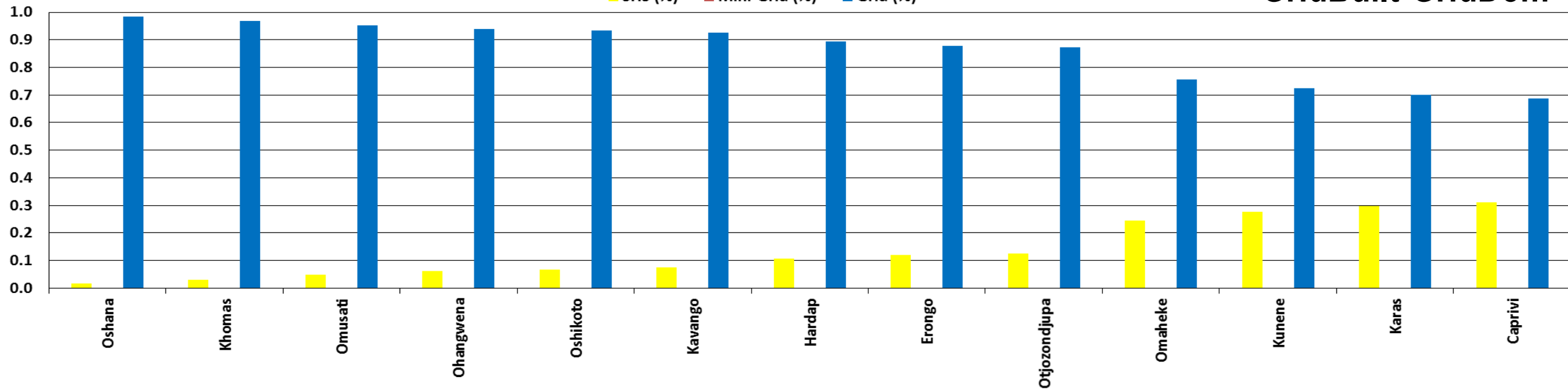
Electrification options of Namibian regions



Share of electrification options in all Namibian regions

SHS (%) Mini-Grid (%) Grid (%)

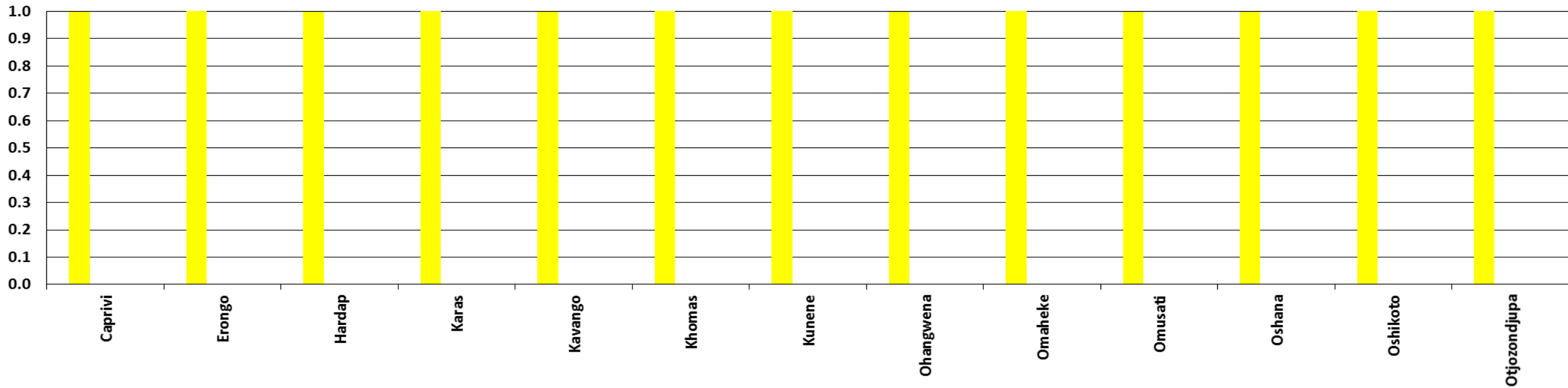
GridBuilt-GridDom



Share of electrification options in all Namibian regions

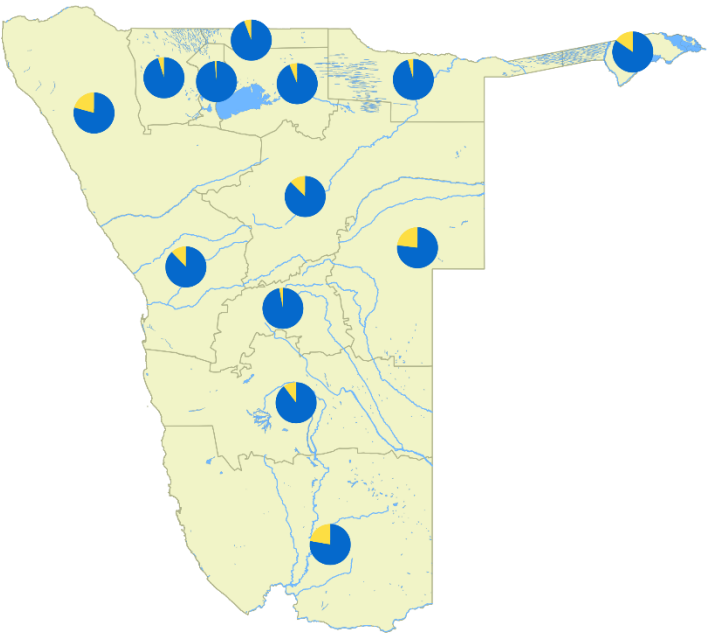
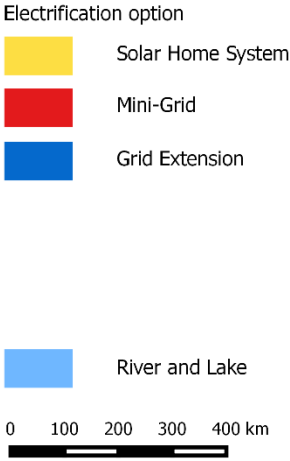
SHS (%) Mini-Grid (%) Grid (%)

GridBuilt-SHSDom

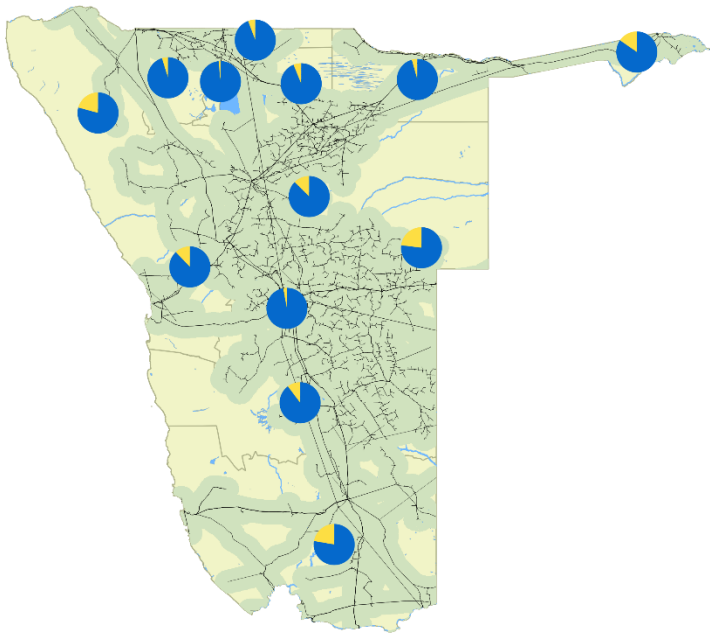


Electrification option in all Namibian regions: GridPlanned-GridDom

Electrification options of Namibian regions

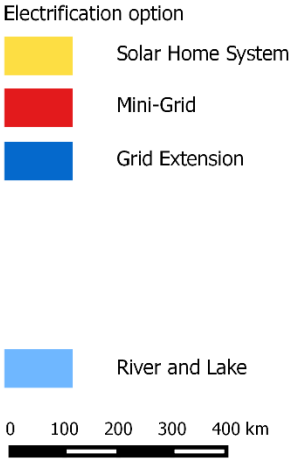


Electrification options of Namibian regions



Electrification option in all Namibian regions: GridPlanned-SHSDom

Electrification options of Namibian regions

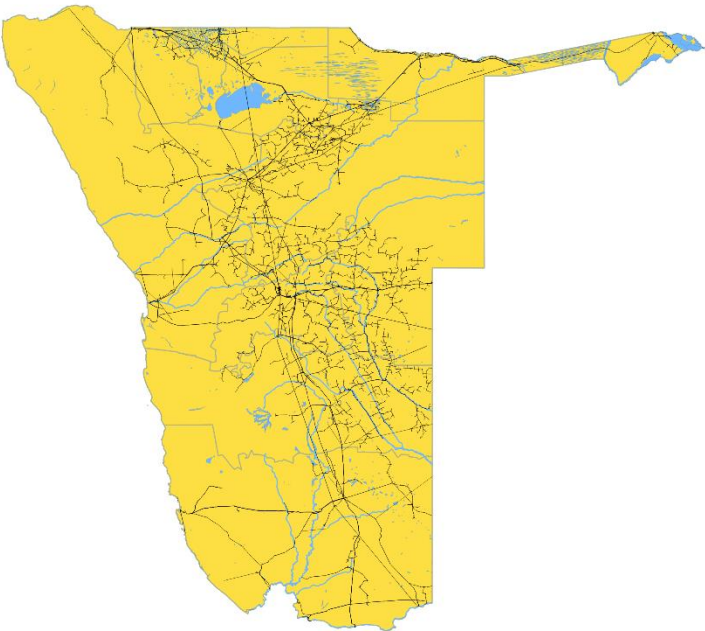


Electrification options of Namibian regions



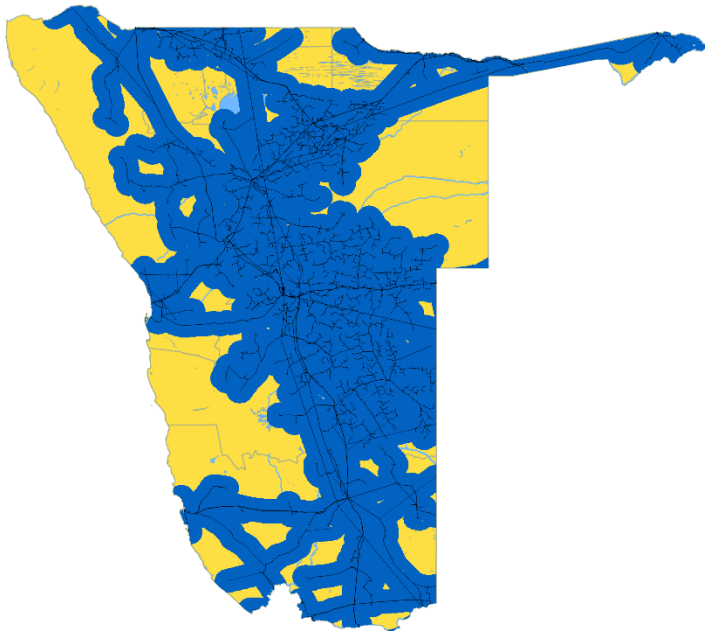
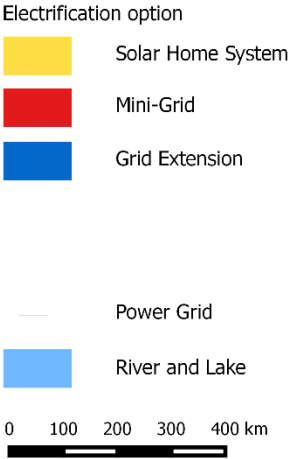
Electrification option: GridPlanned-SHSDom

