

East Africa



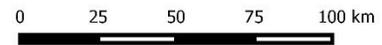
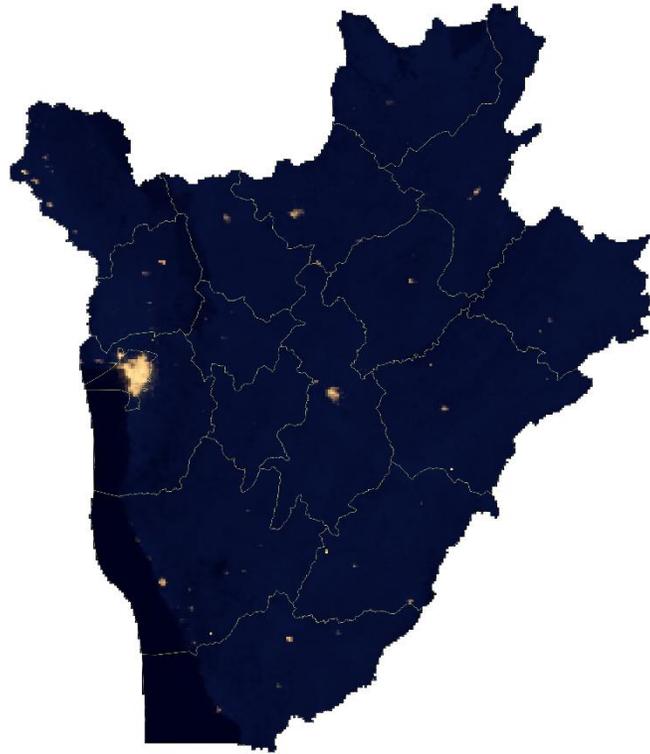
Burundi



Night light emission and Population of Burundian regions

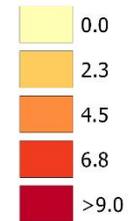
Night light emission in Burundi

Detected night lights

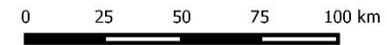
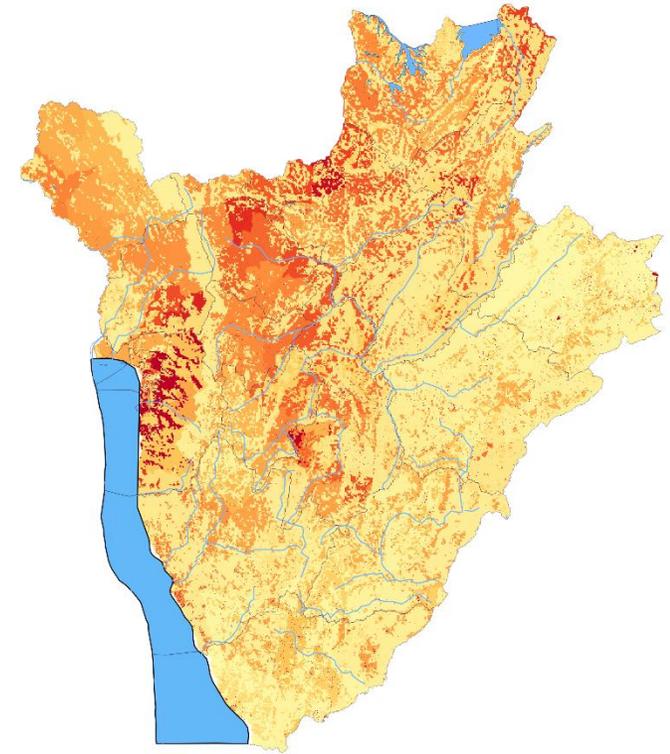


Population structure of Burundi

Population density (people/750x750m²)



River and Lake (represented by a blue square)



Electrification option in all Burundian regions: GridBuilt-GridDom

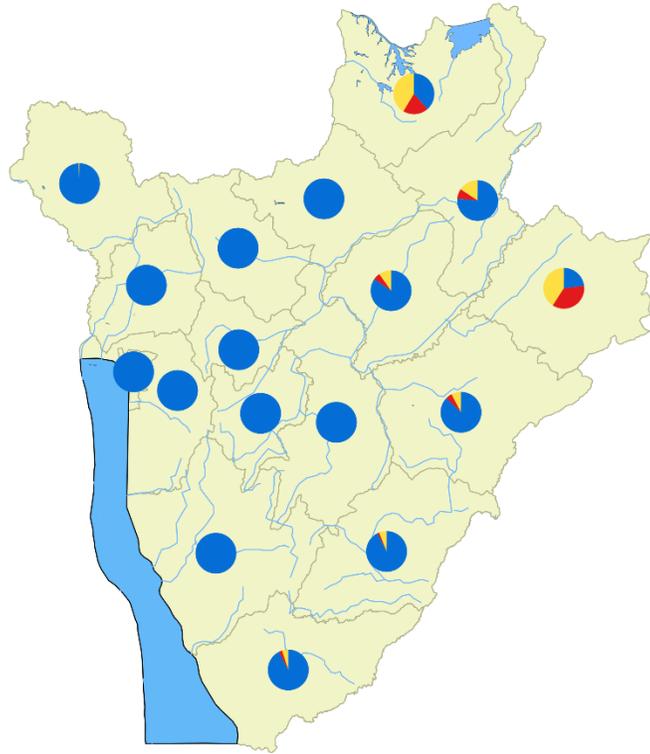
Electrification options of Burundian regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 25 50 75 100 km



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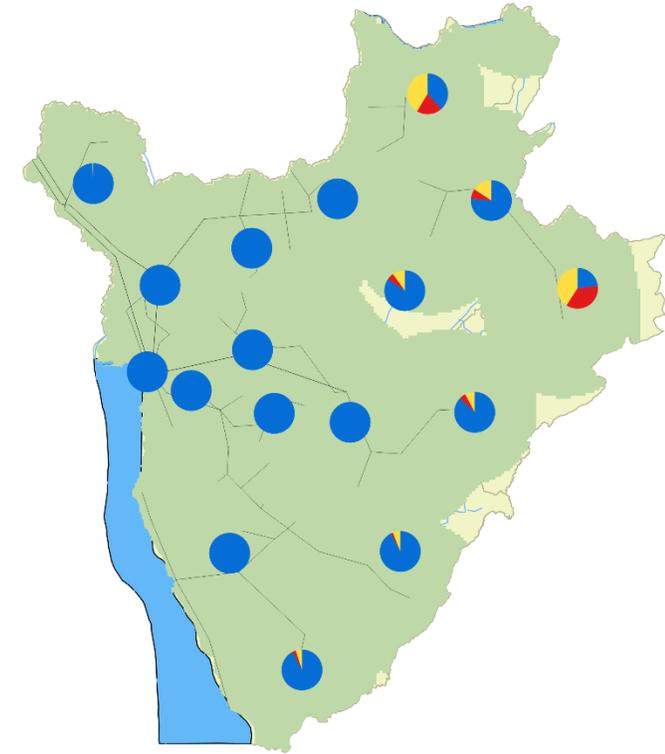
Grid Buffer (diameter)

 50 km

 Power Grid

 River and Lake

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Electrification option in all Burundian regions: GridBuilt-SHSDom

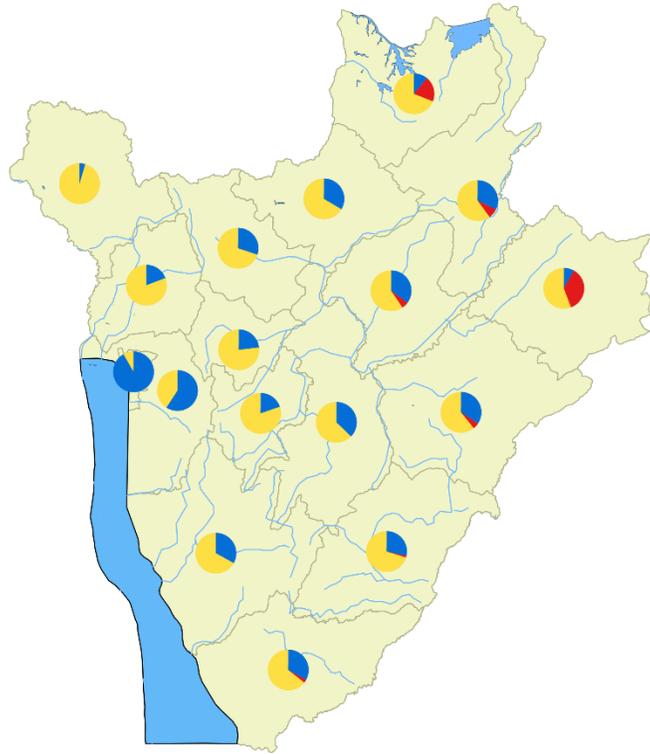
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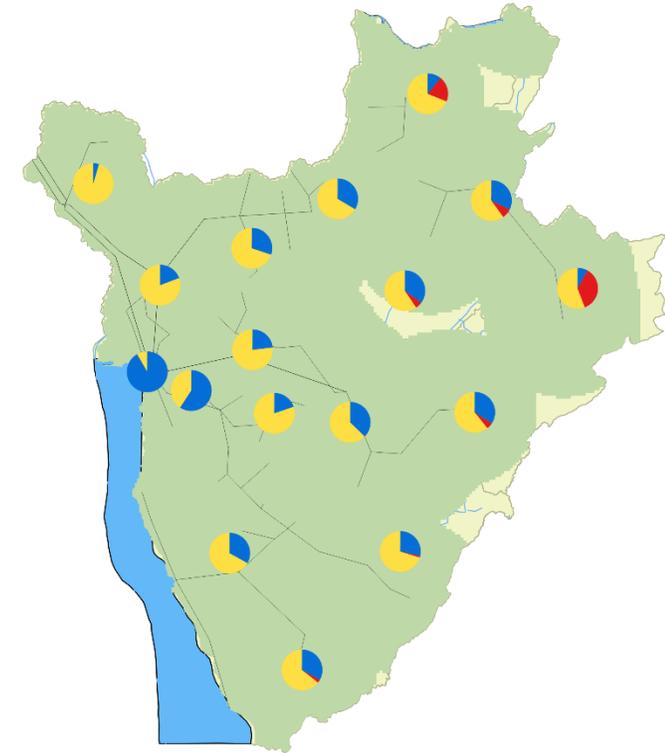
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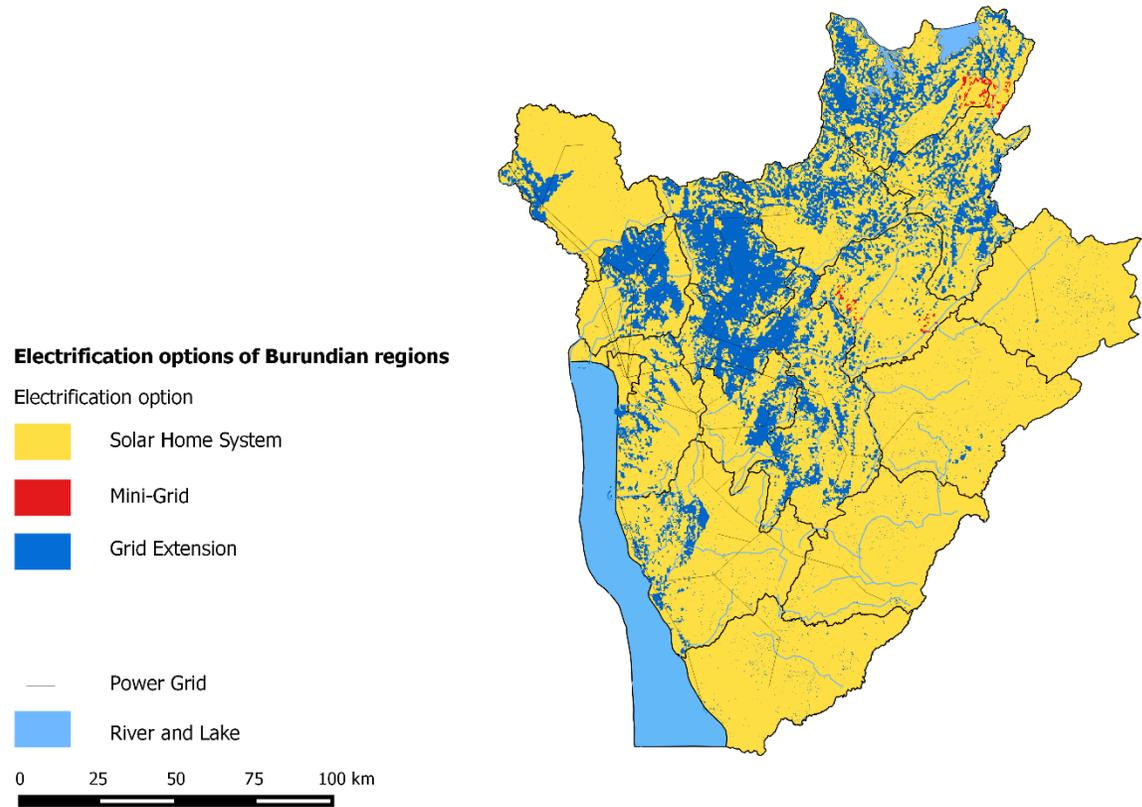
 Power Grid

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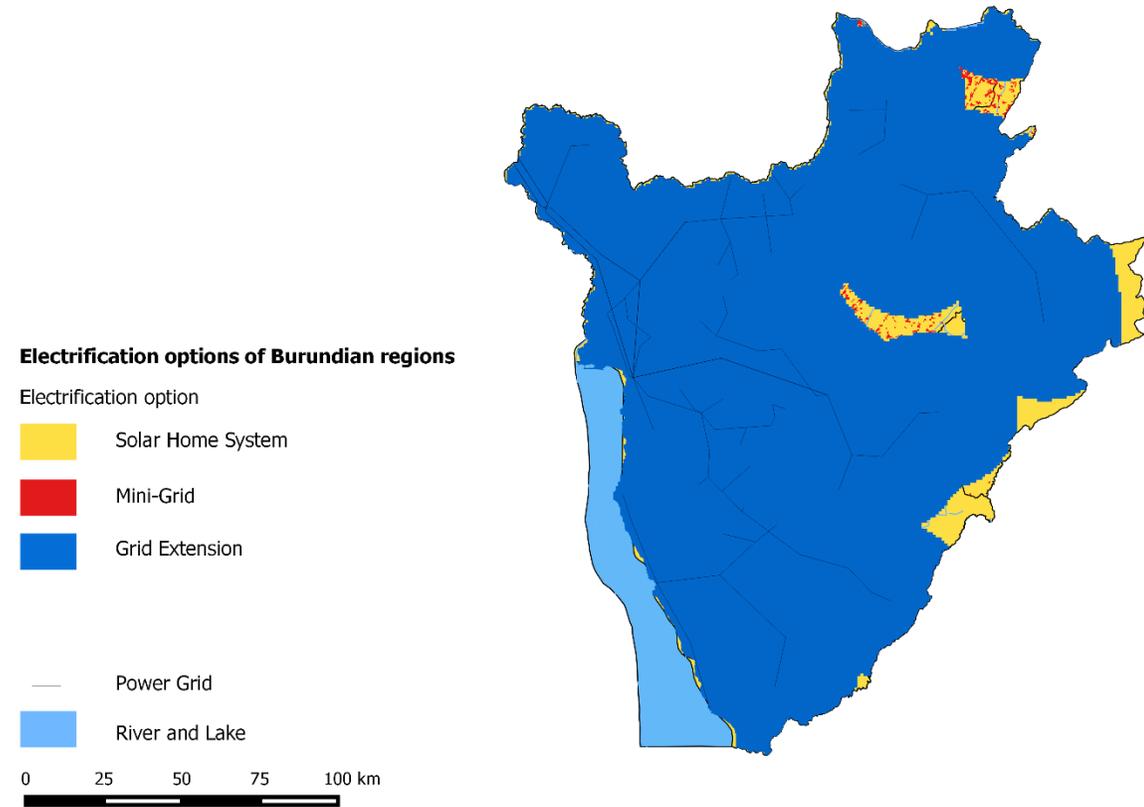
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Electrification option: GridBuilt-SHSDom



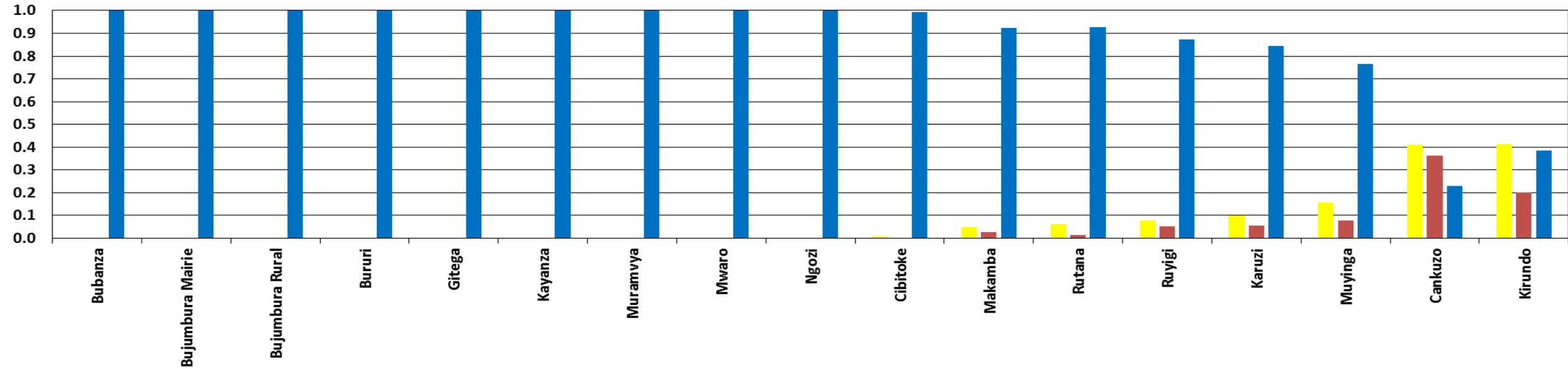
Electrification option: GridBuilt-GridDom