Electrification options of Namibian regions



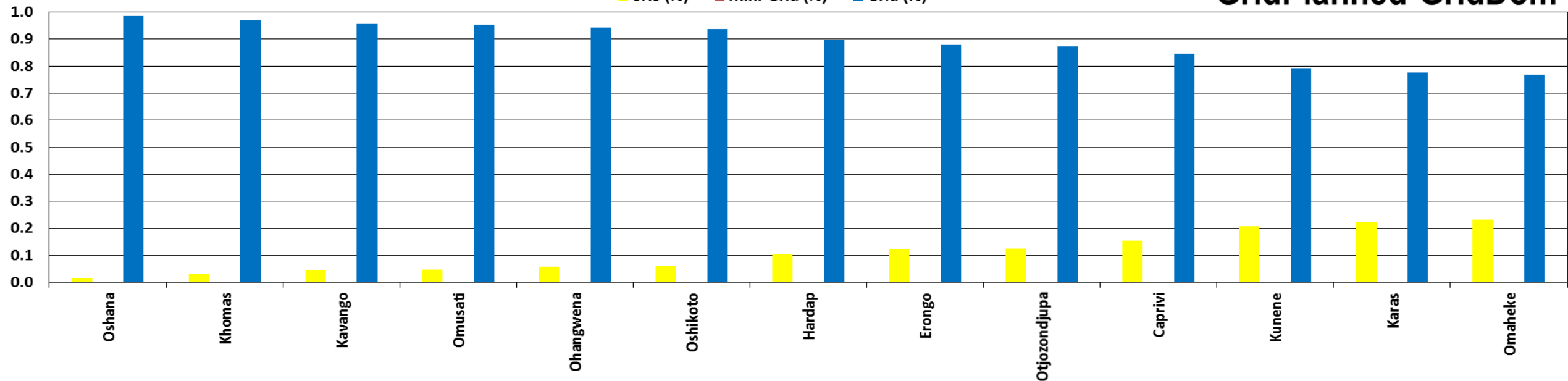
Electrification option: GridPlanned-GridDom

Electrification options of Namibian regions



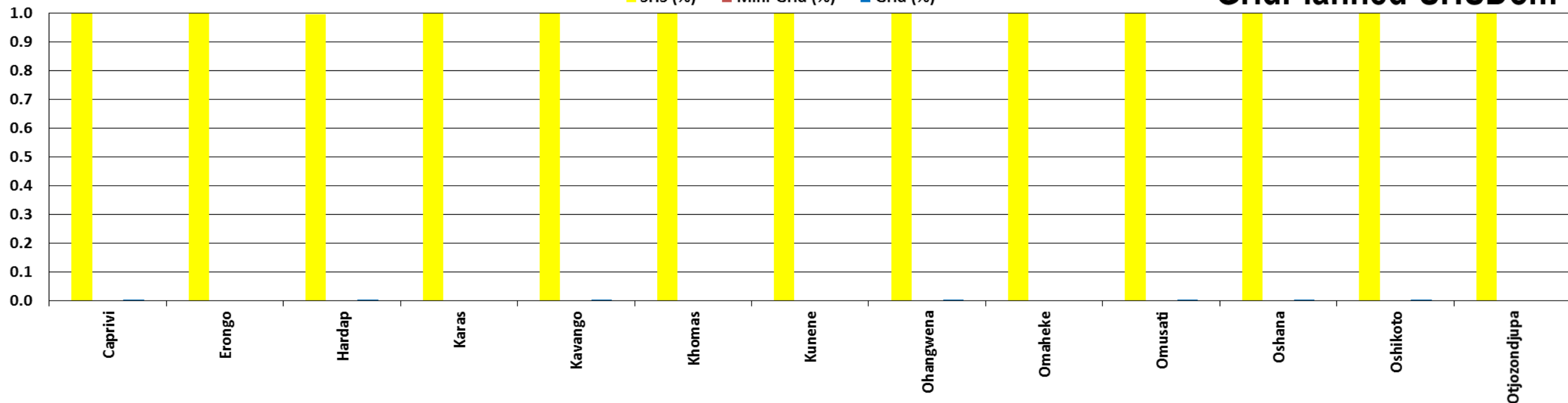
Share of electrification options in all Namibian regions

SHS (%) Mini-Grid (%) Grid (%)



Share of electrification options in all Namibian regions

SHS (%) Mini-Grid (%) Grid (%)



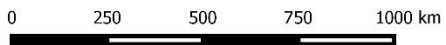
South Africa



Night light emission and Population of South African regions

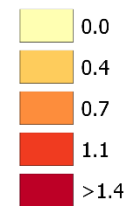
Night light emission in South Africa

Detected night lights

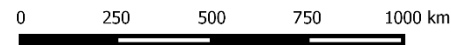
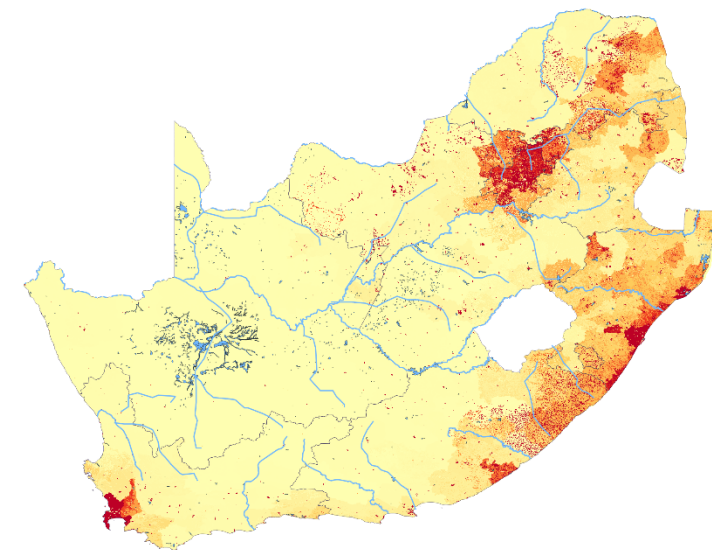


Population structure of South Africa

Population density (people/750x750m²)



River and Lake (blue)



Electrification option in all South African regions: GridBuilt-GridDom

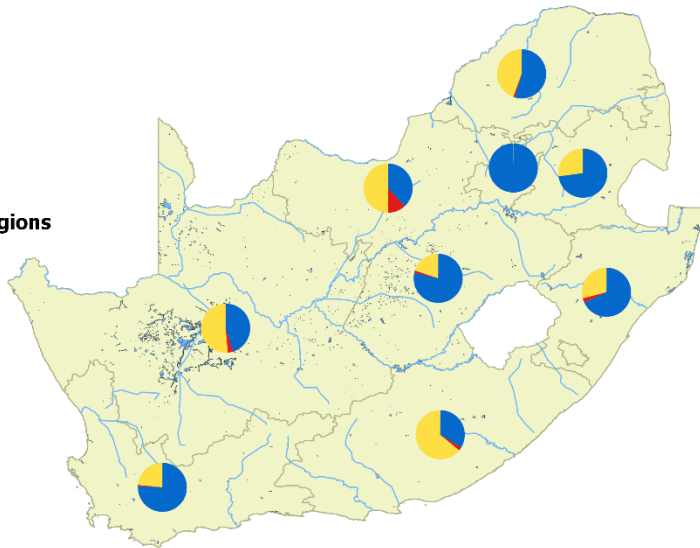
Electrification options of South African regions

Electrification option

- Solar Home System
- Mini-Grid
- Grid Extension

River and Lake

0 250 500 750 1000 km



Electrification options of South African regions

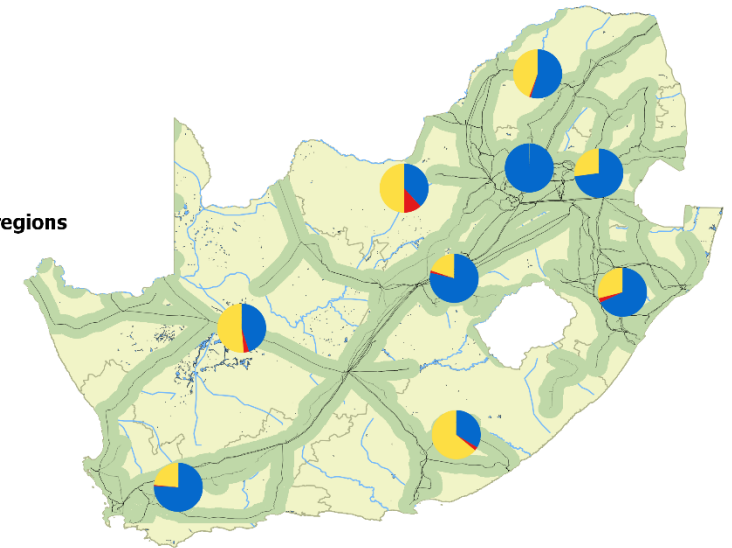
Electrification option

- Solar Home System
- Mini-Grid
- Grid Extension

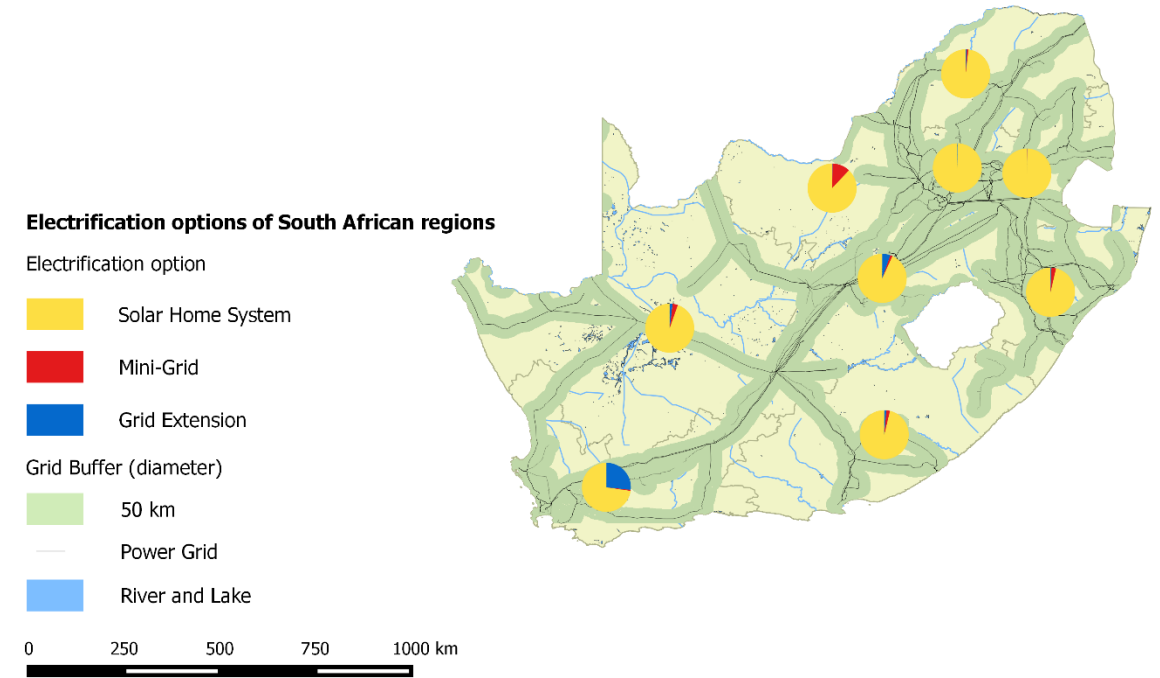
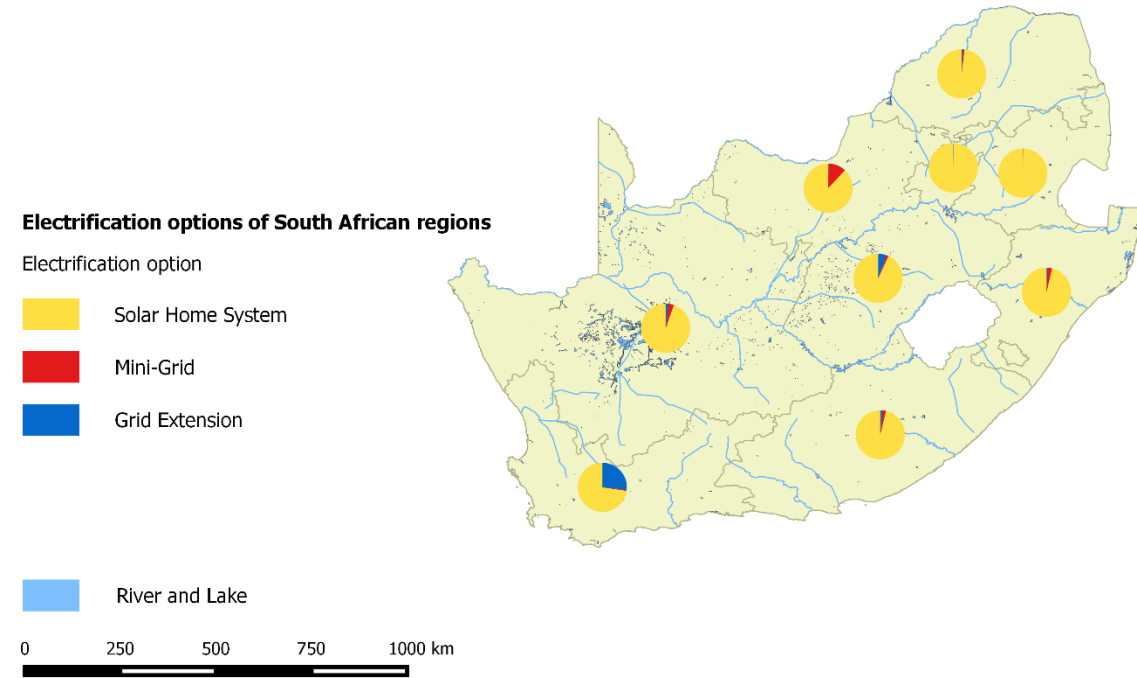
Grid Buffer (diameter)

- 50 km
- Power Grid
- River and Lake

0 250 500 750 1000 km



Electrification option in all South African regions: GridBuilt-SHSDom

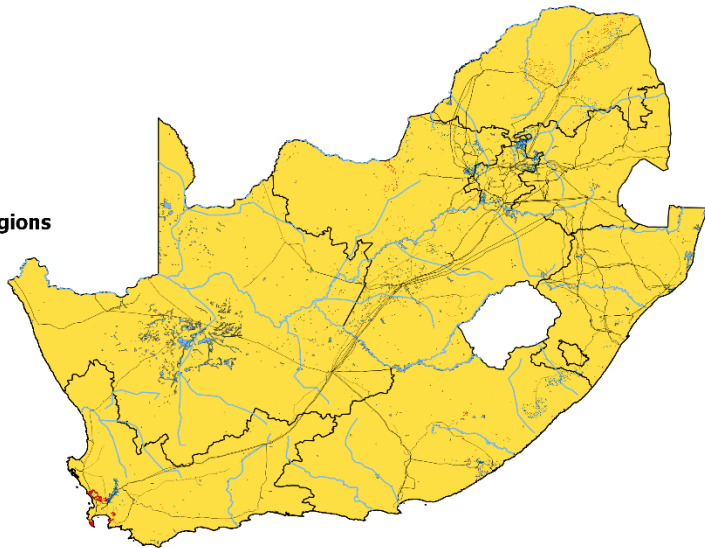
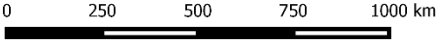


Electrification option: GridBuilt-SHSDom

Electrification options of South African regions

- Electrification option
- Solar Home System
 - Mini-Grid
 - Grid Extension

- Power Grid
- River and Lake

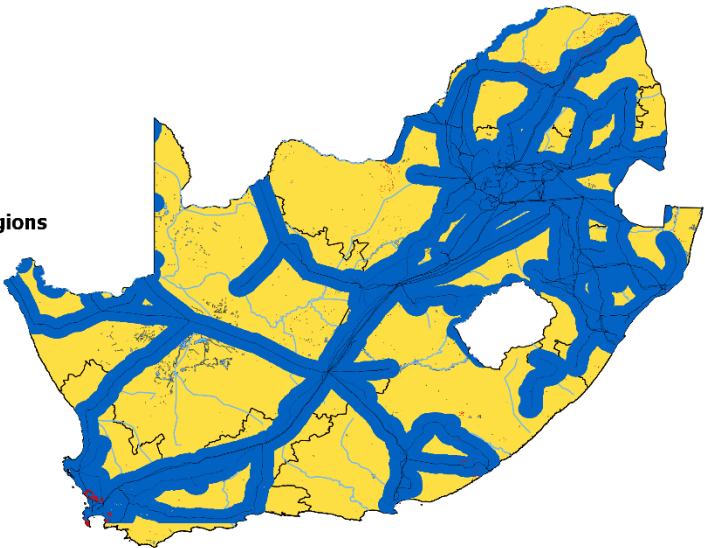
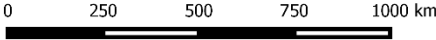


Electrification option: GridBuilt-GridDom

Electrification options of South African regions

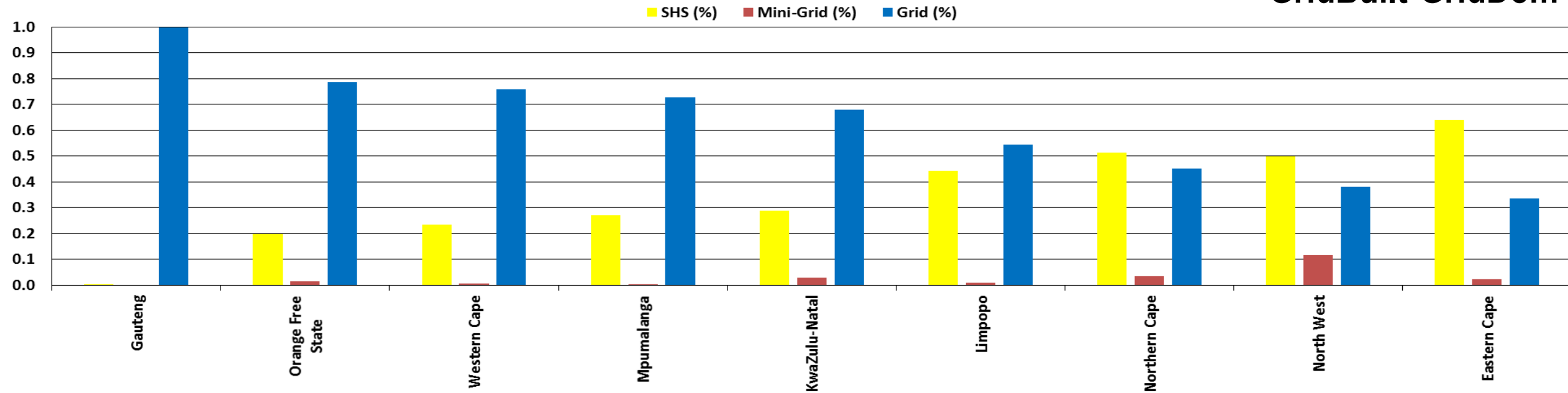
- Electrification option
- Solar Home System
 - Mini-Grid
 - Grid Extension

- Power Grid
- River and Lake



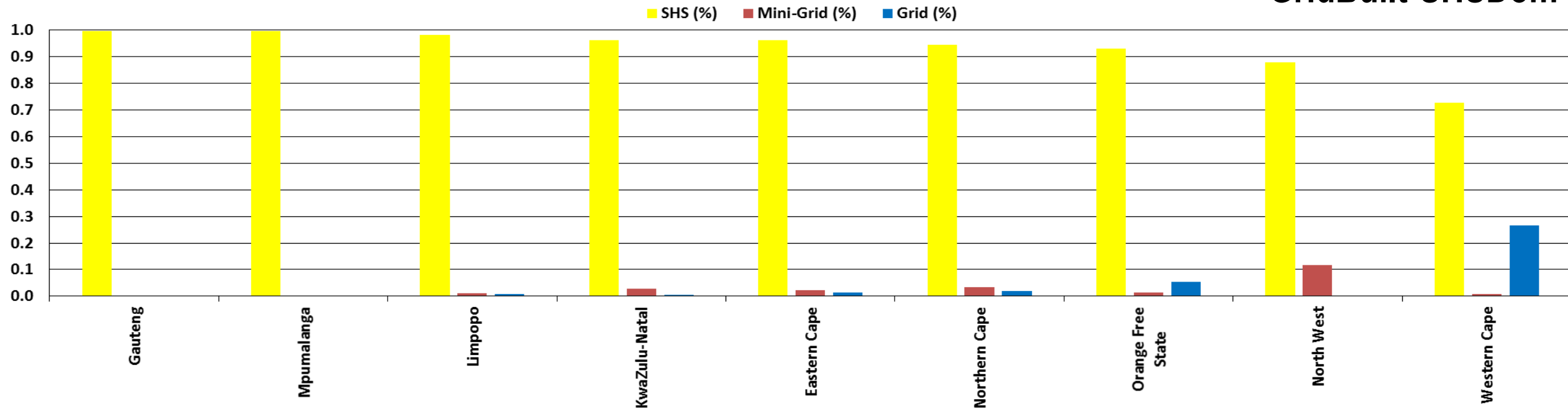
Share of electrification options in all South African regions