Share of electrification options in all Burundian regions

GridBuilt-GridDom

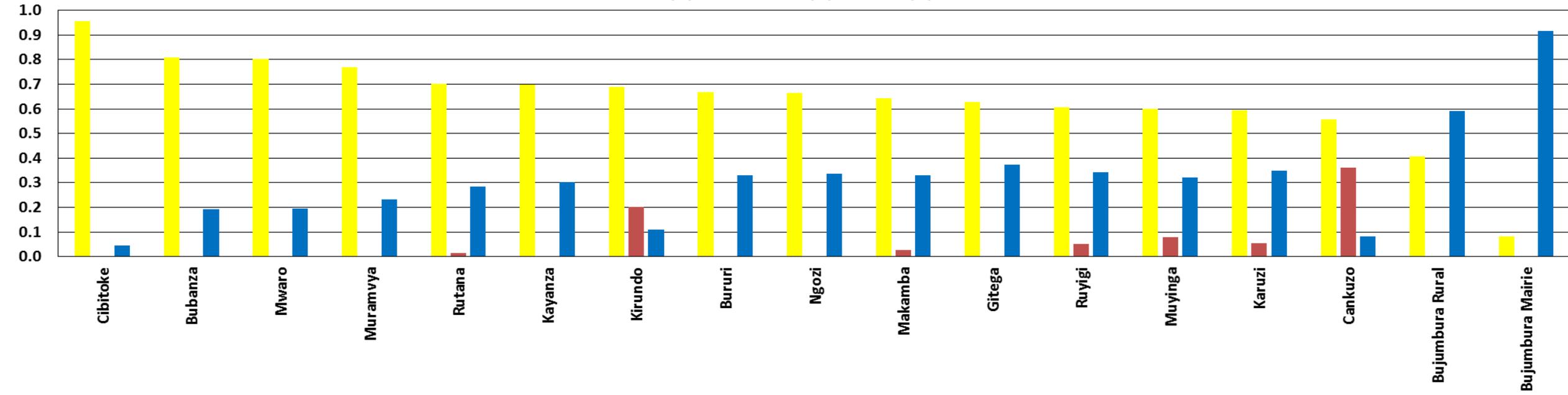
SHS (%) Mini-Grid (%) Grid (%)



Share of electrification options in all Burundian regions

GridBuilt-SHSDom

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Electrification option in all Burundian regions: GridPlanned-GridDom

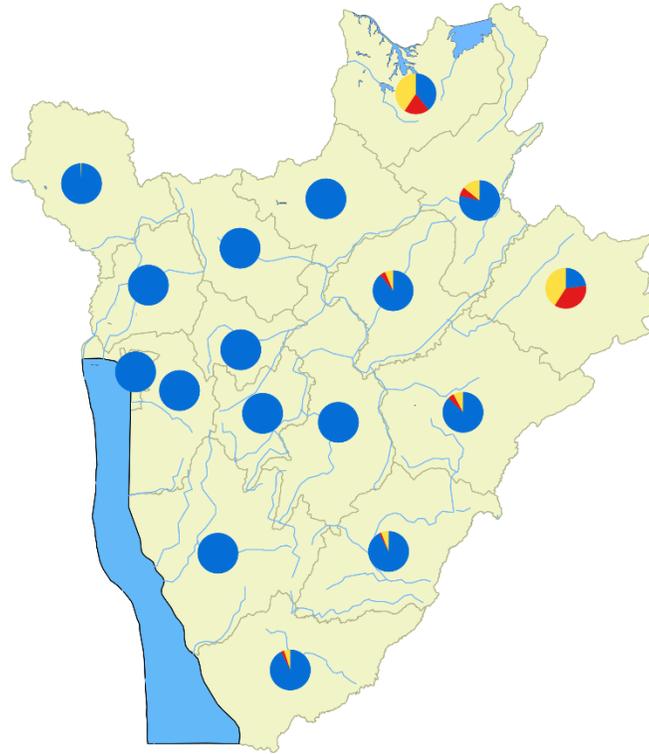
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Electrification options of Burundian regions

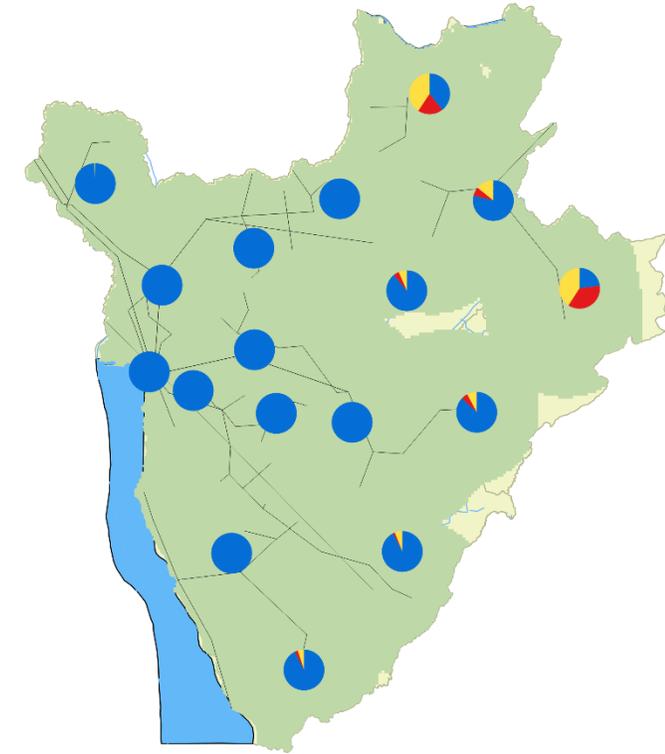
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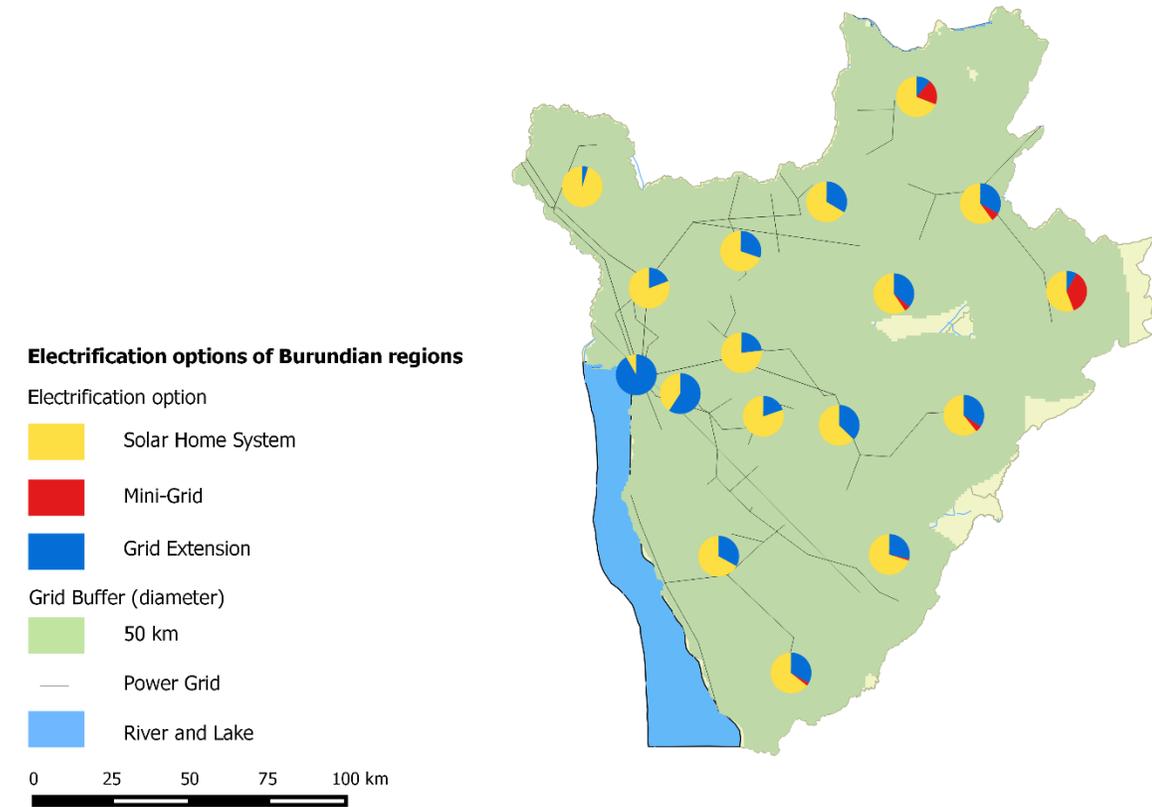
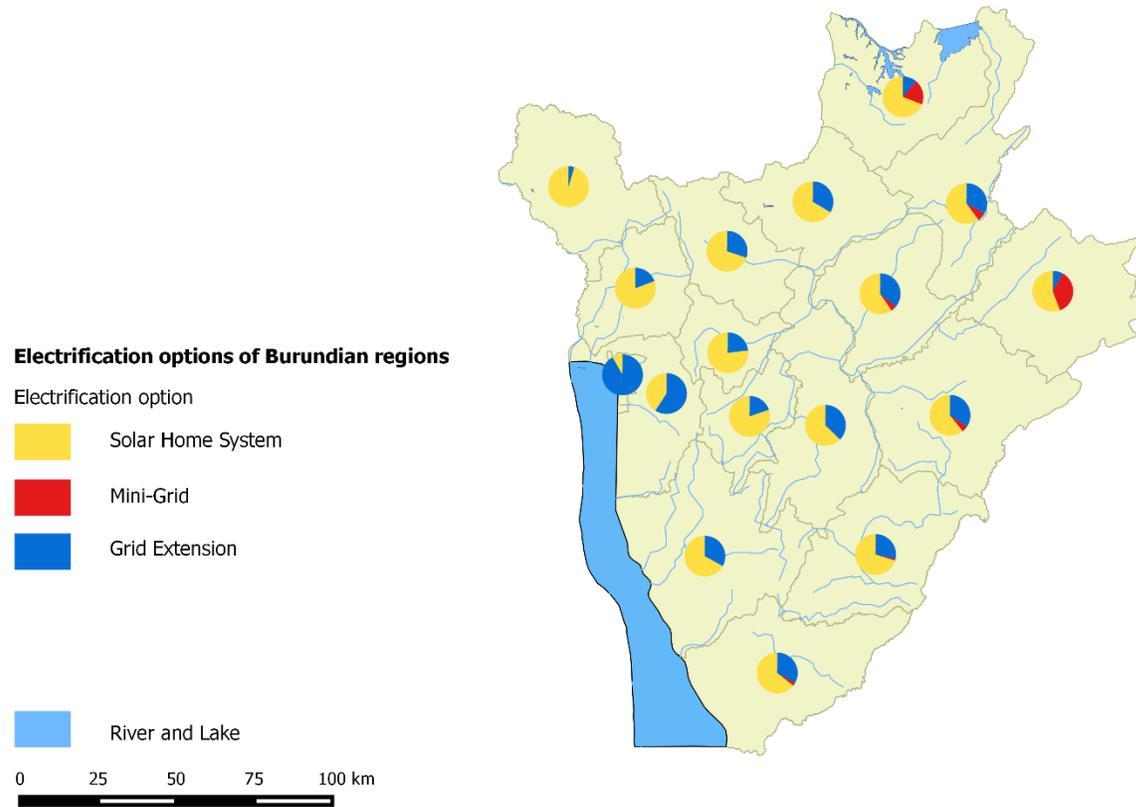
Grid Buffer (diameter)

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-  Power Grid
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Electrification option in all Burundian regions: GridPlanned-SHSDom



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Electrification options of Burundian regions

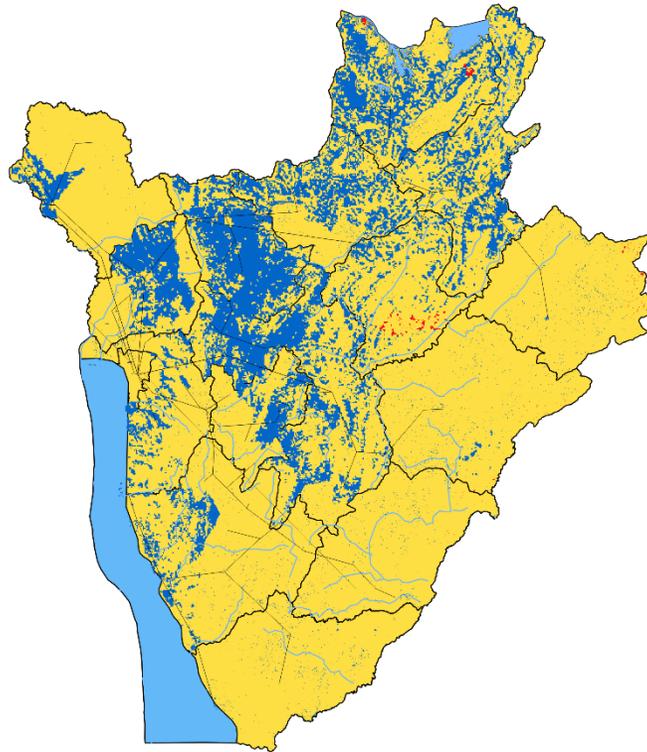
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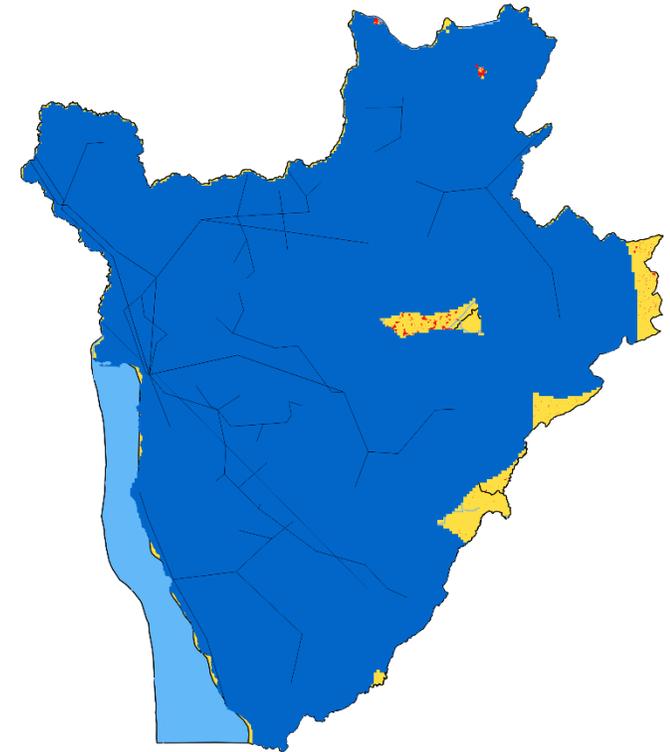
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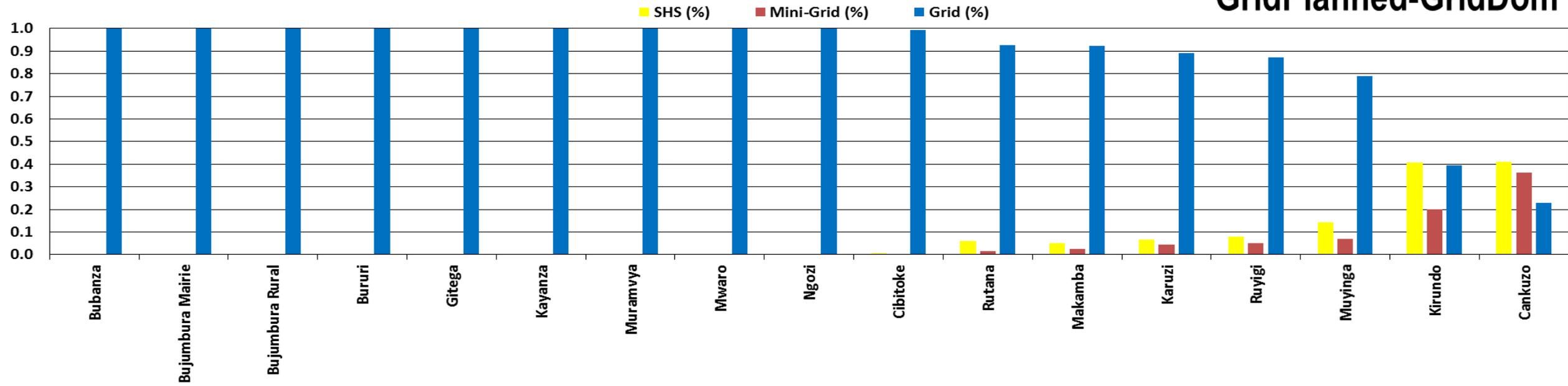
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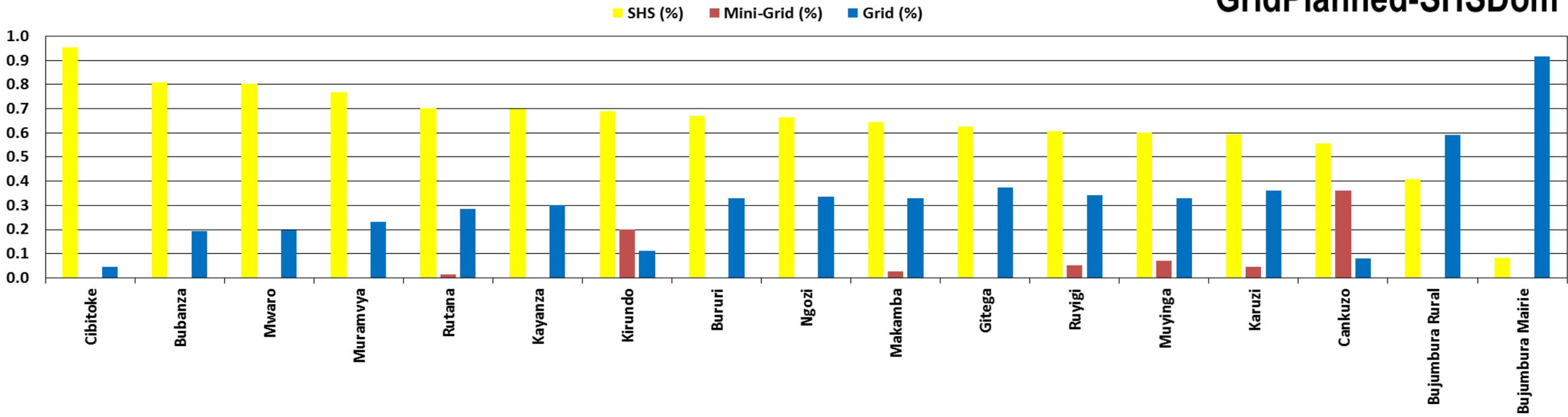
Share of electrification options in all Burundian regions