GridBuilt-GridDom

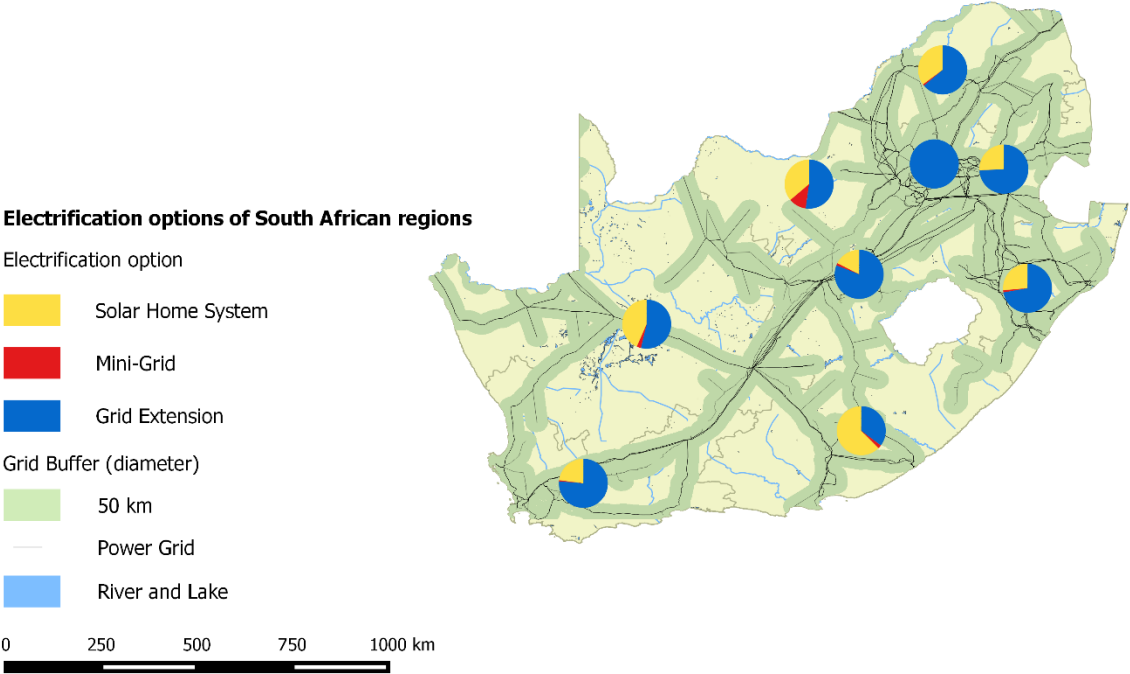
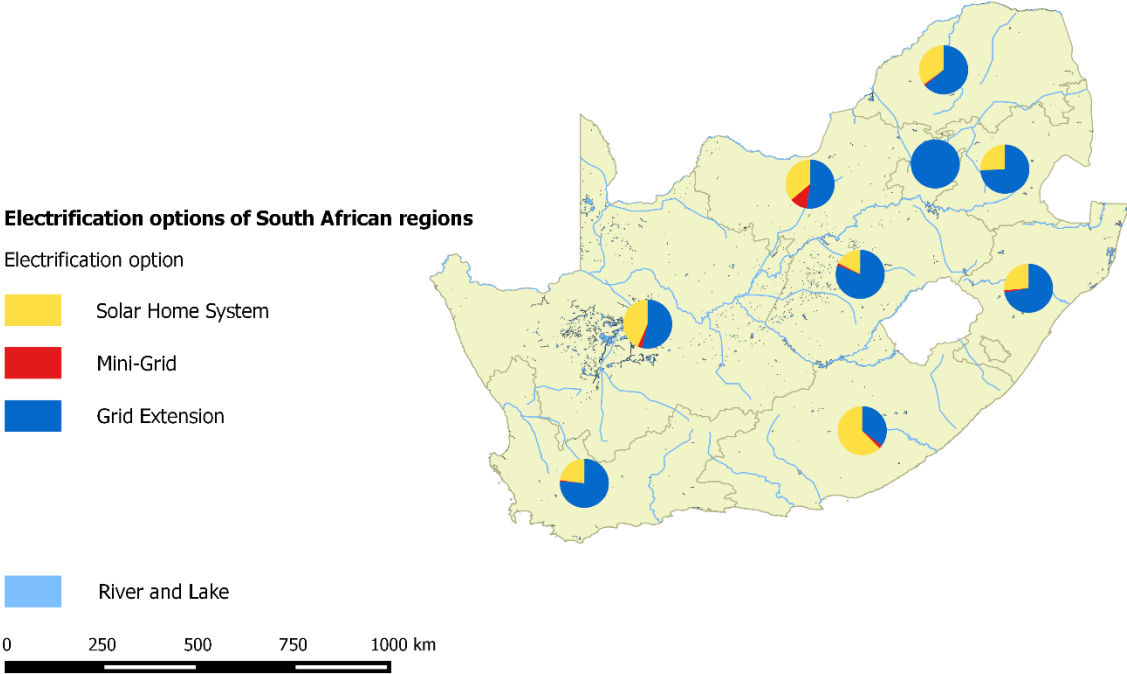


Share of electrification options in all South African regions

GridBuilt-SHSDom



Electrification option in all South African regions: GridPlanned-GridDom

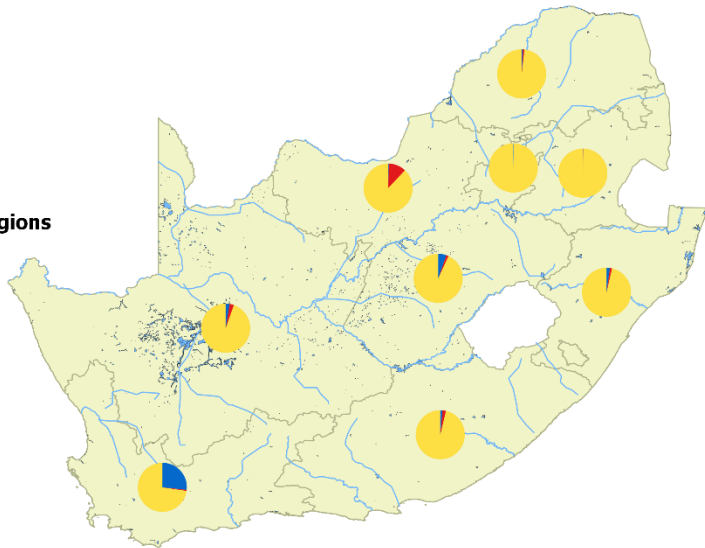
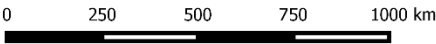


Electrification option in all South African regions: GridPlanned-SHSDom

Electrification options of South African regions

- Electrification option
- Solar Home System
 - Mini-Grid
 - Grid Extension

River and Lake

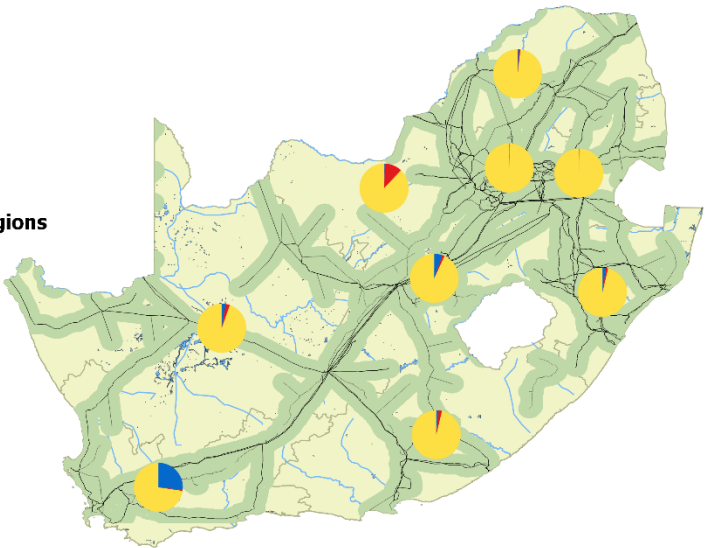
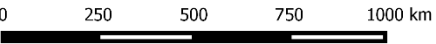


Electrification options of South African regions

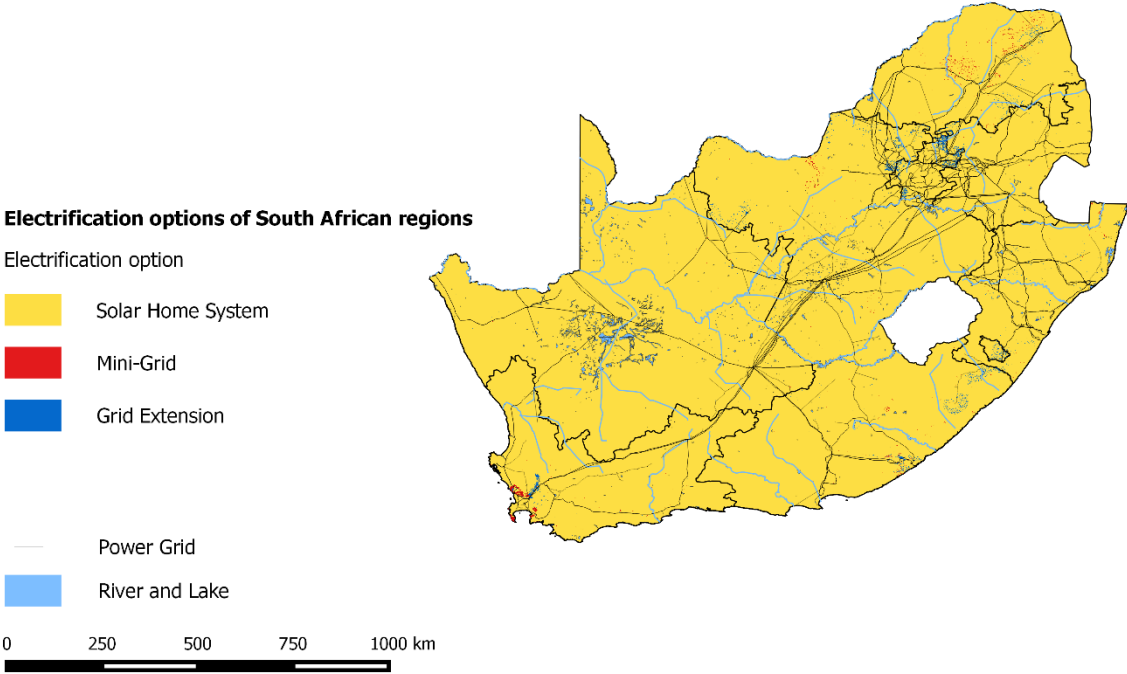
- Electrification option
- Solar Home System
 - Mini-Grid
 - Grid Extension

Grid Buffer (diameter)