GridPlanned-GridDom



Share of electrification options in all Burundian regions

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Djibouti



Night light emission and Population of Djiboutian regions

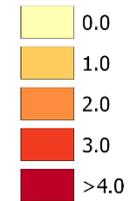
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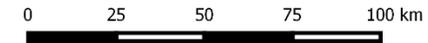
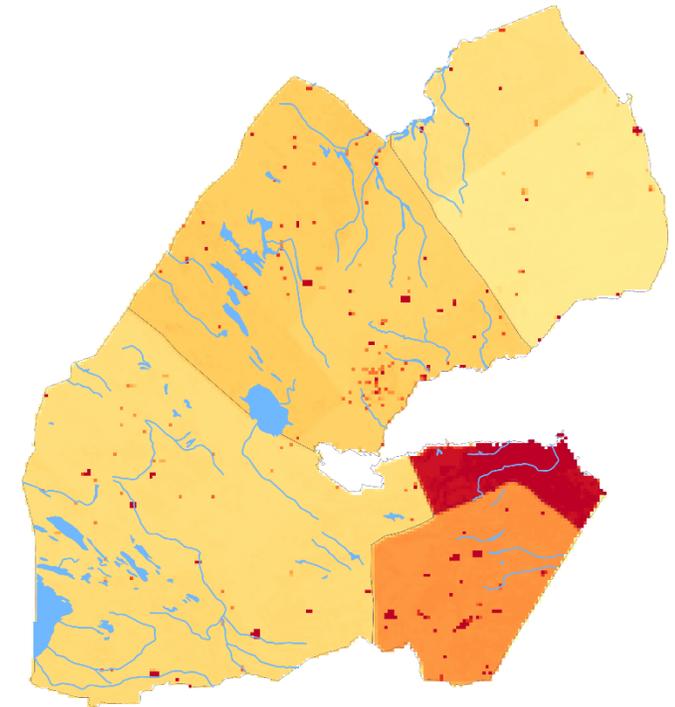


Population structure of Djibouti

Population density (people/750x750m²)



River and Lake



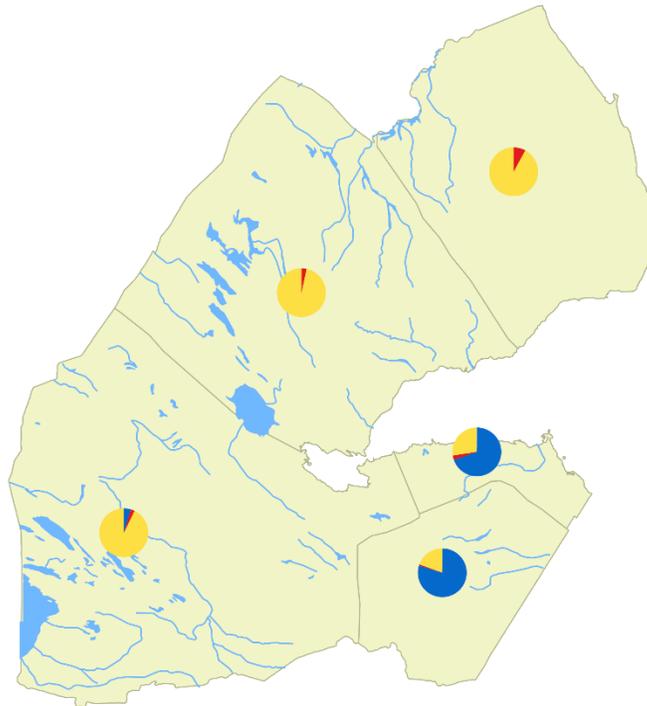
Electrification option in all Djiboutian regions: GridBuilt-GridDom

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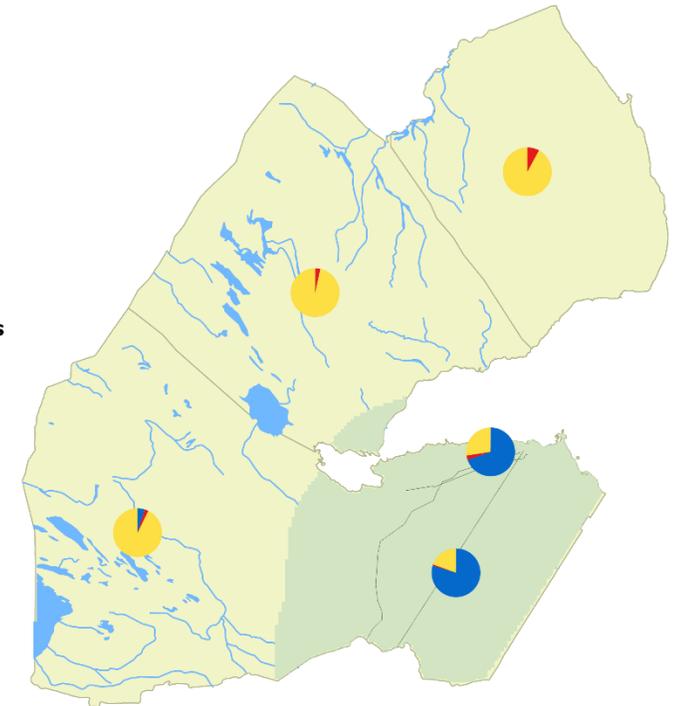
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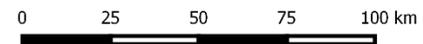
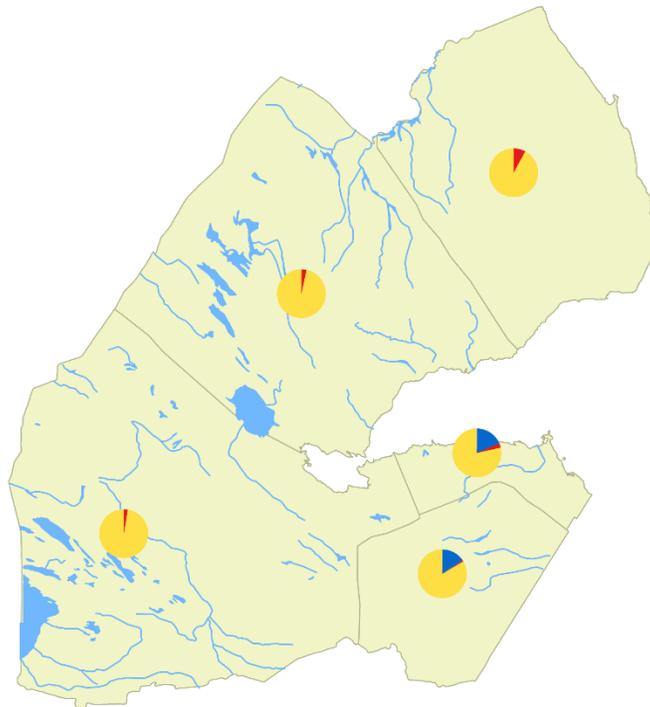
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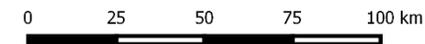
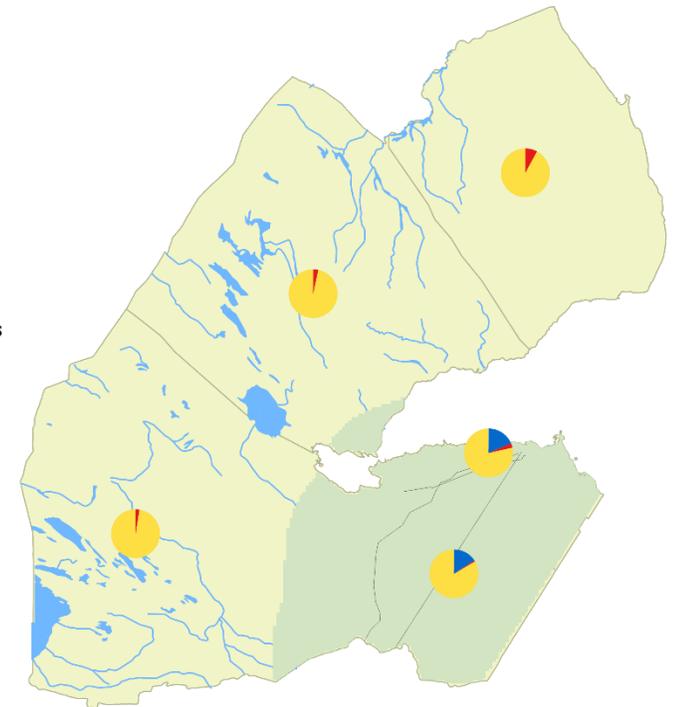
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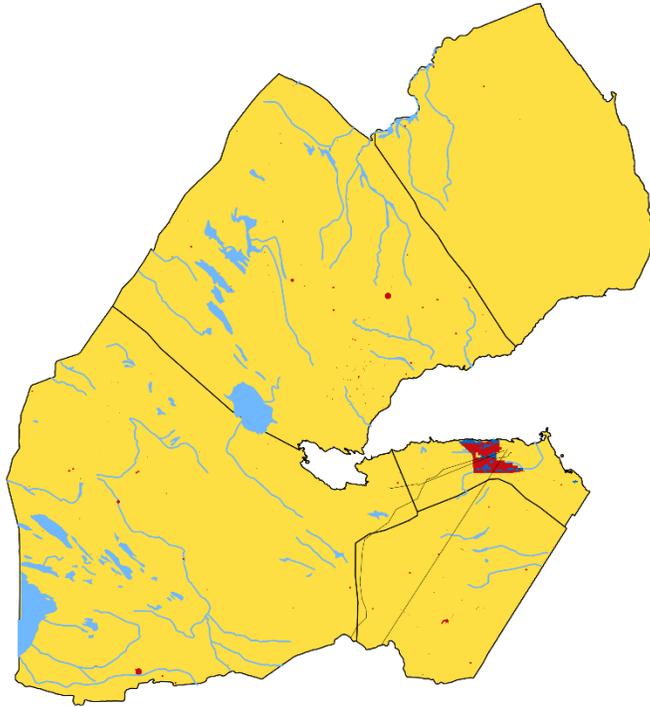
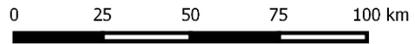
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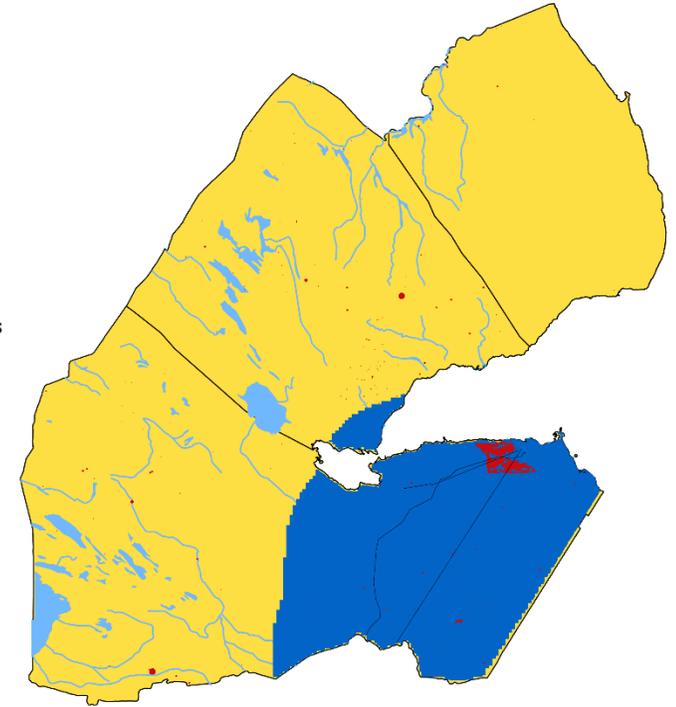
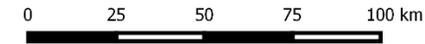
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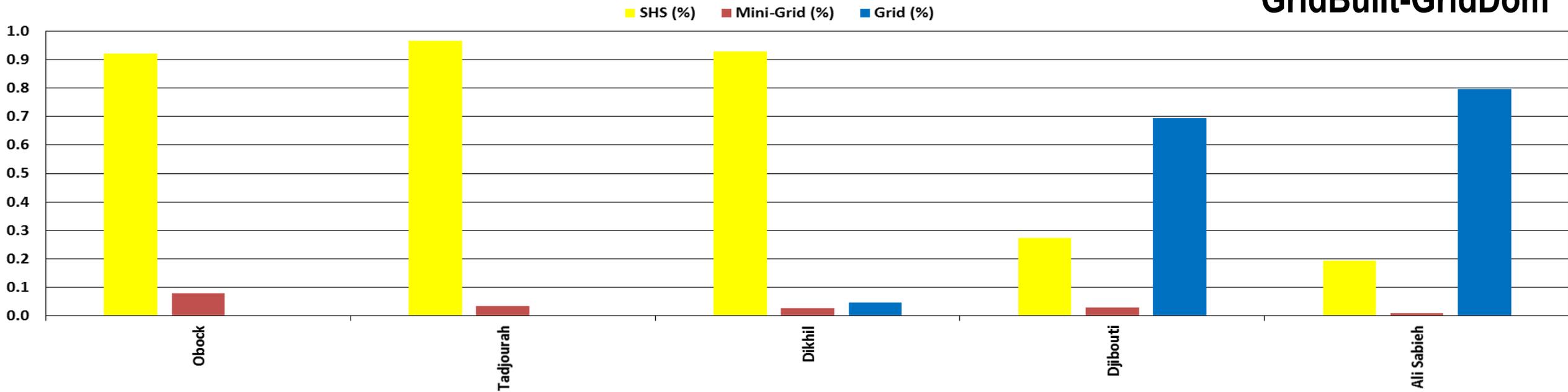
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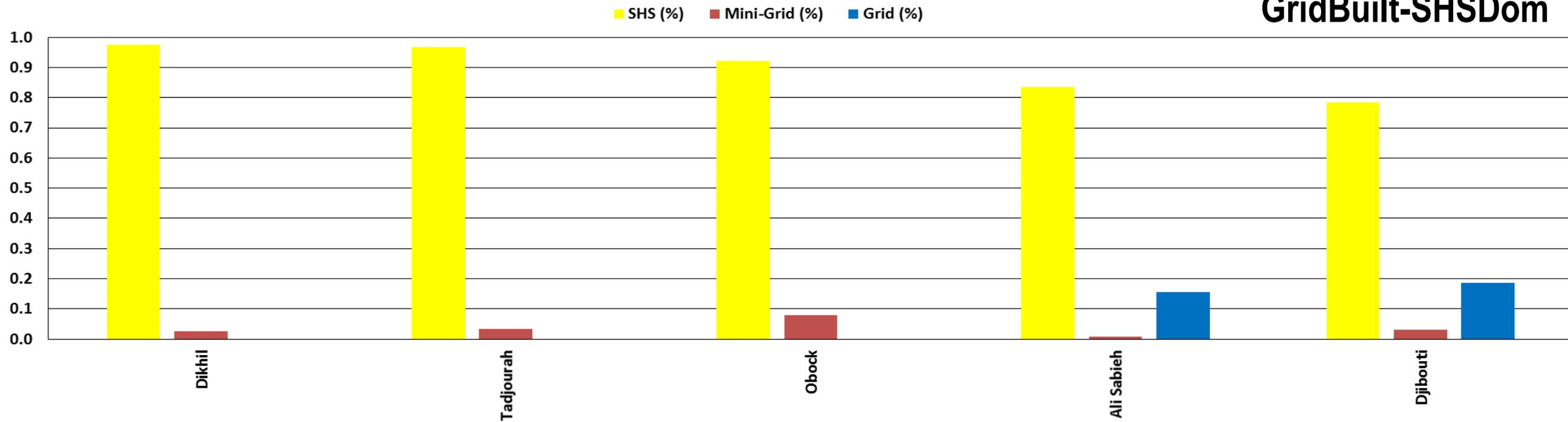
Share of electrification options in all Djiboutian regions

GridBuilt-GridDom



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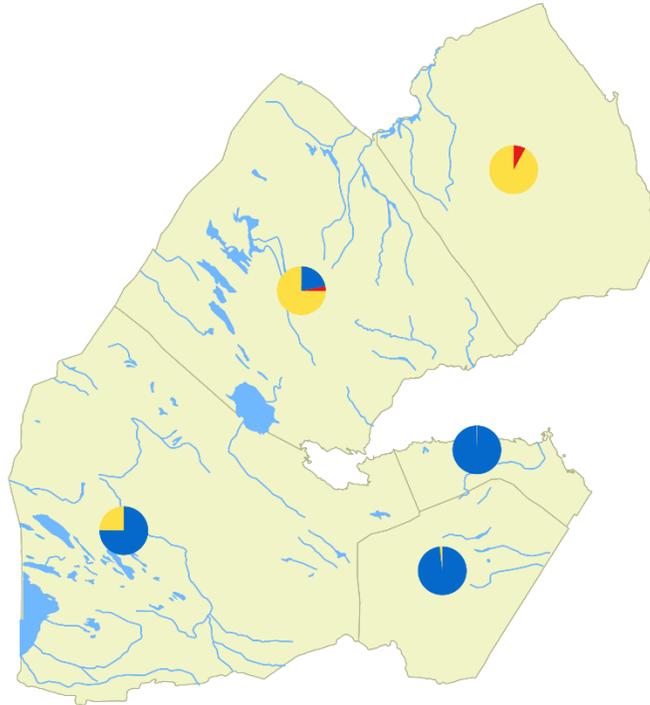
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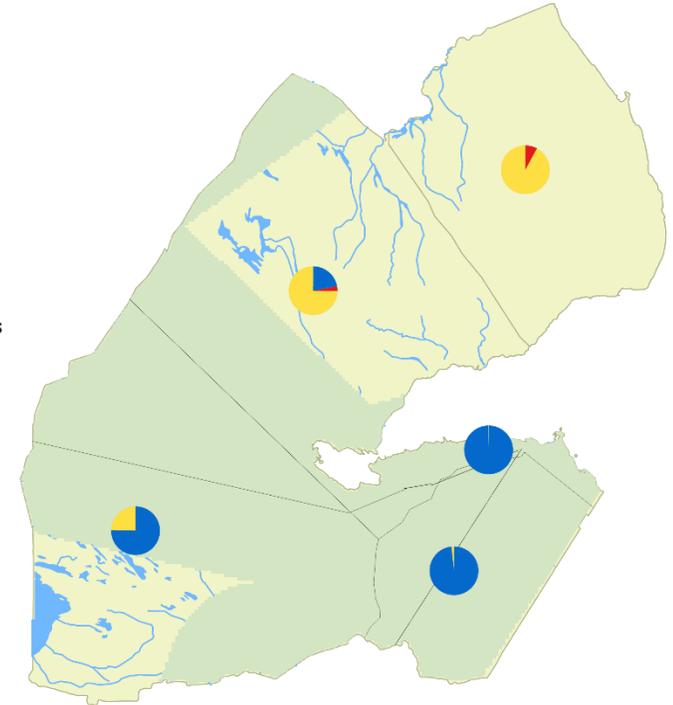
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Grid Buffer (diameter)