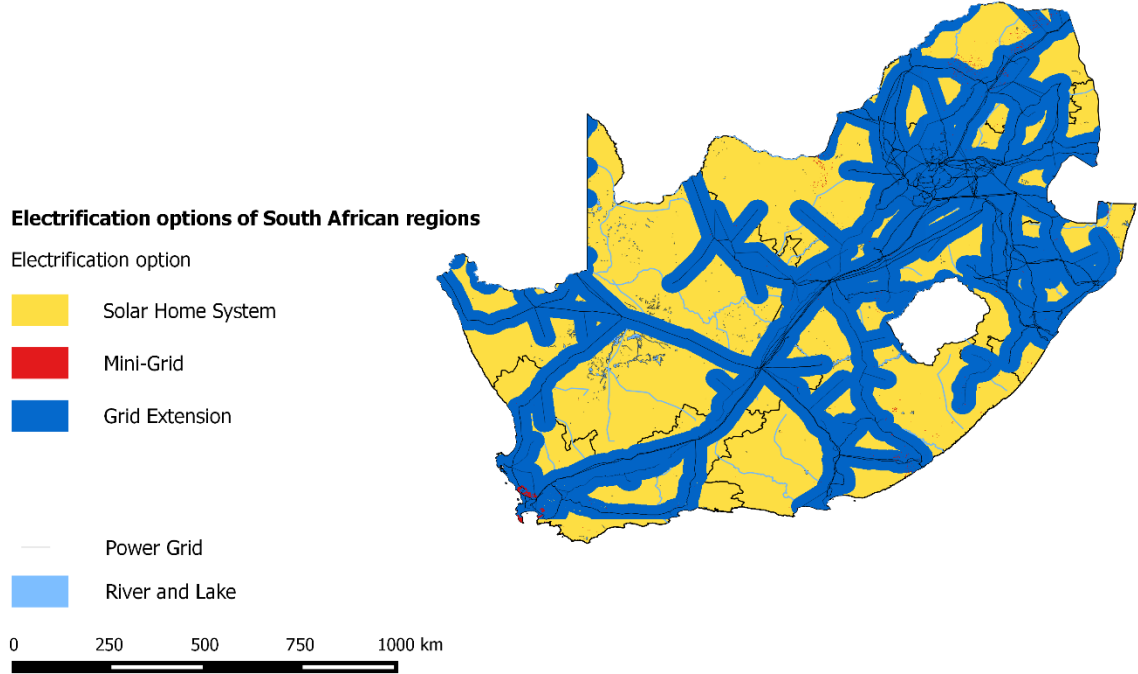
- 50 km
- Power Grid
- River and Lake



Electrification option: GridPlanned-SHSDom

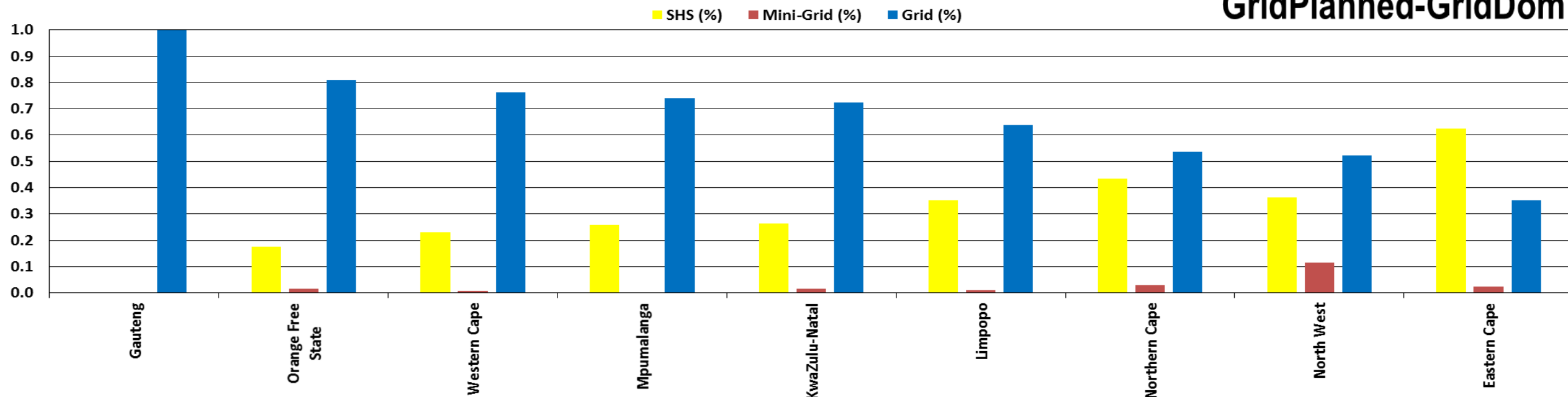


Electrification option: GridPlanned-GridDom



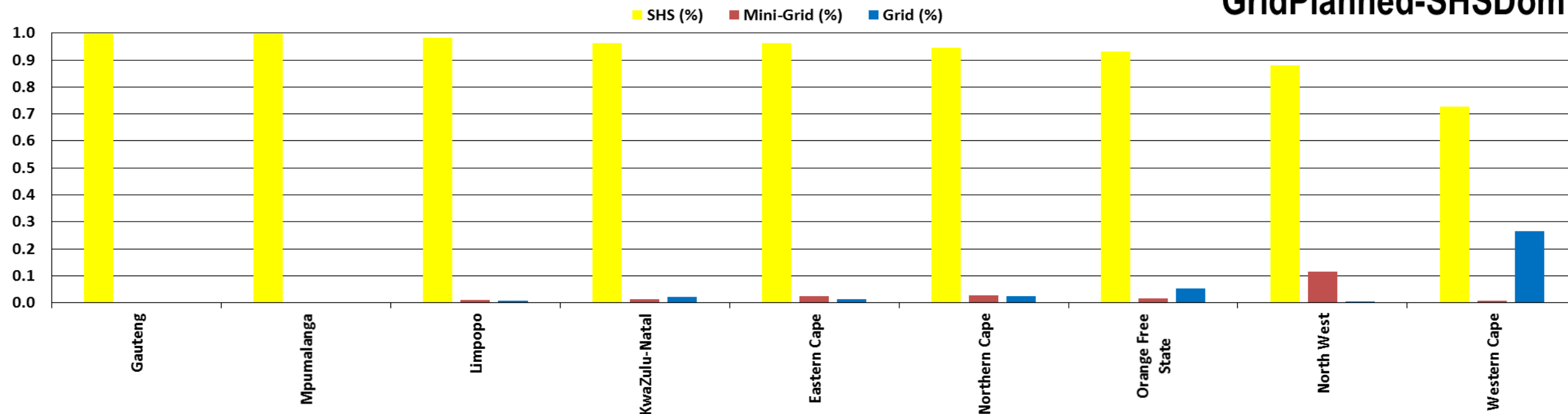
Share of electrification options in all South African regions

GridPlanned-GridDom



Share of electrification options in all South African regions

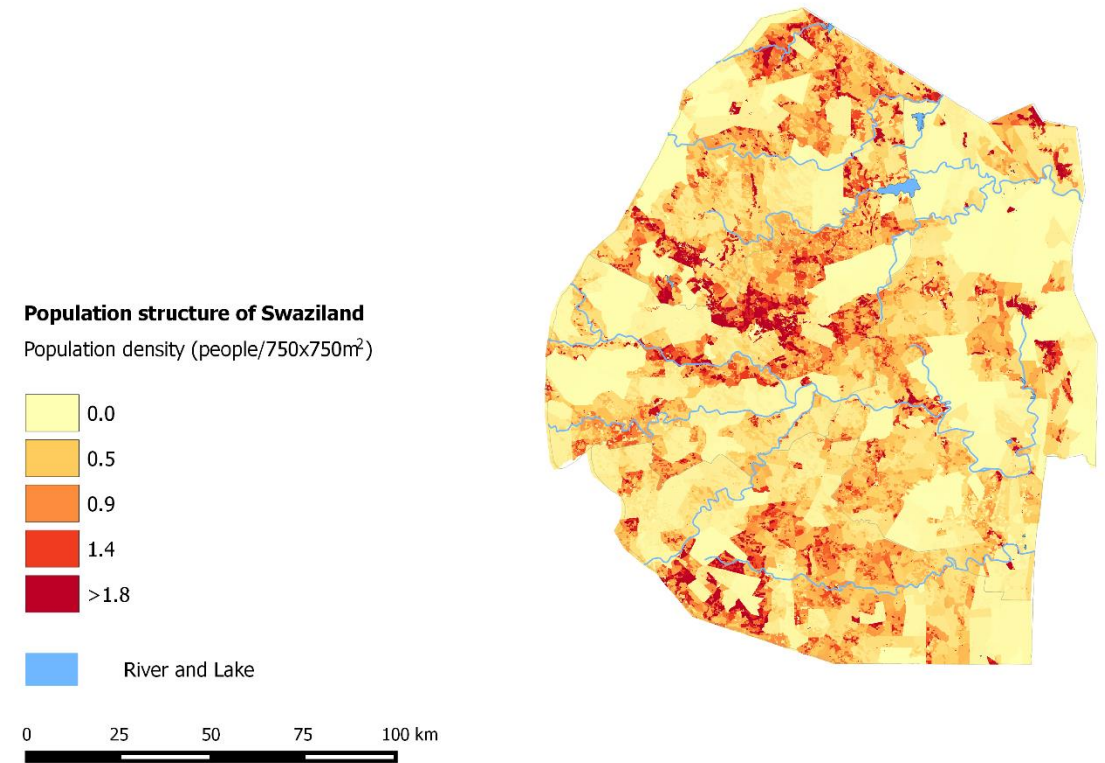
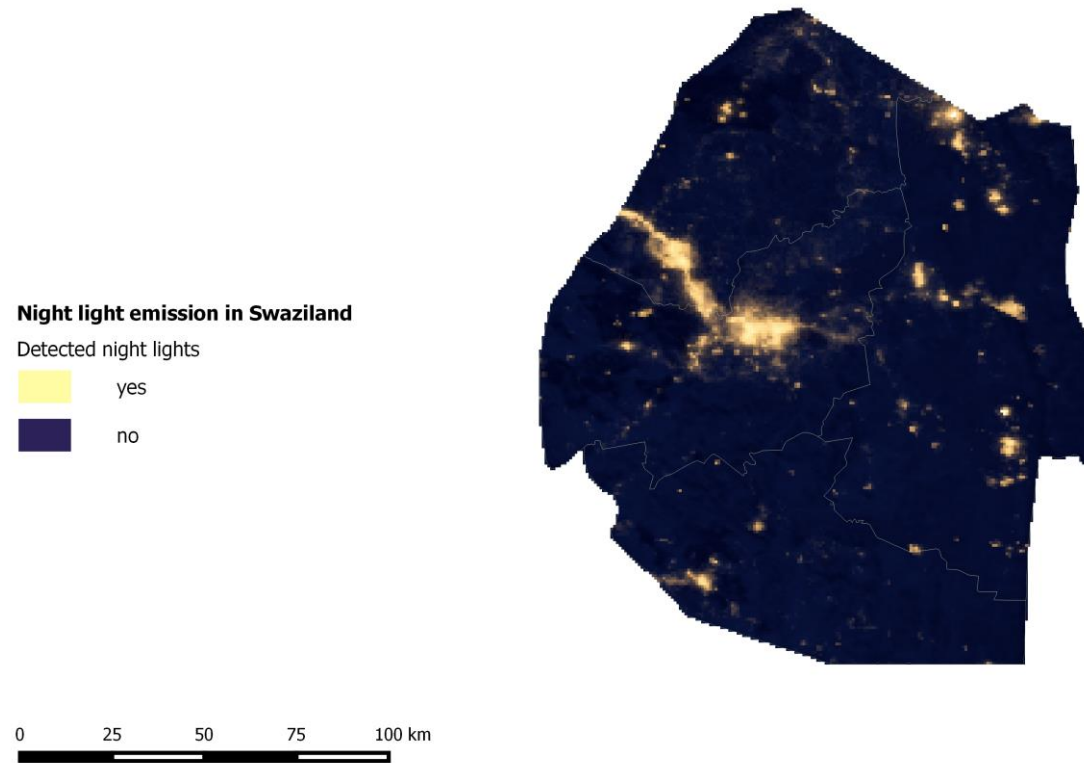
GridPlanned-SHSDom



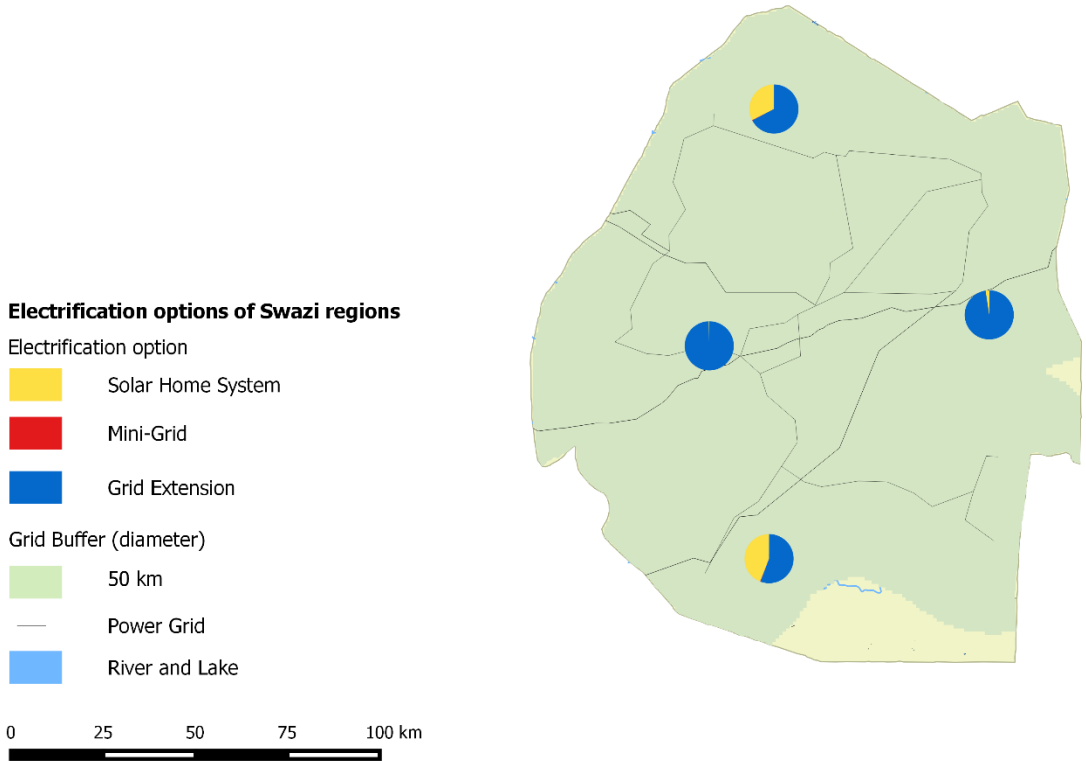
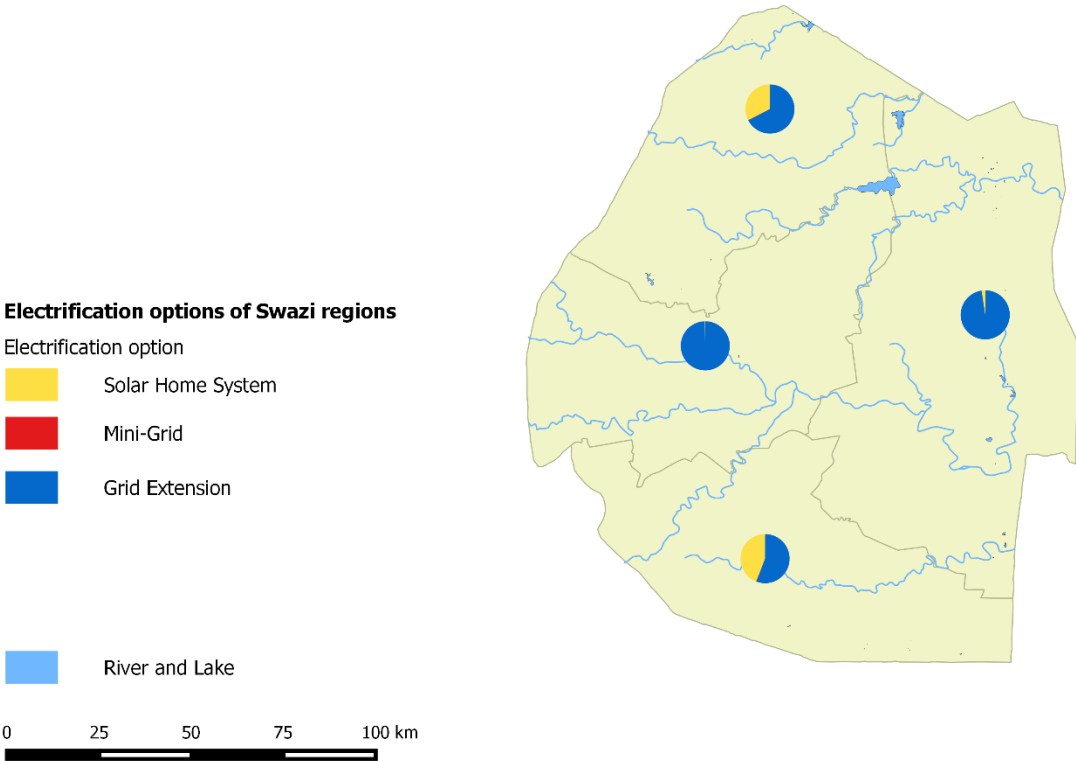
Swaziland



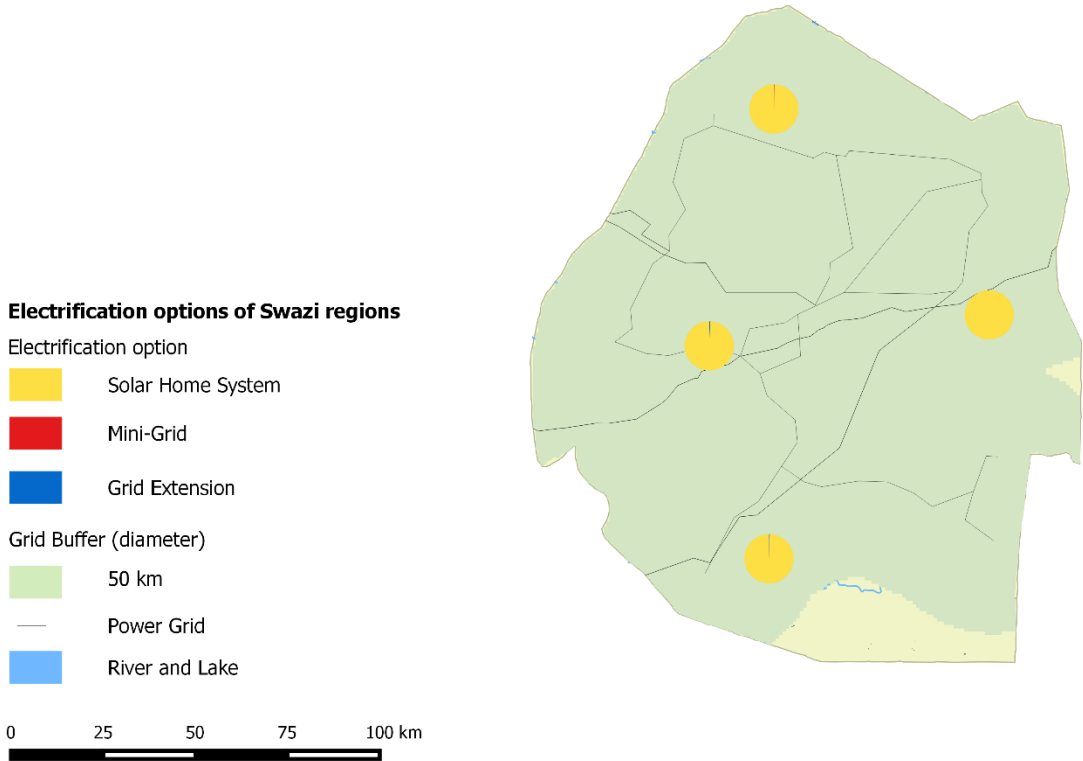
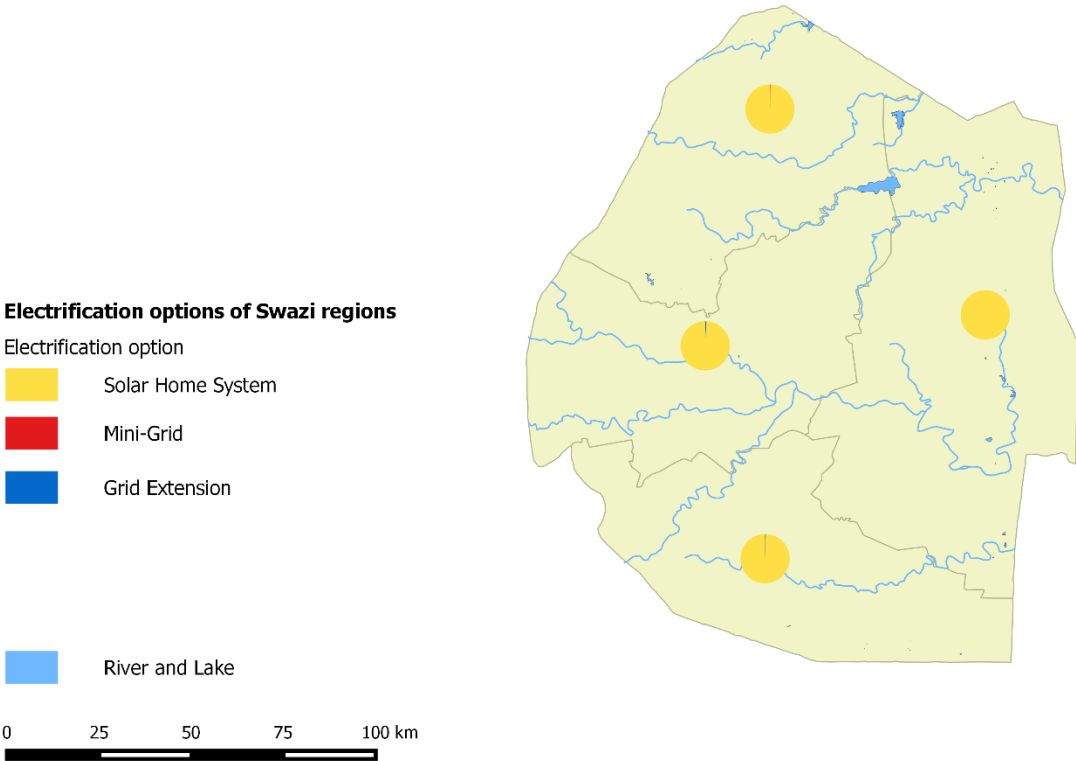
Night light emission and Population of Swazi regions



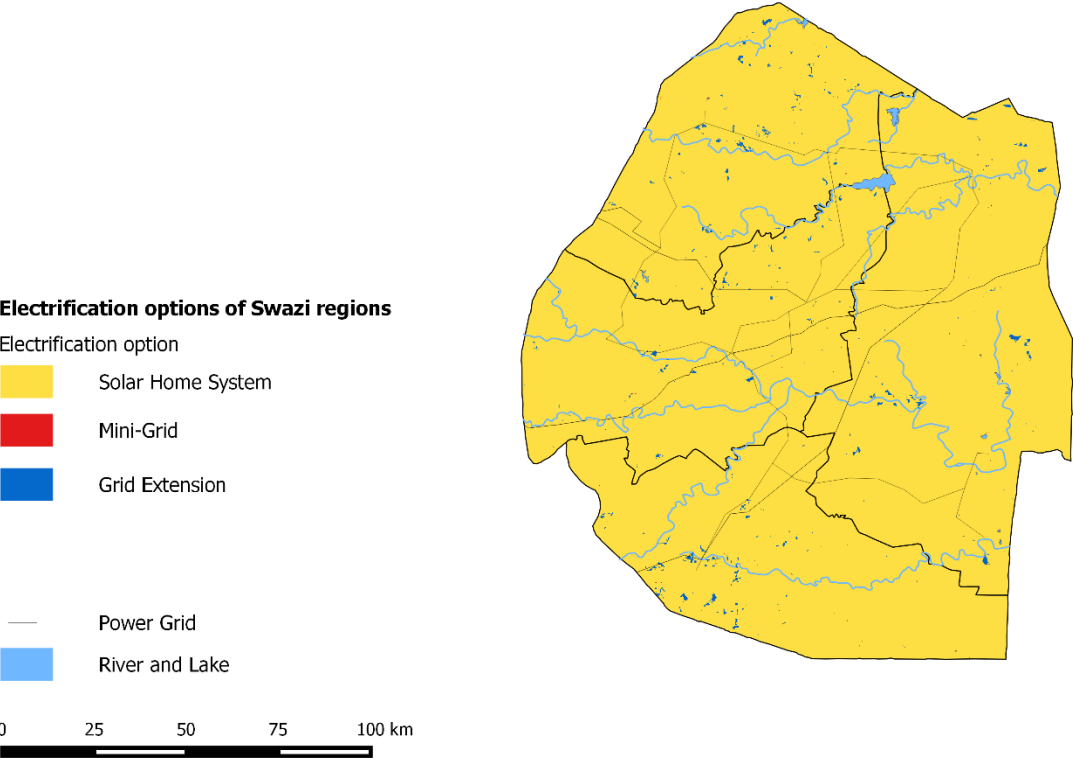
Electrification option in all Swazi regions: GridBuilt-GridDom