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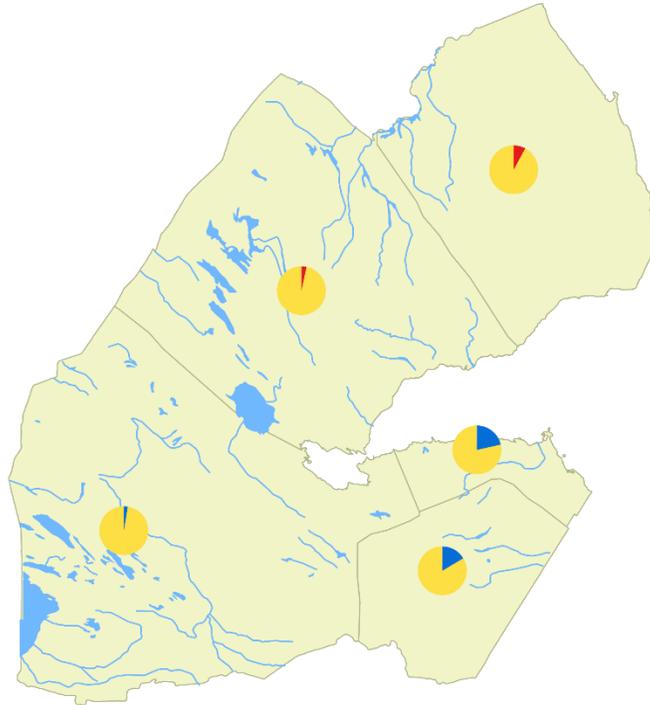
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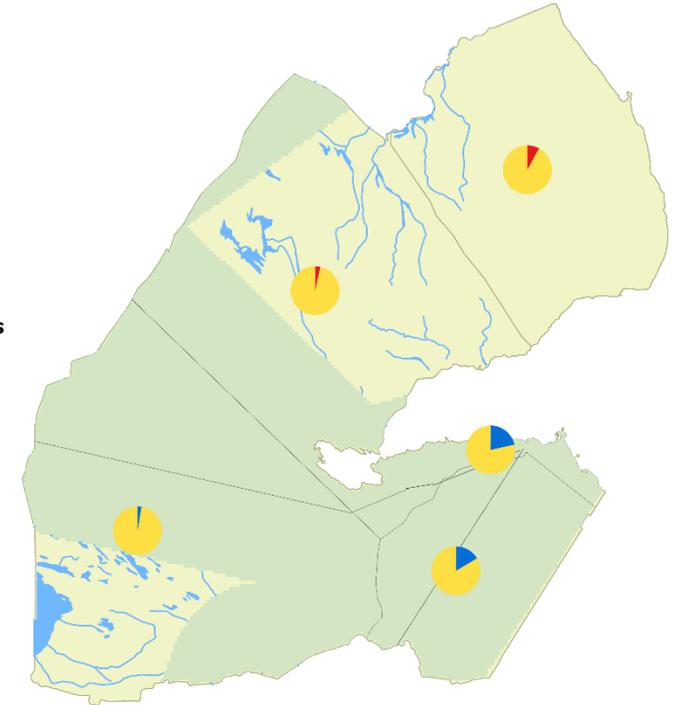
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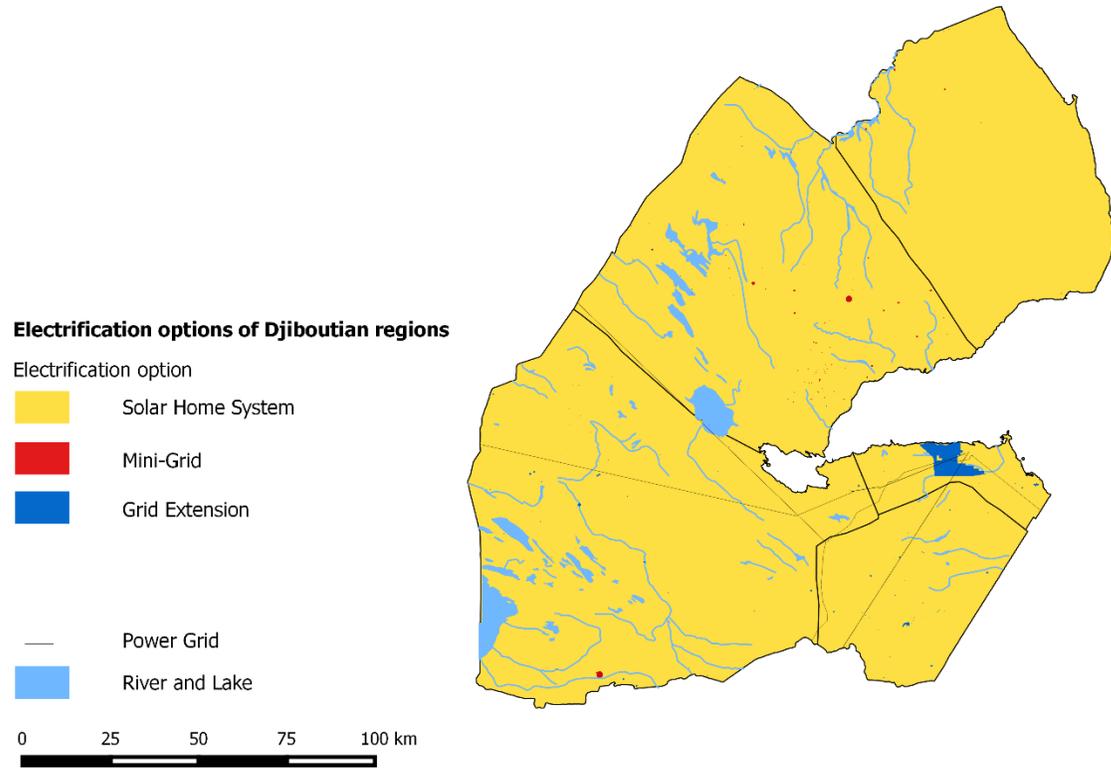
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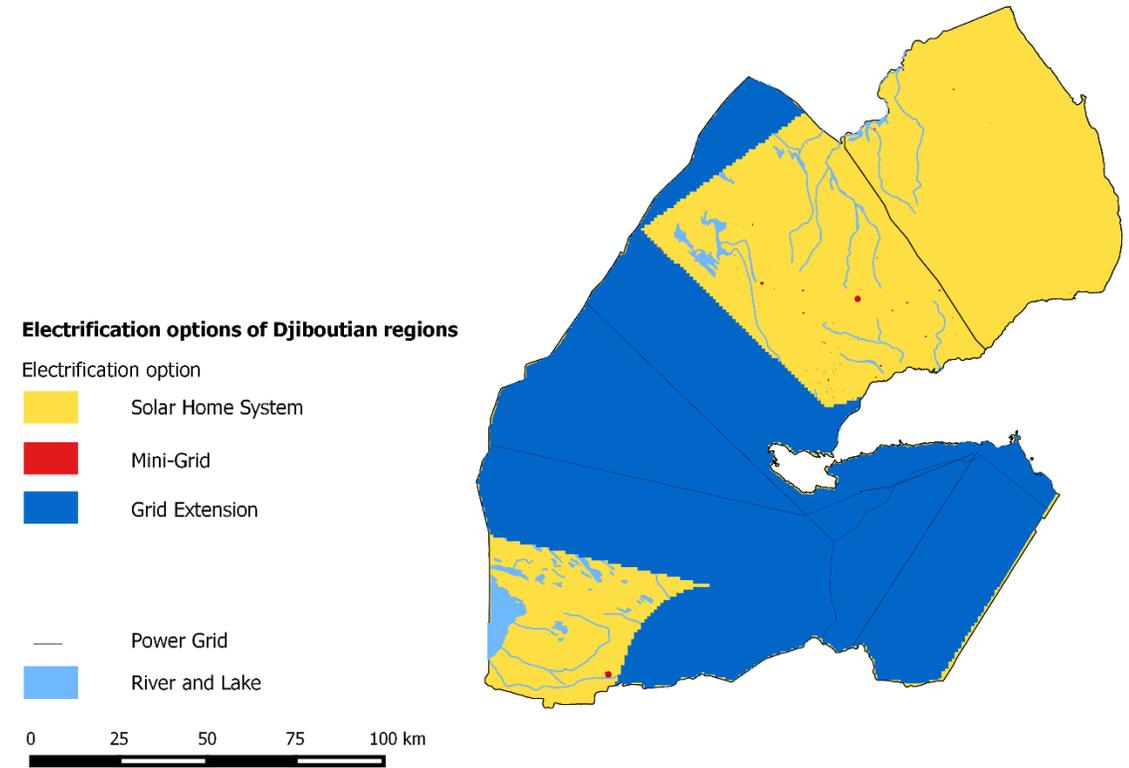
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Electrification option: GridPlanned-SHSDom



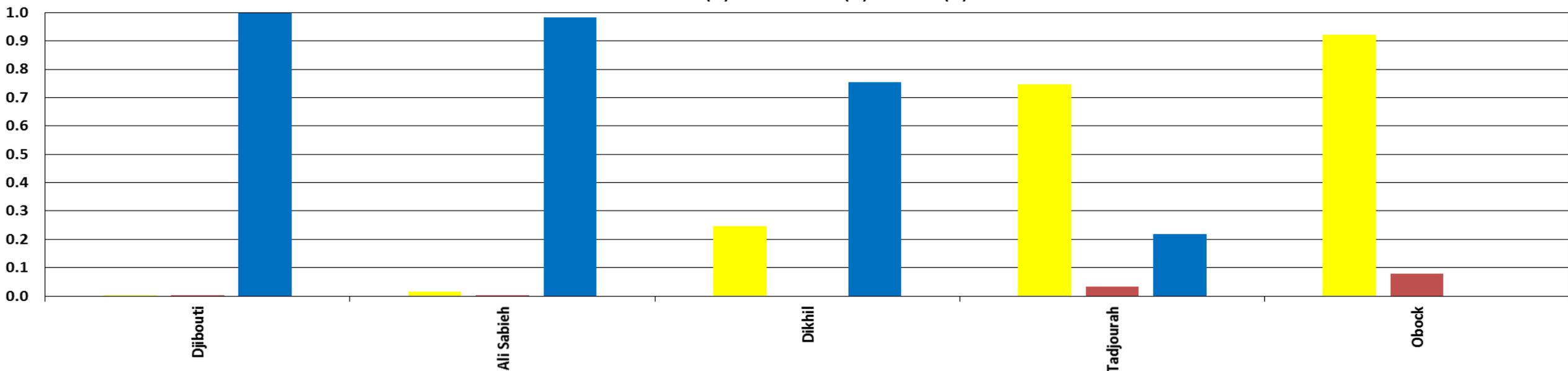
Electrification option: GridPlanned-GridDom



Share of electrification options in all Djiboutian regions

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

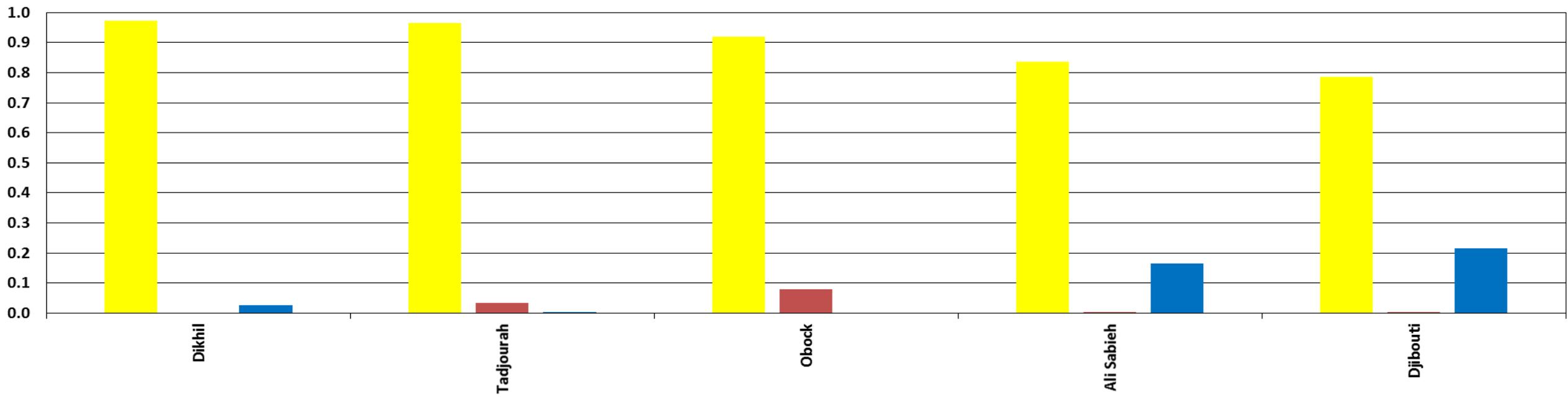
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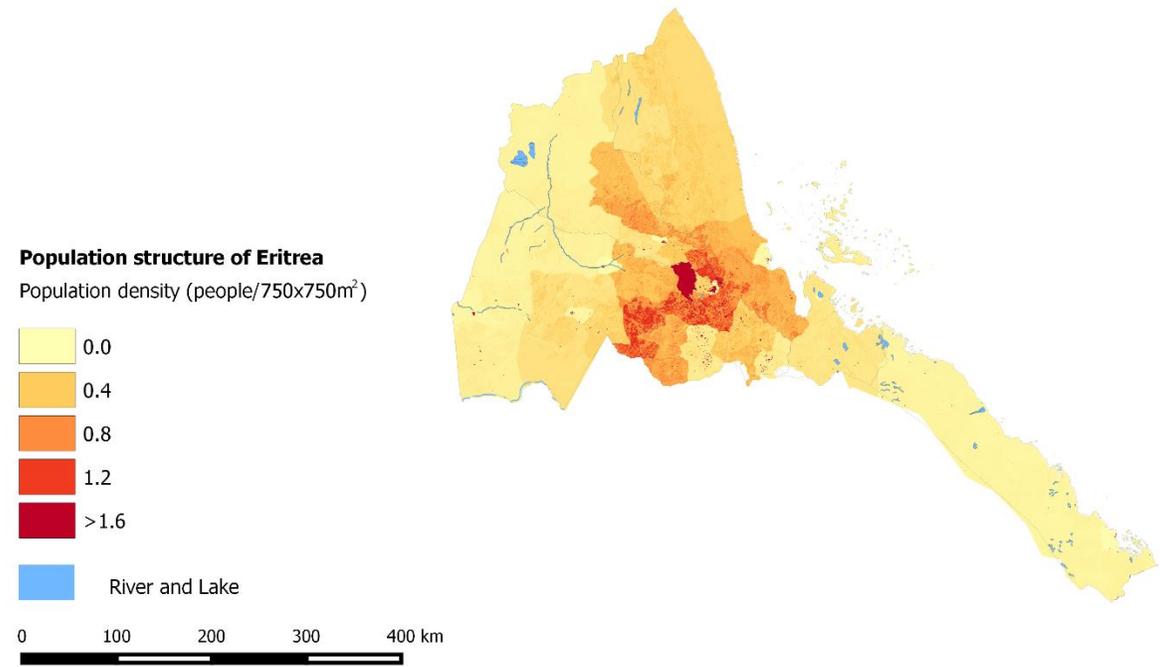
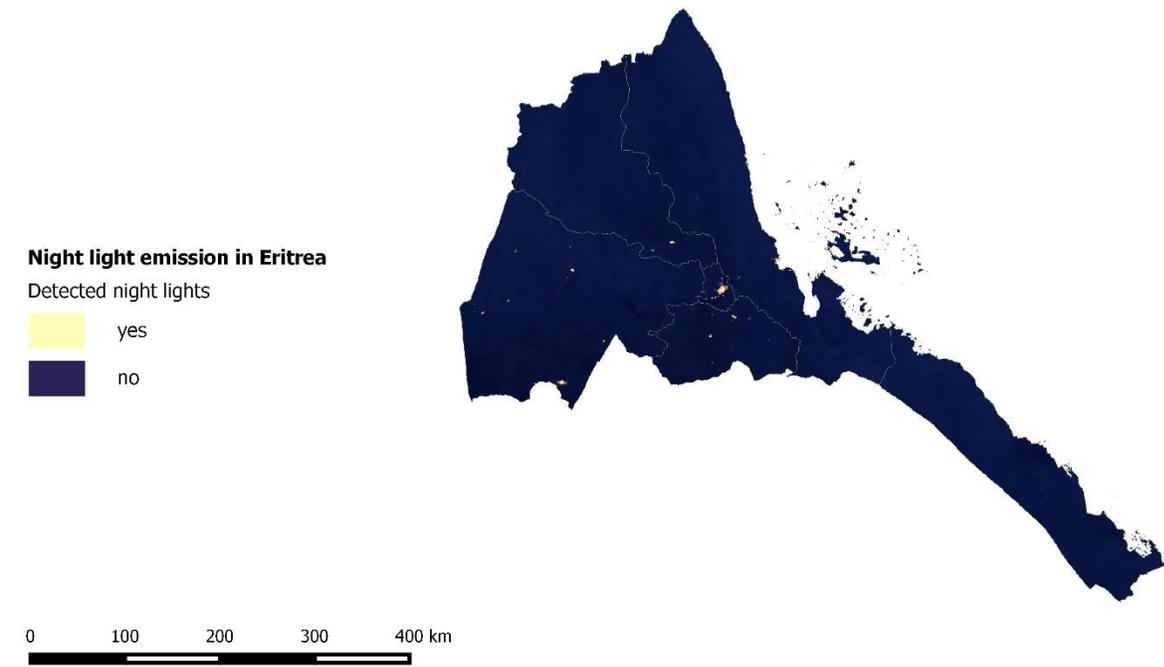
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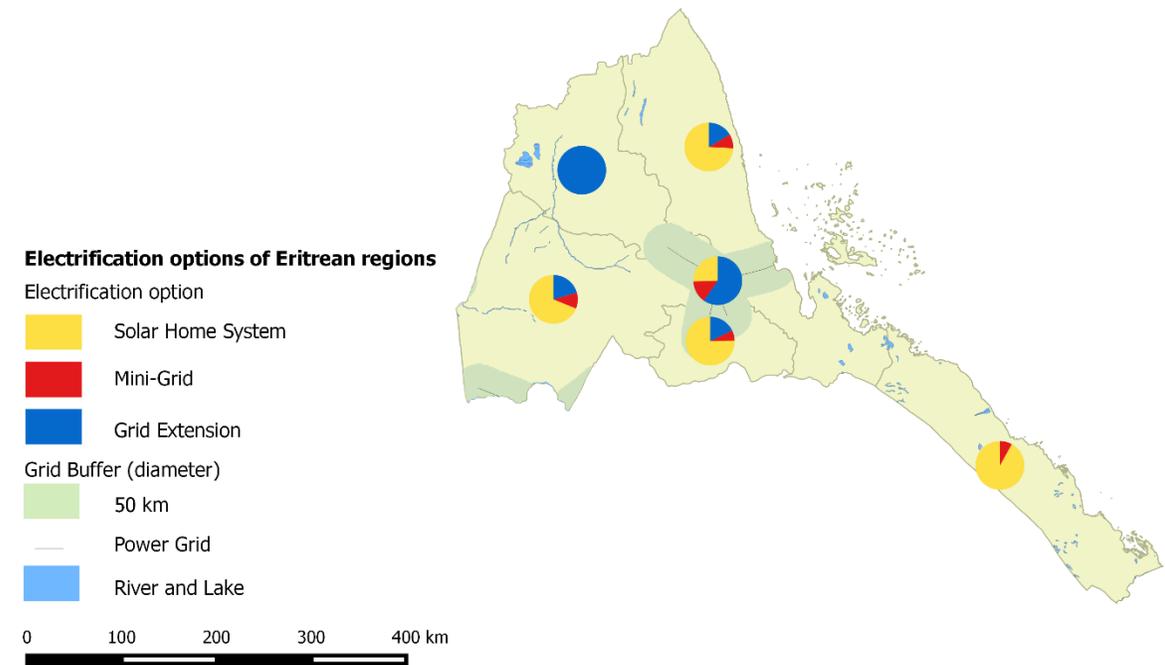
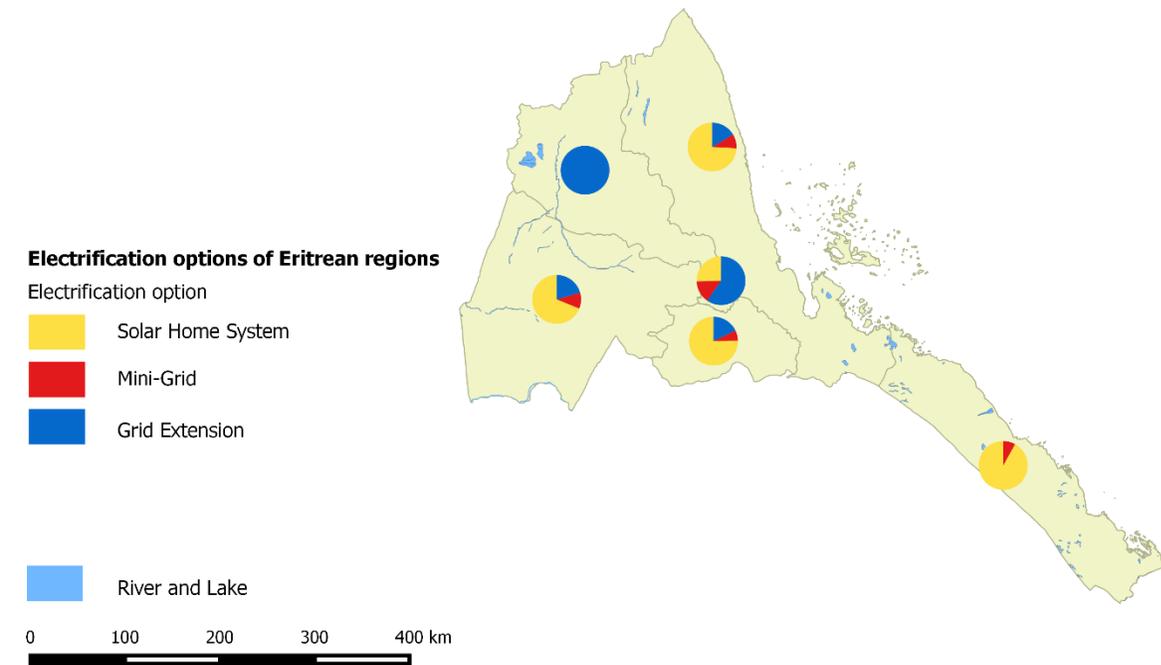
Eritrea