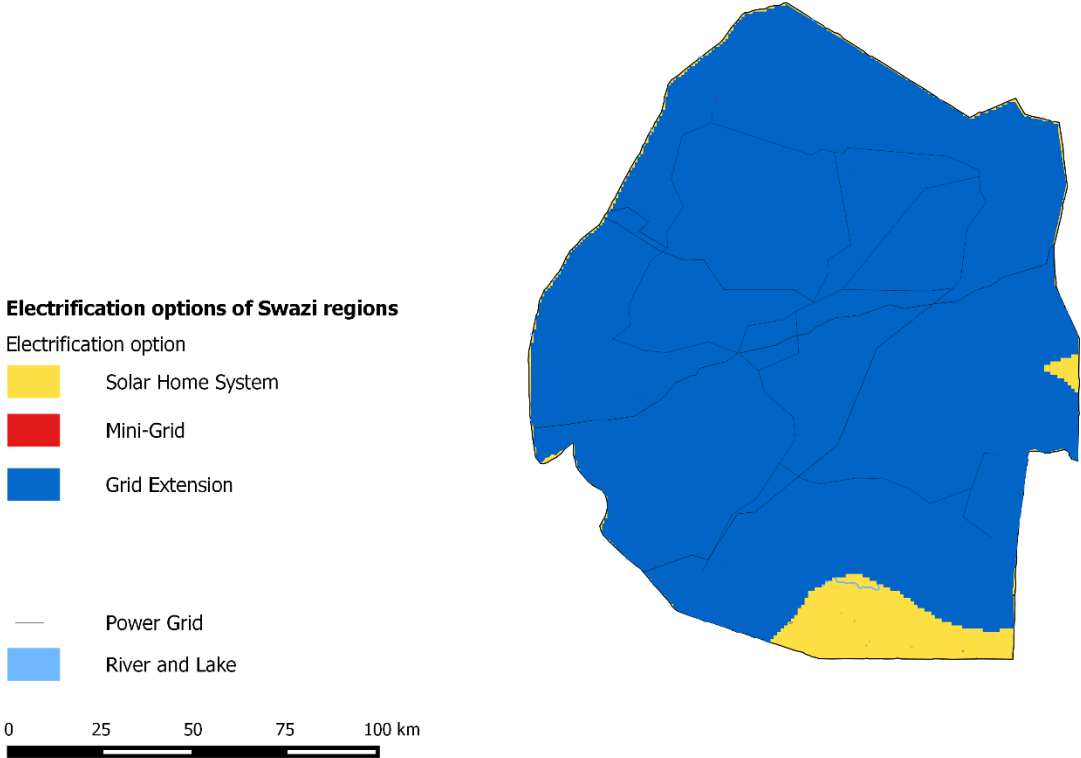
Electrification option in all Swazi regions: GridBuilt-SHSDom



Electrification option: GridBuilt-SHSDom

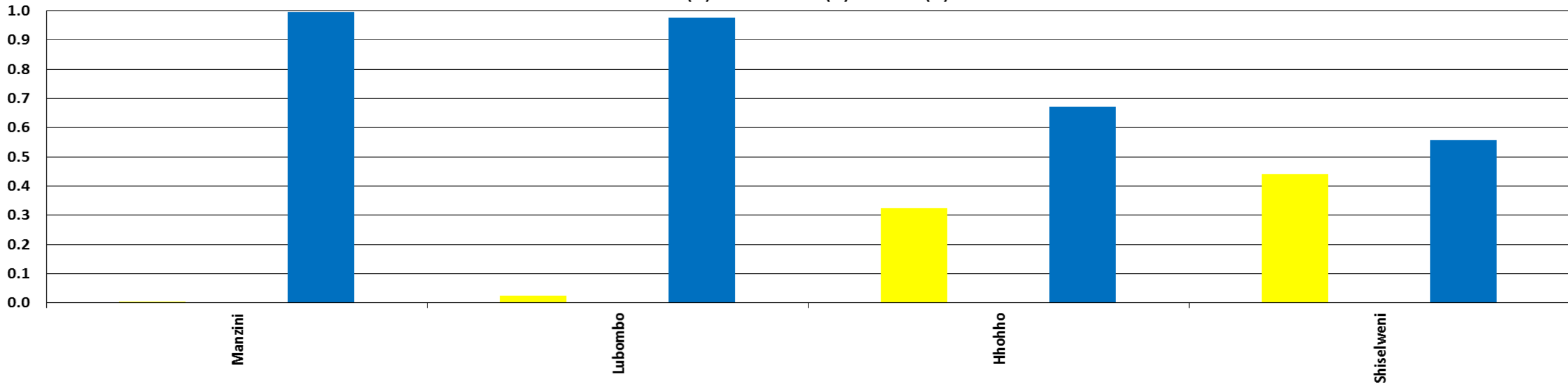


Electrification option: GridBuilt-GridDom



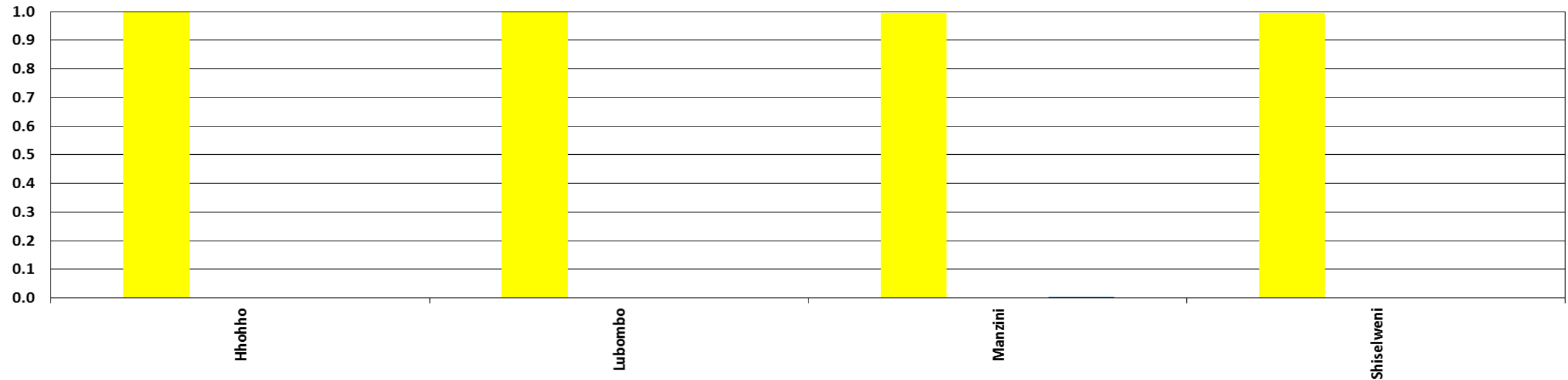
Share of electrification options in all Swazi regions

SHS (%) Mini-Grid (%) Grid (%)

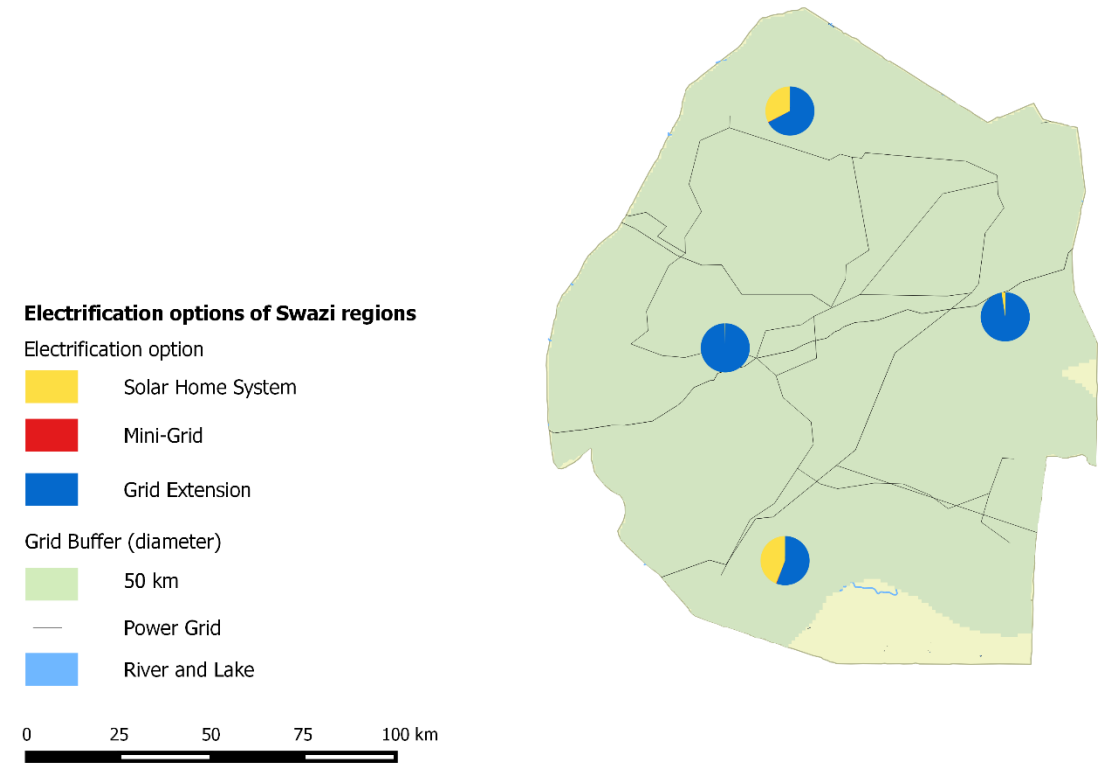
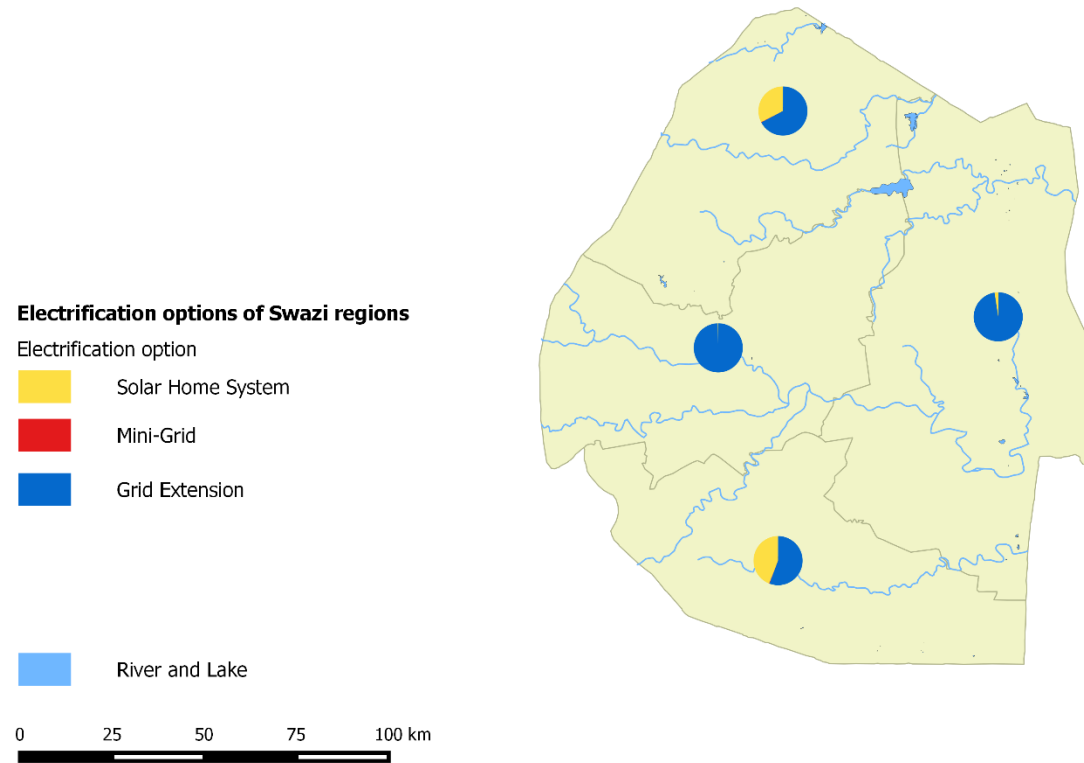