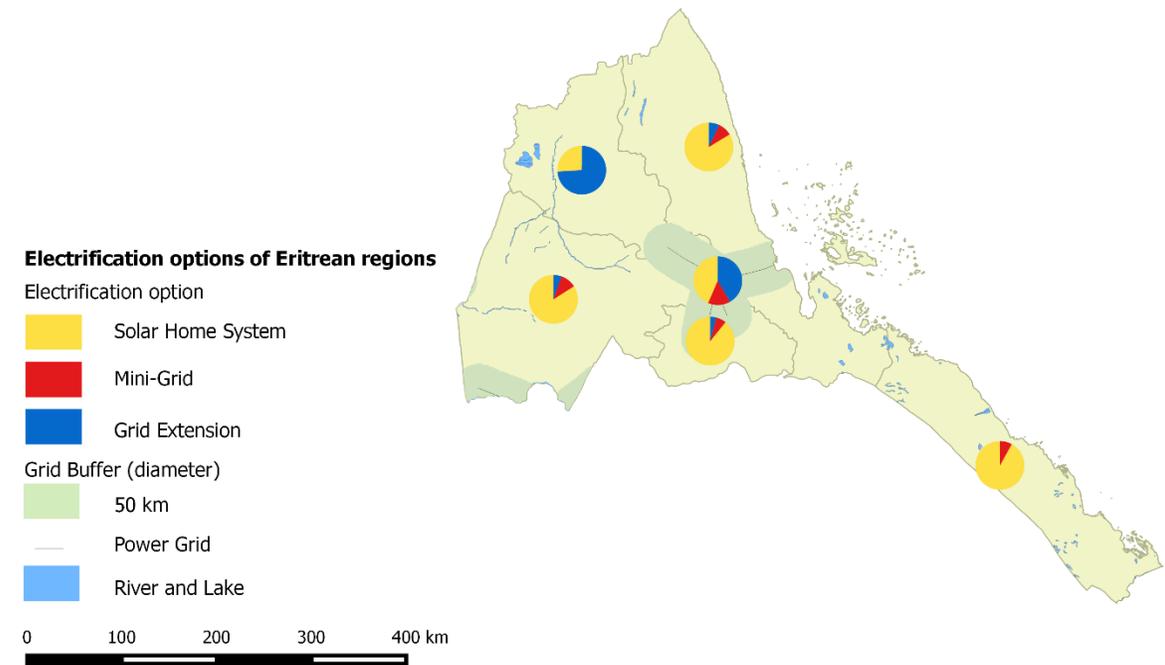
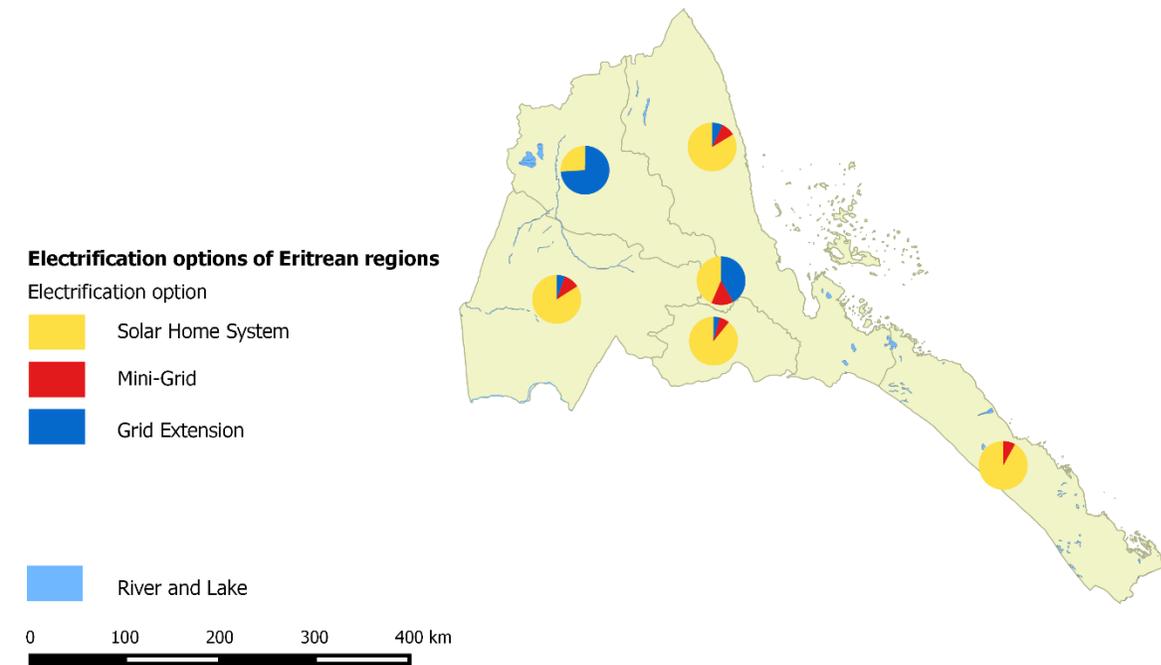
Night light emission and Population of Eritrean regions



Electrification option in all Eritrean regions: GridBuilt-GridDom

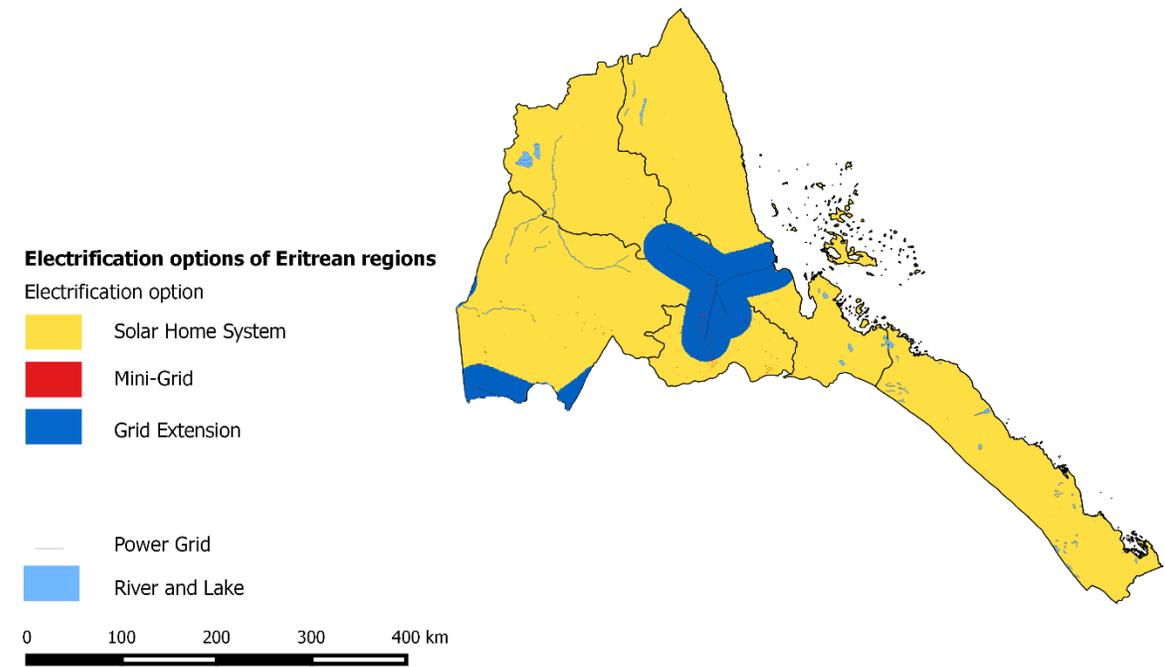
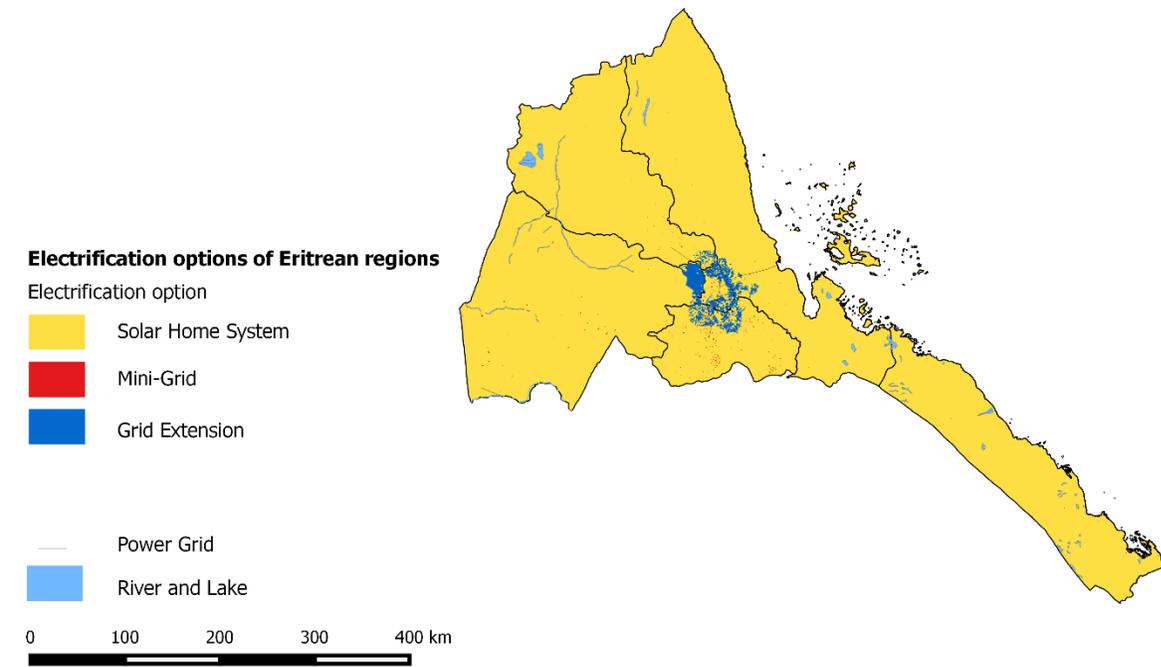


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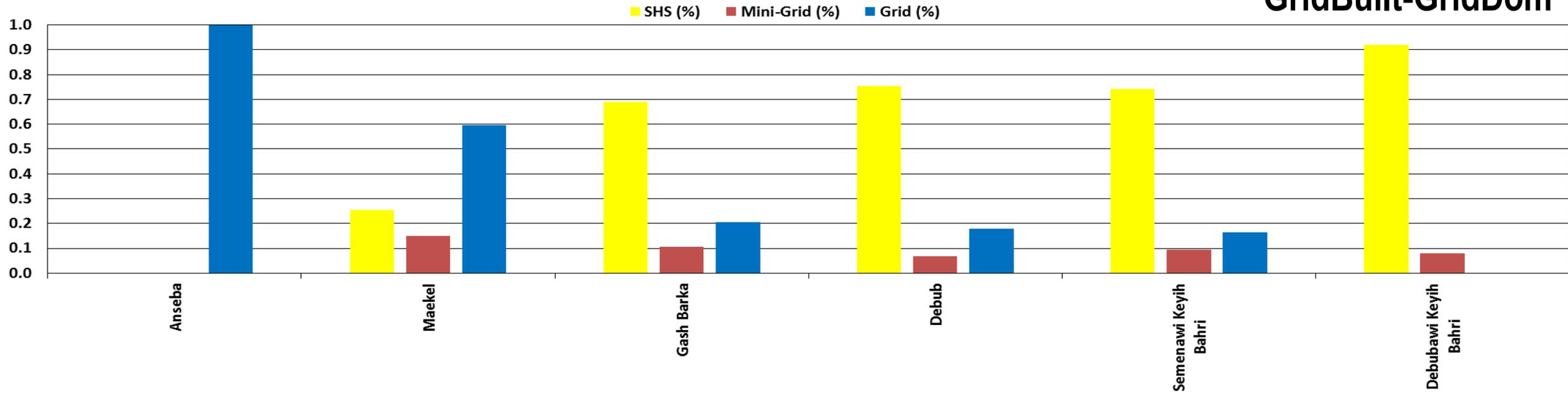
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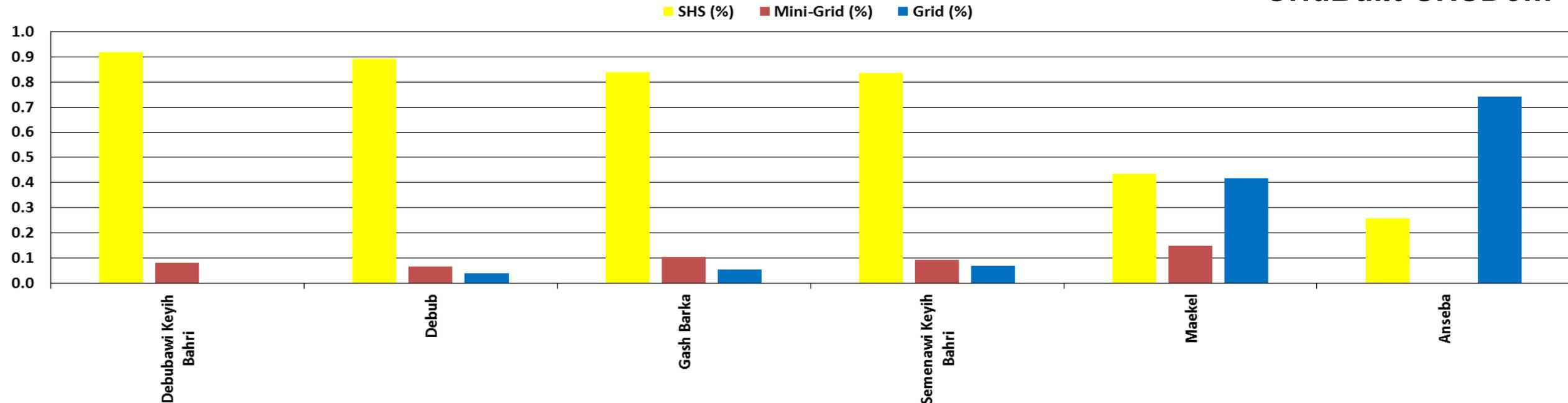
Share of electrification options in all Eritrean regions

GridBuilt-GridDom

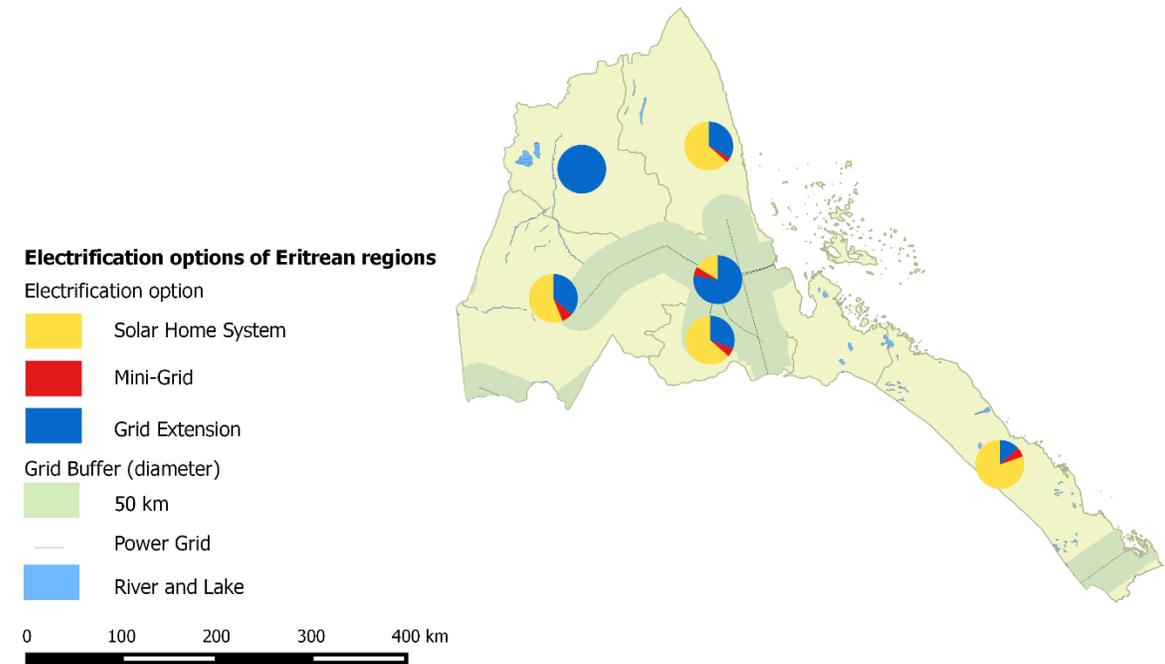
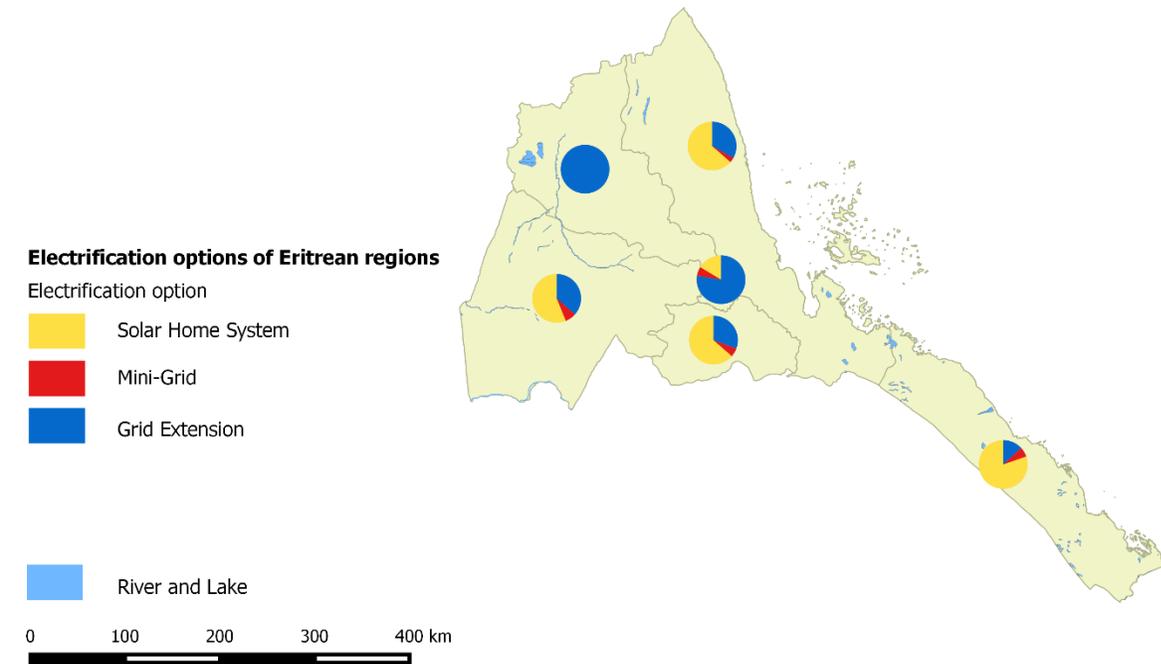


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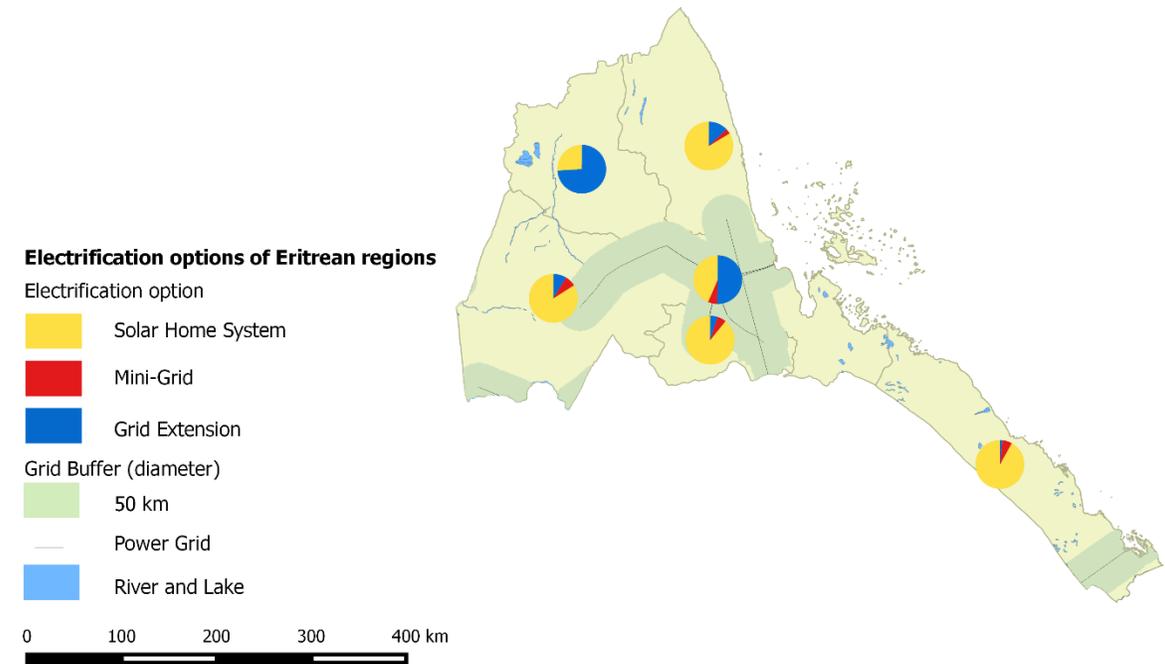
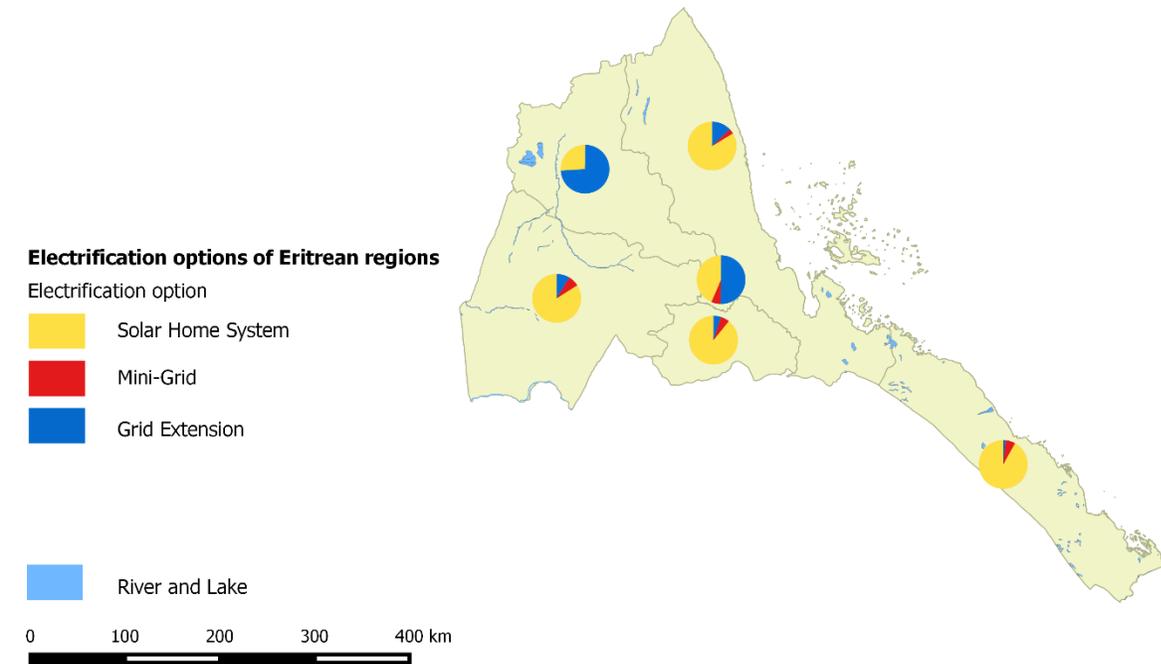
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Electrification option in all Eritrean regions: GridPlanned-GridDom



Electrification option in all Eritrean regions: GridPlanned-SHSDom



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Electrification options of Eritrean regions

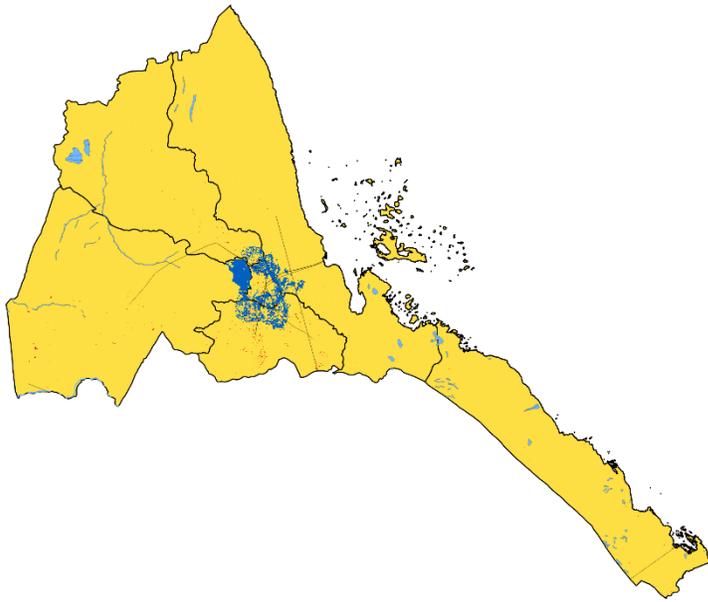
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 River and Lake

0 100 200 300 400 km



Electrification options of Eritrean regions

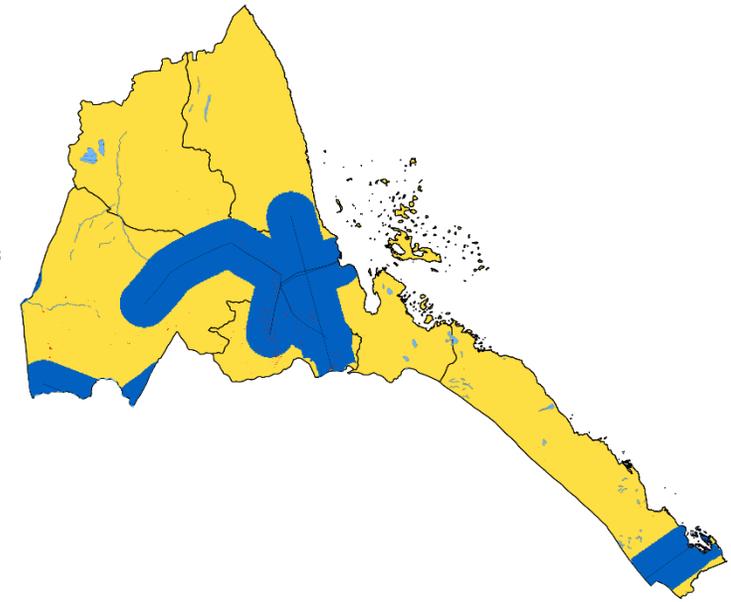
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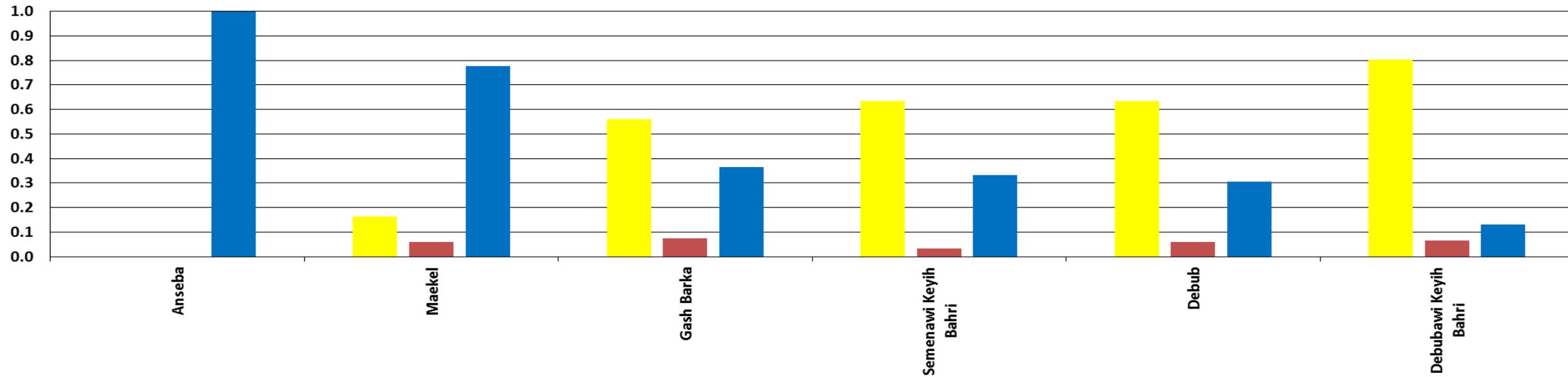
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Share of electrification options in all Eritrean regions