Share of electrification options in all Swazi regions

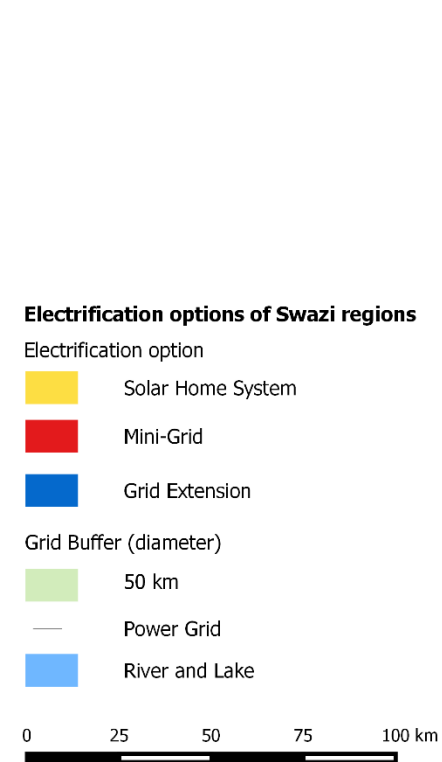
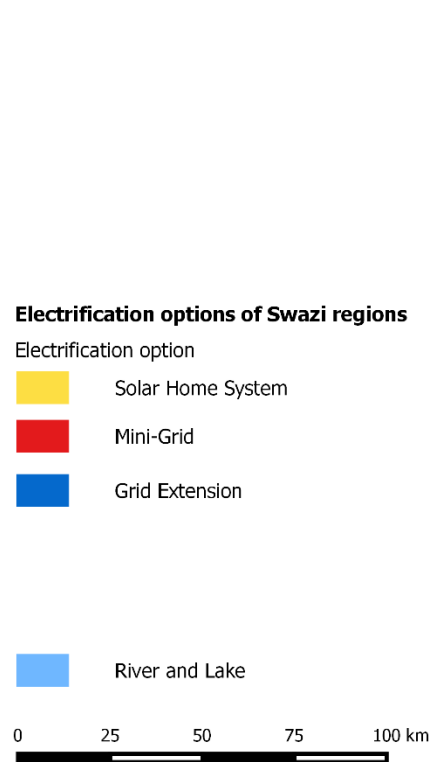
SHS (%) Mini-Grid (%) Grid (%)



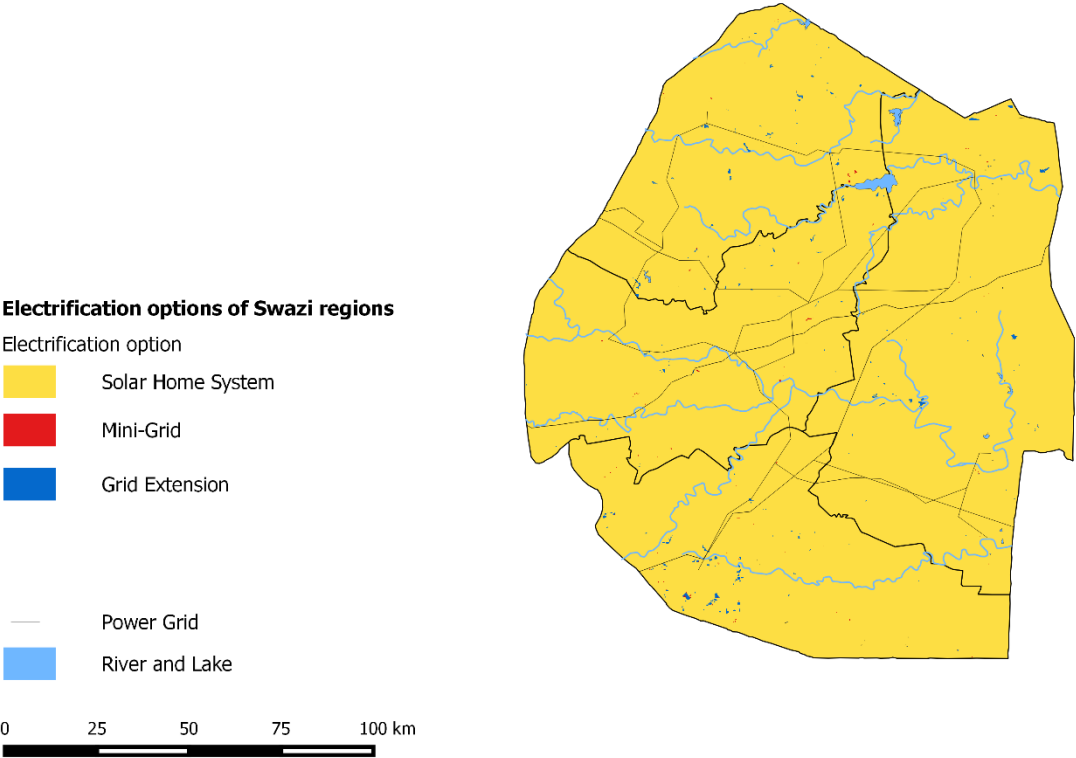
Electrification option in all Swazi regions: GridPlanned-GridDom



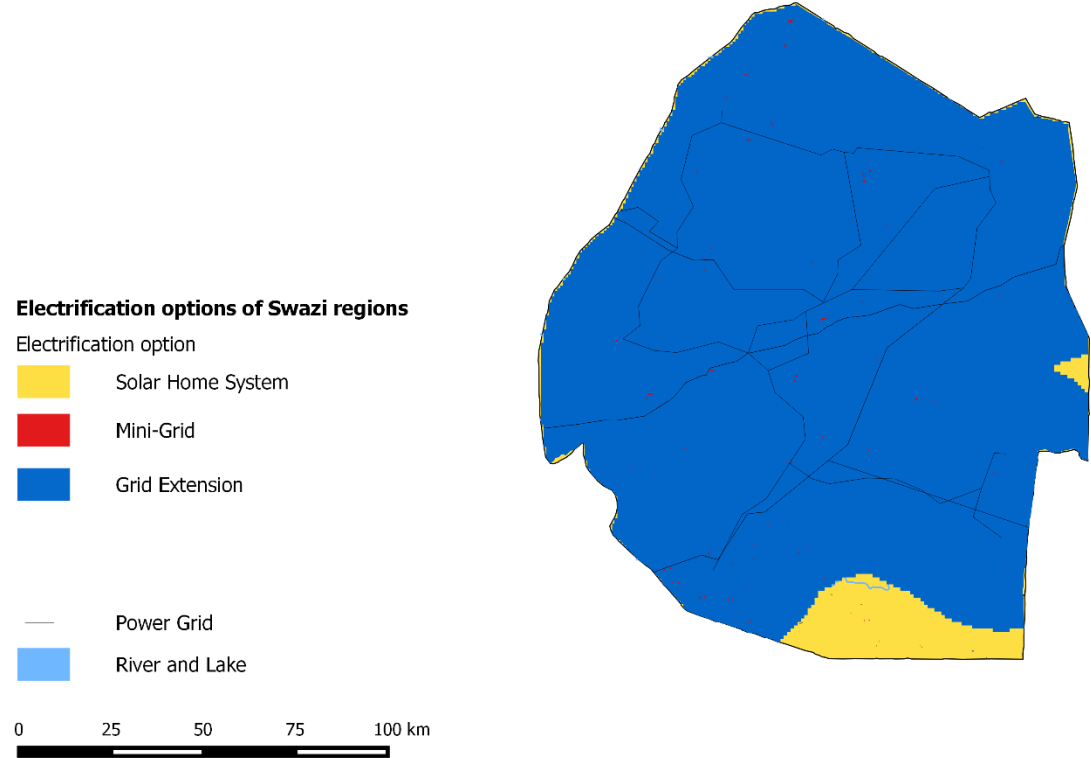
Electrification option in all Swazi regions: GridPlanned-SHSDom



Electrification option: GridPlanned-SHSDom

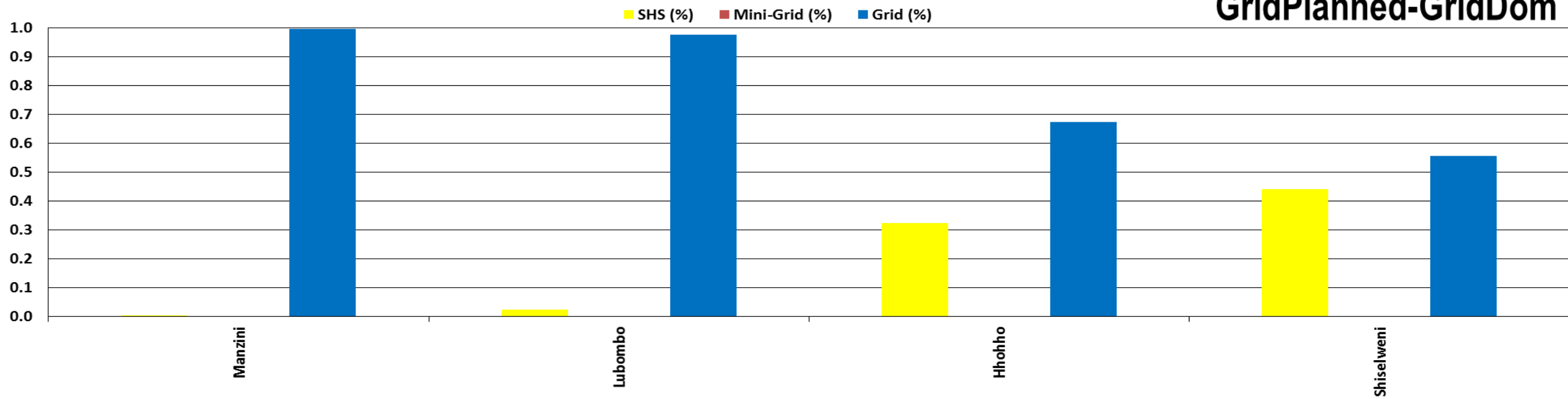


Electrification option: GridPlanned-GridDom



Share of electrification options in all Swazi regions

GridPlanned-GridDom



Share of electrification options in all Swazi regions

GridPlanned-SHSDom