GridPlanned-GridDom

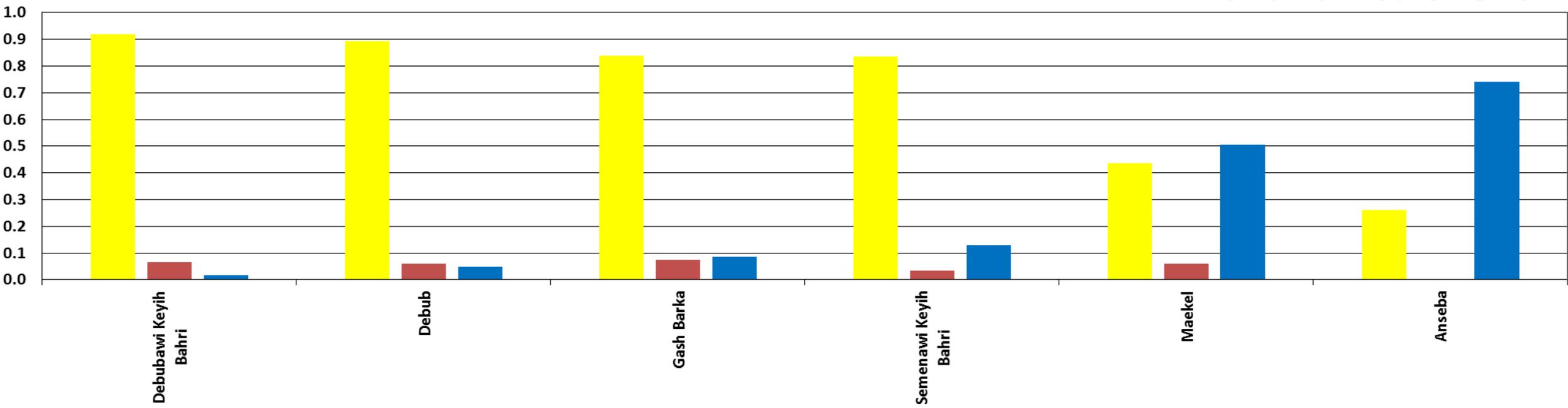
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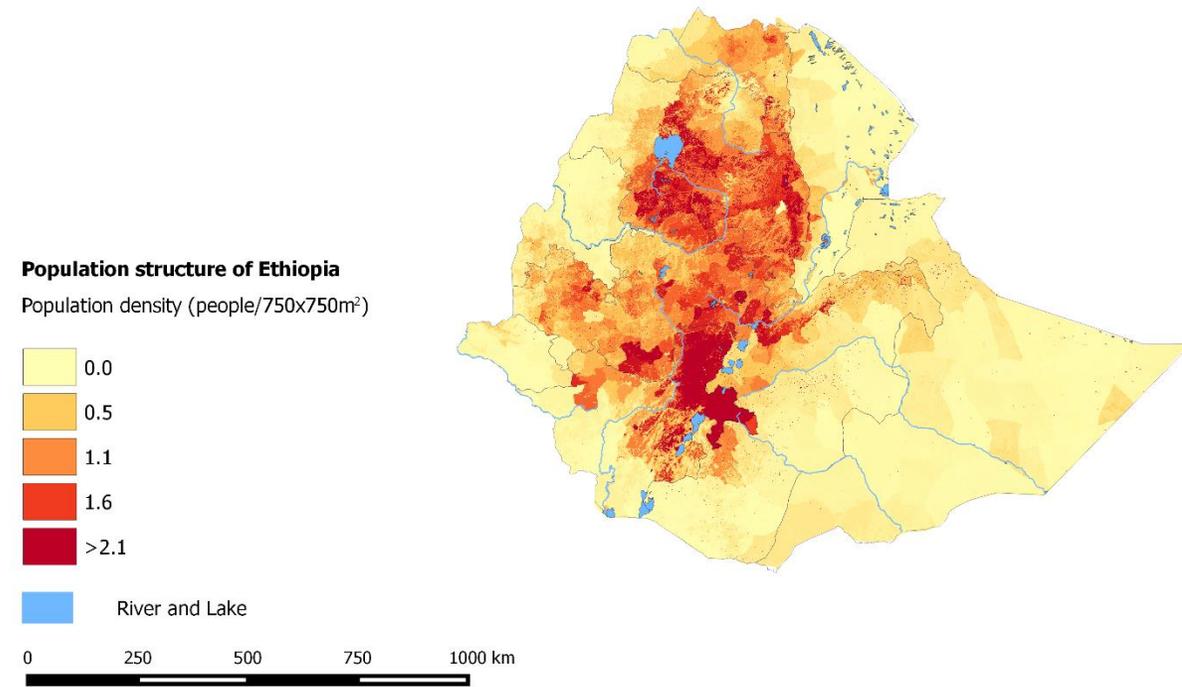
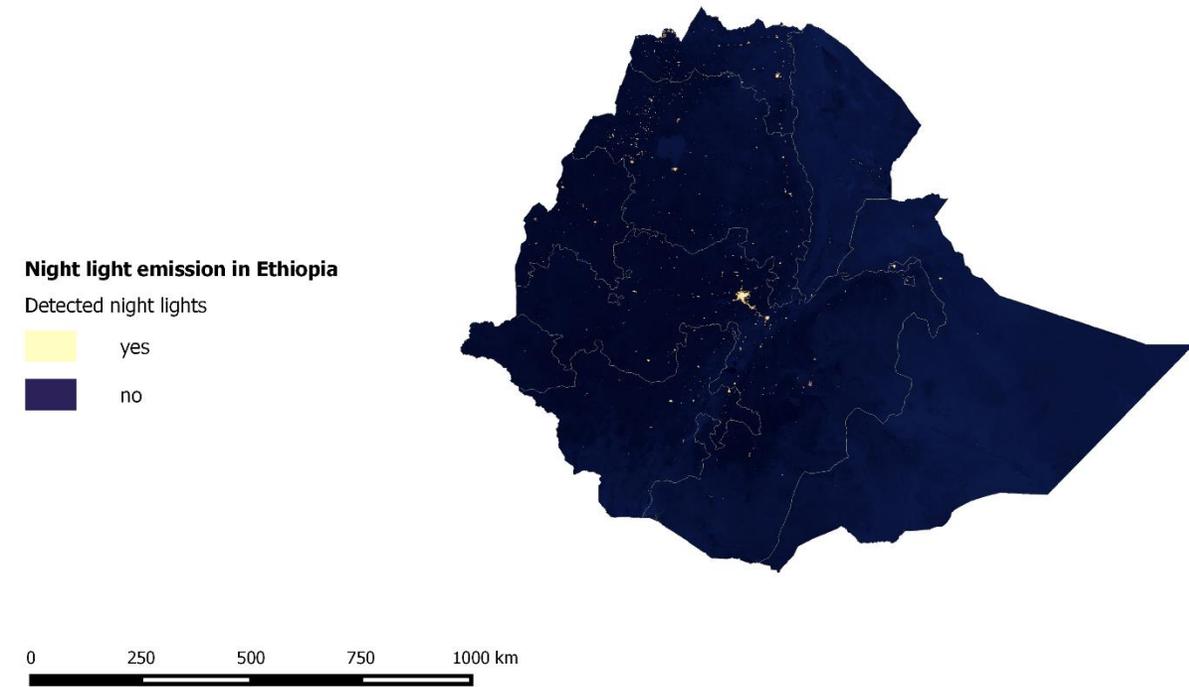
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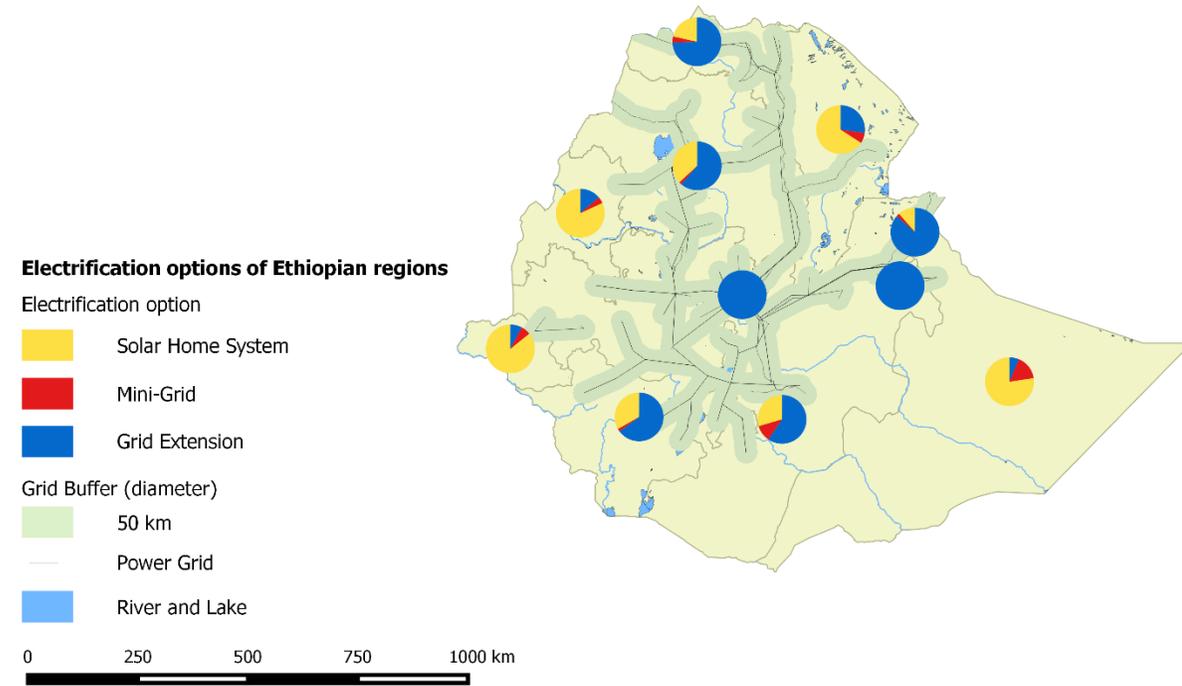
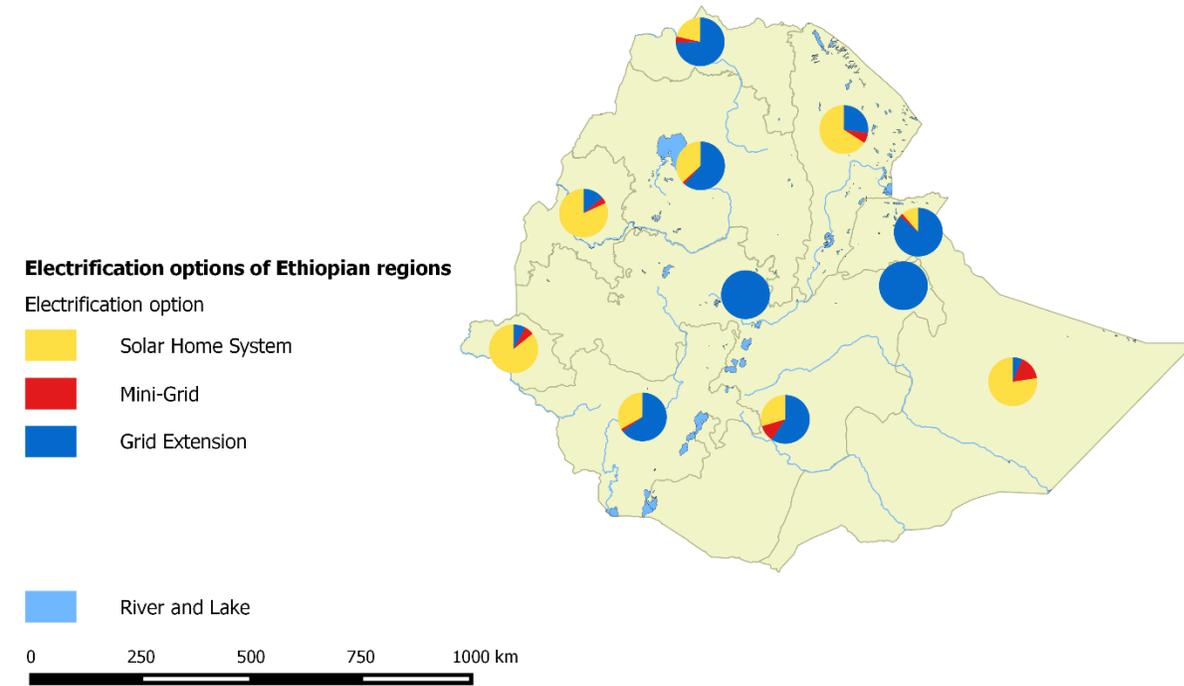
Ethiopia



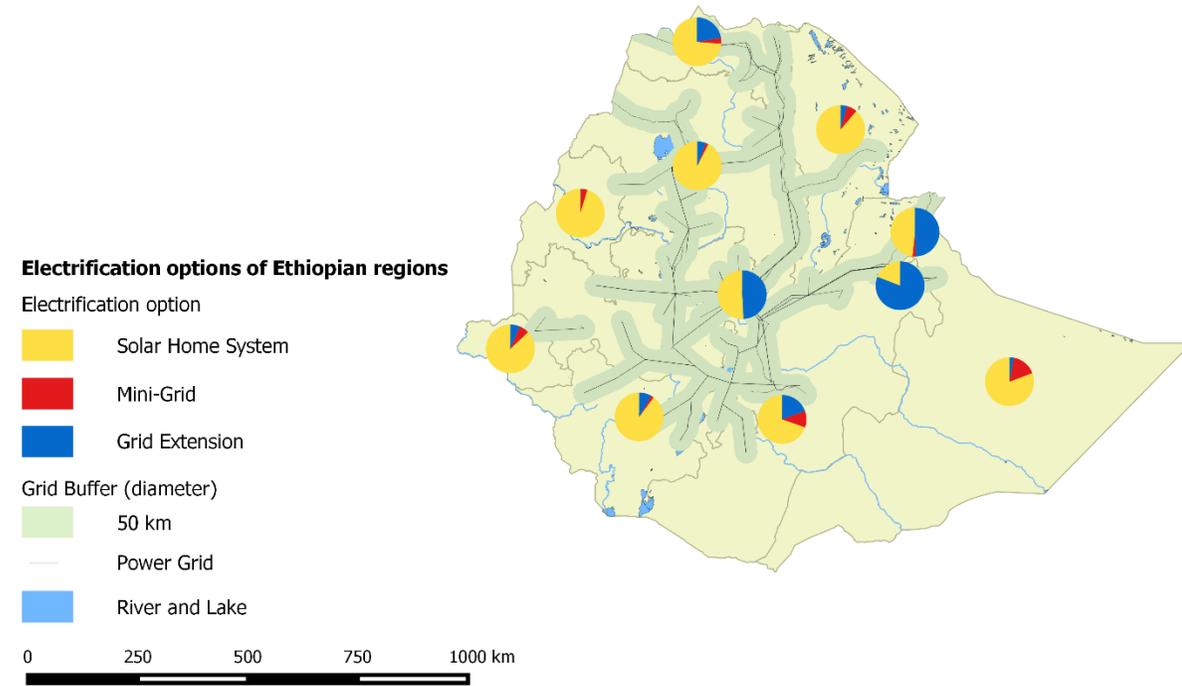
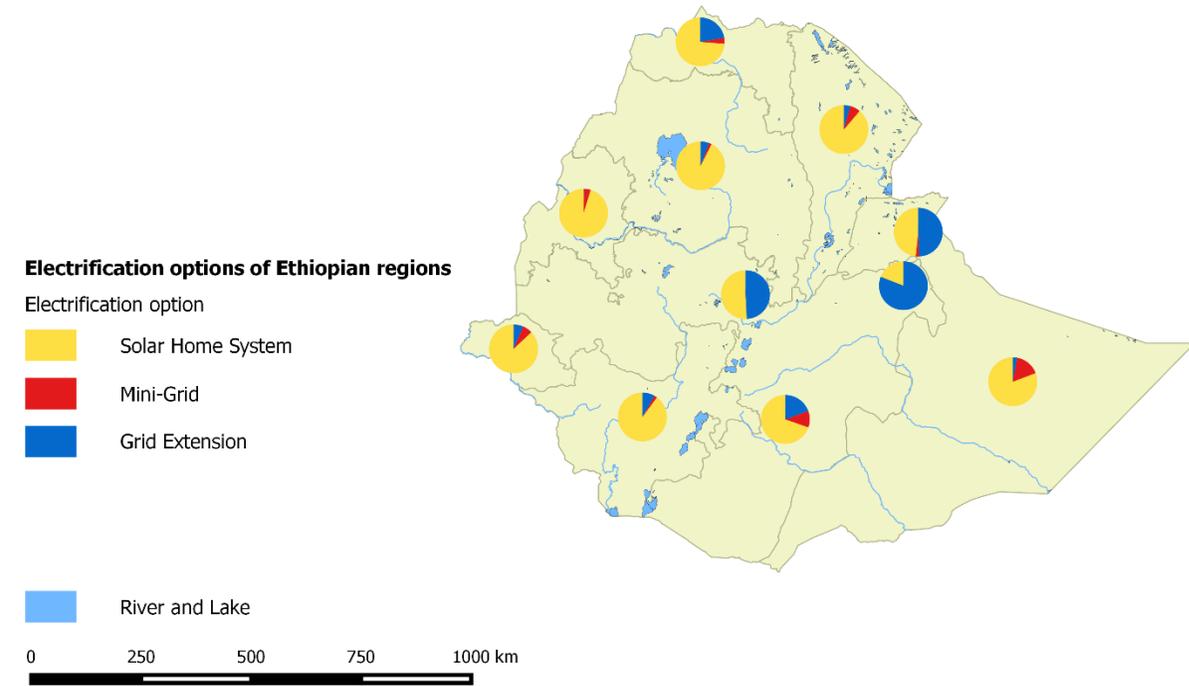
Night light emission and Population of Ethiopian regions



Electrification option in all Ethiopian regions: GridBuilt-GridDom



Electrification option in all Ethiopian regions: GridBuilt-SHSDom



Electrification option: GridBuilt-SHSDom

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Electrification options of Ethiopian regions

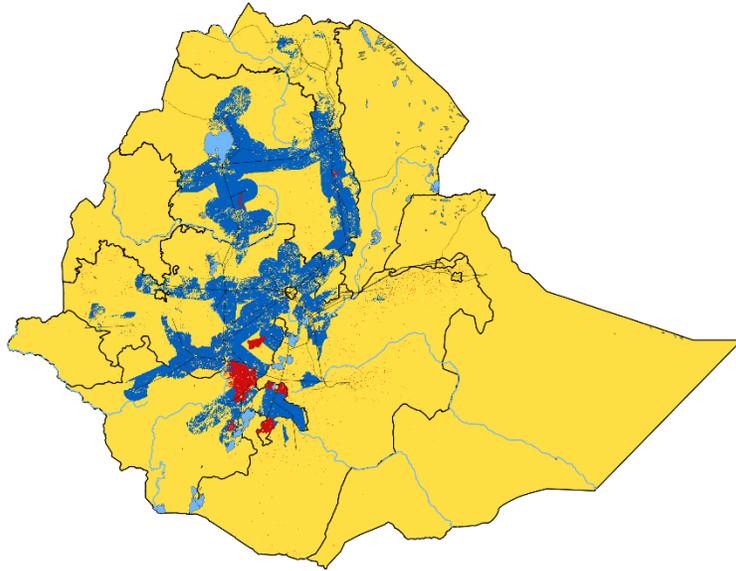
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 Power Grid

 River and Lake

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Electrification options of Ethiopian regions

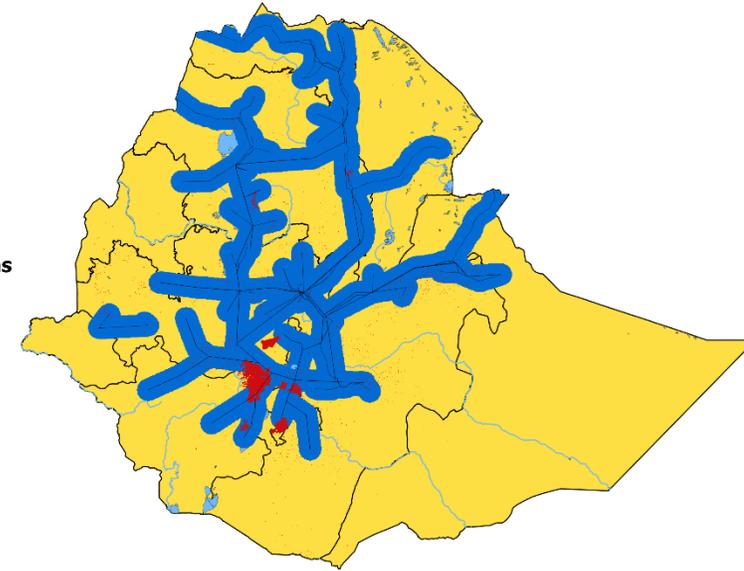
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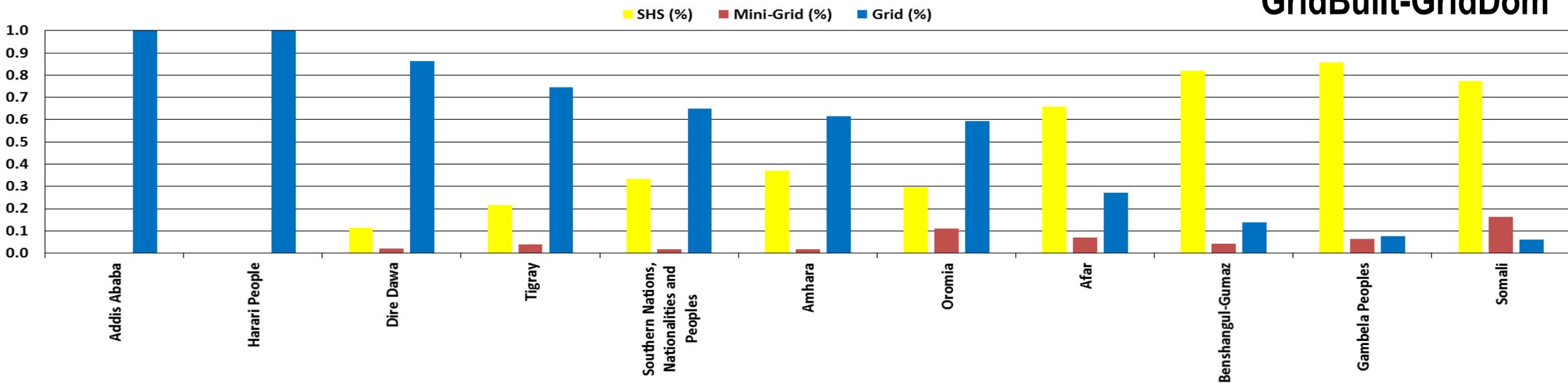
 River and Lake

0 250 500 750 1000 km



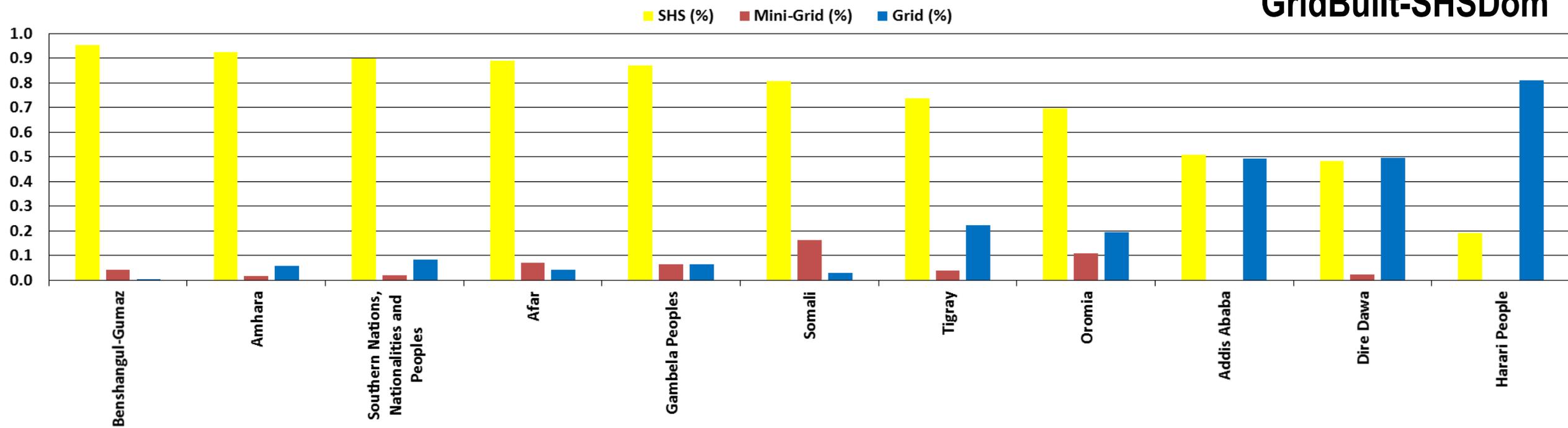
Share of electrification options in all Ethiopian regions

GridBuilt-GridDom

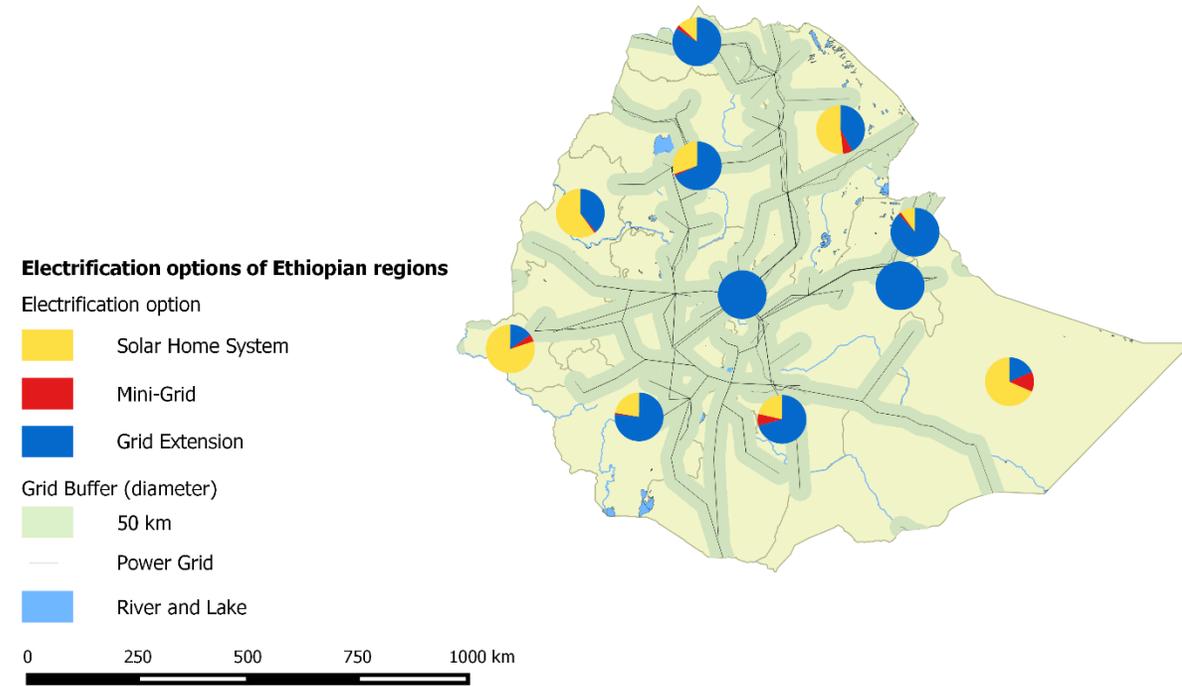
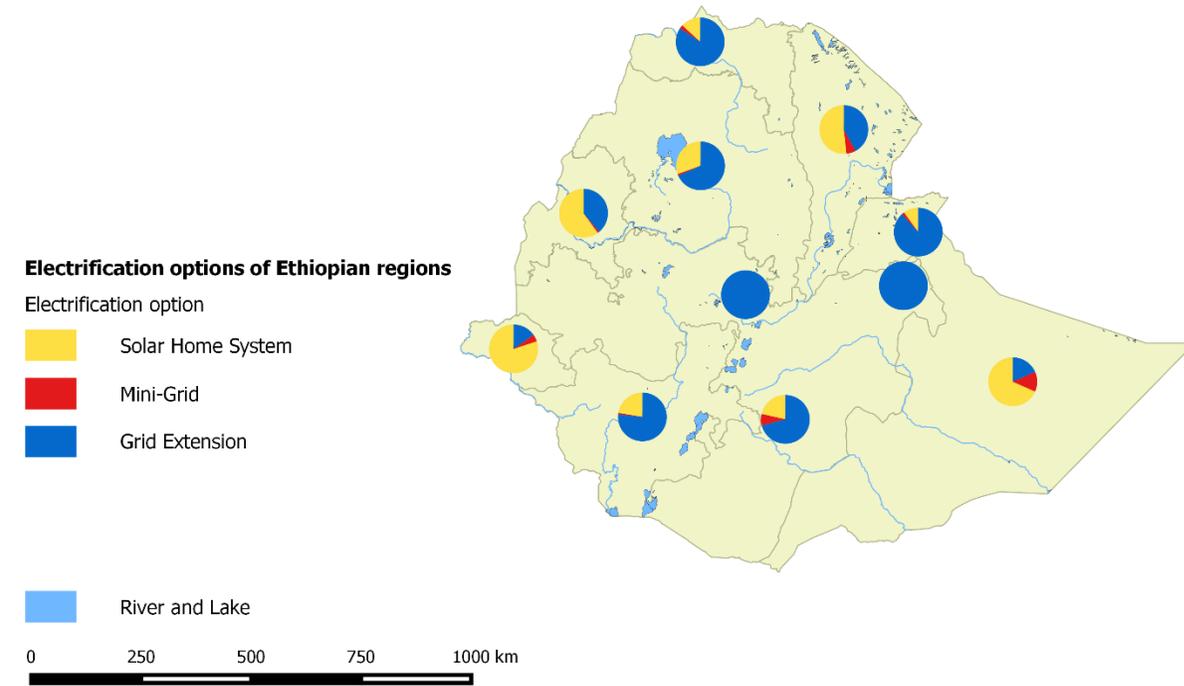


Share of electrification options in all Ethiopian regions

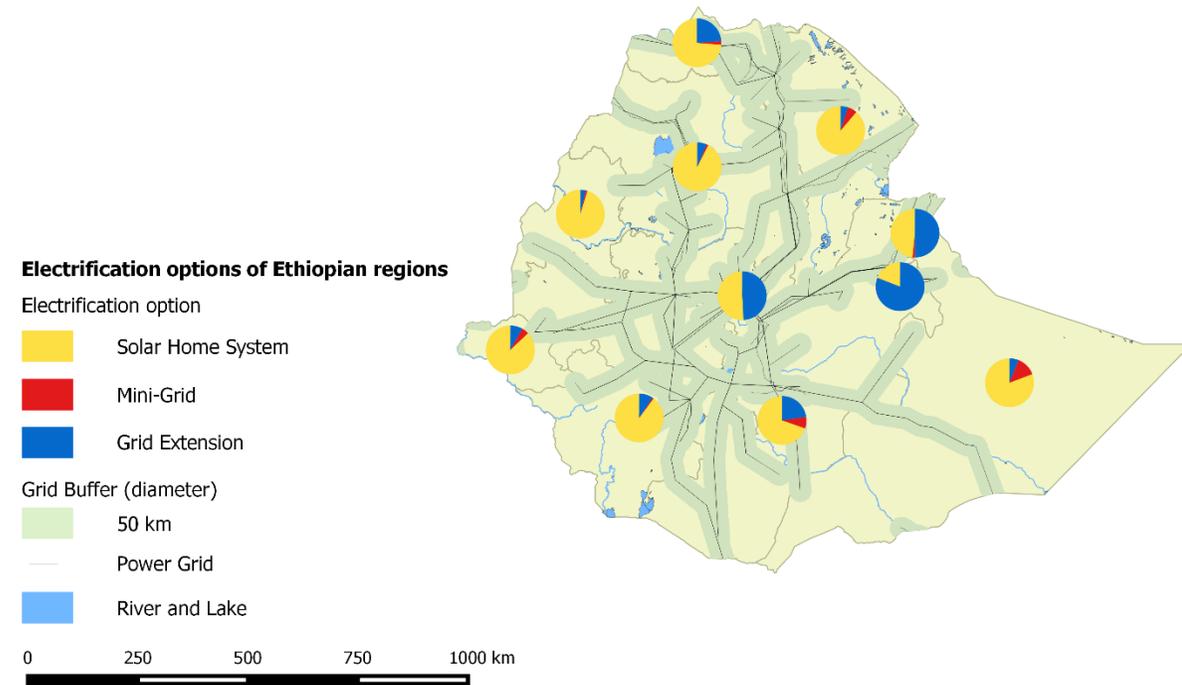
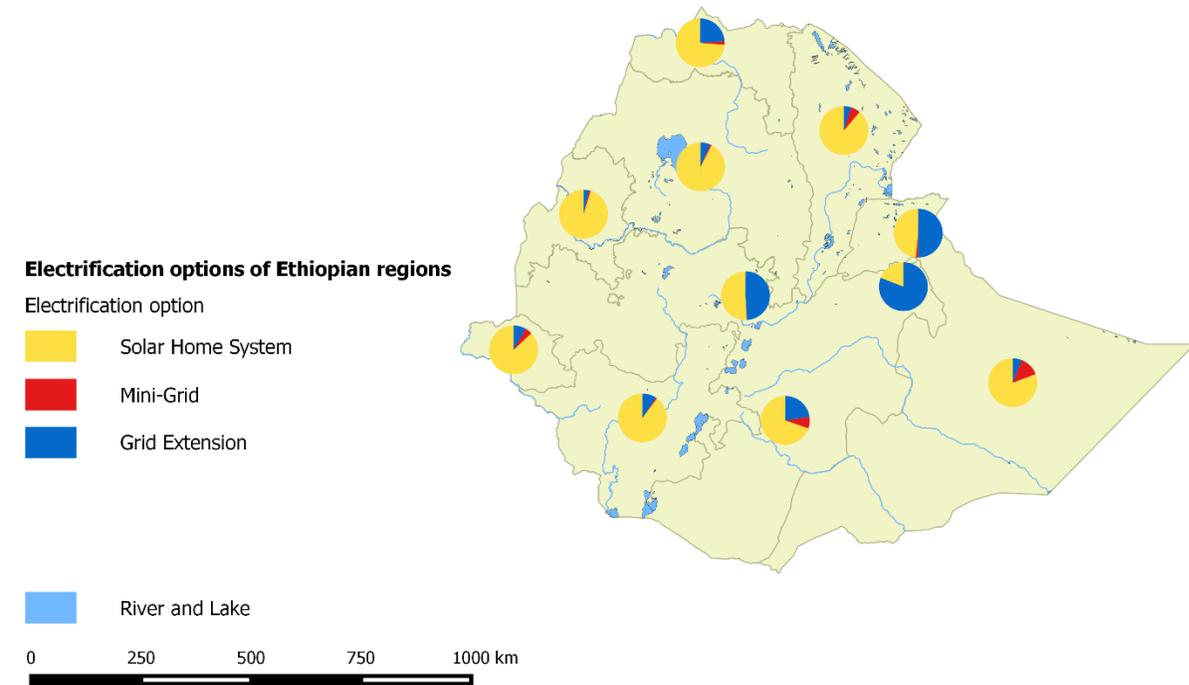
GridBuilt-SHSDom



Electrification option in all Ethiopian regions: GridPlanned-GridDom



Electrification option in all Ethiopian regions: GridPlanned-SHSDom

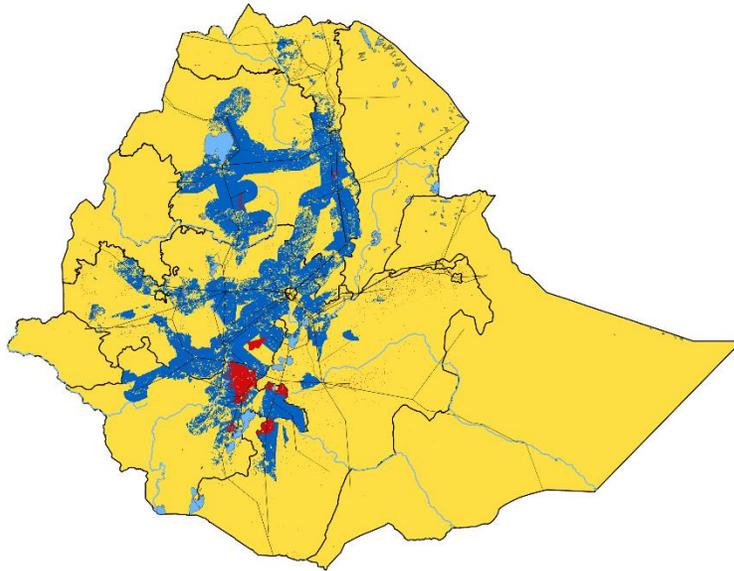


Electrification option: GridPlanned-SHSDom

Electrification option: GridPlanned-GridDom

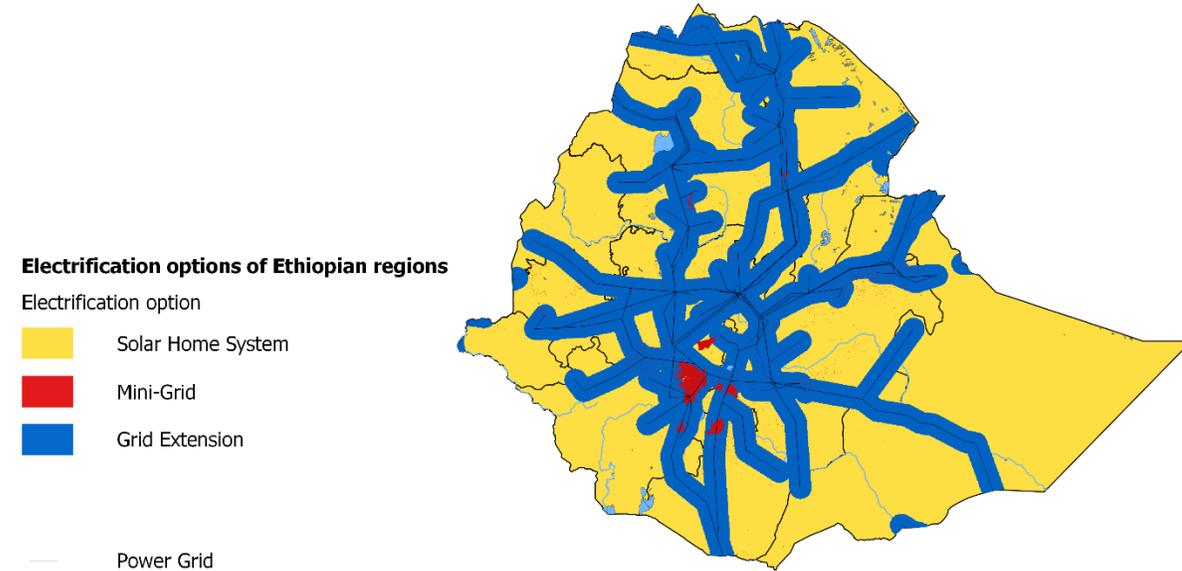
Electrification options of Ethiopian regions

- Electrification option
- Solar Home System
 - Mini-Grid
 - Grid Extension
- Power Grid
- River and Lake



Electrification options of Ethiopian regions

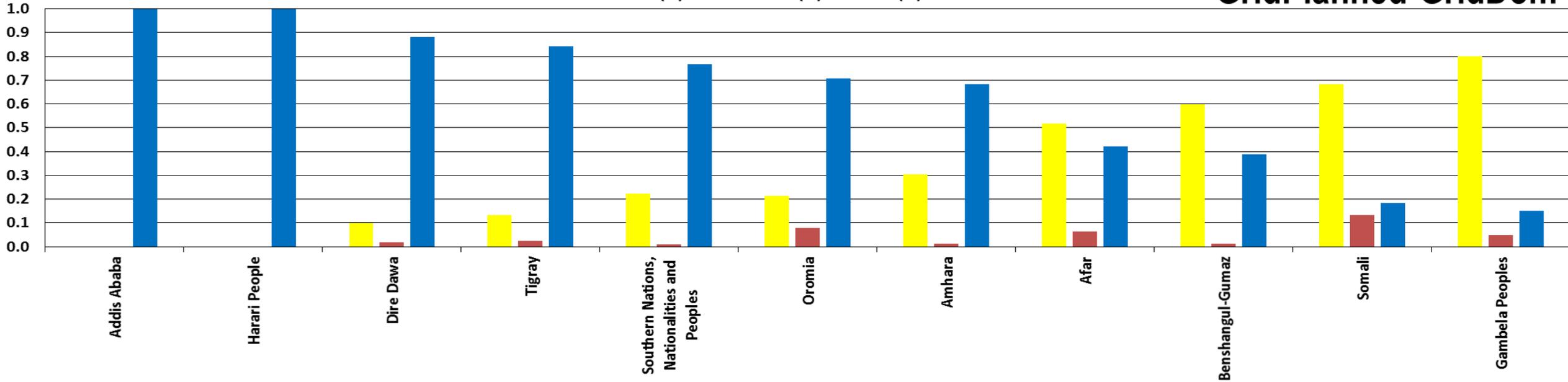
- Electrification option
- Solar Home System
 - Mini-Grid
 - Grid Extension
- Power Grid
- River and Lake



Share of electrification options in all Ethiopian regions

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

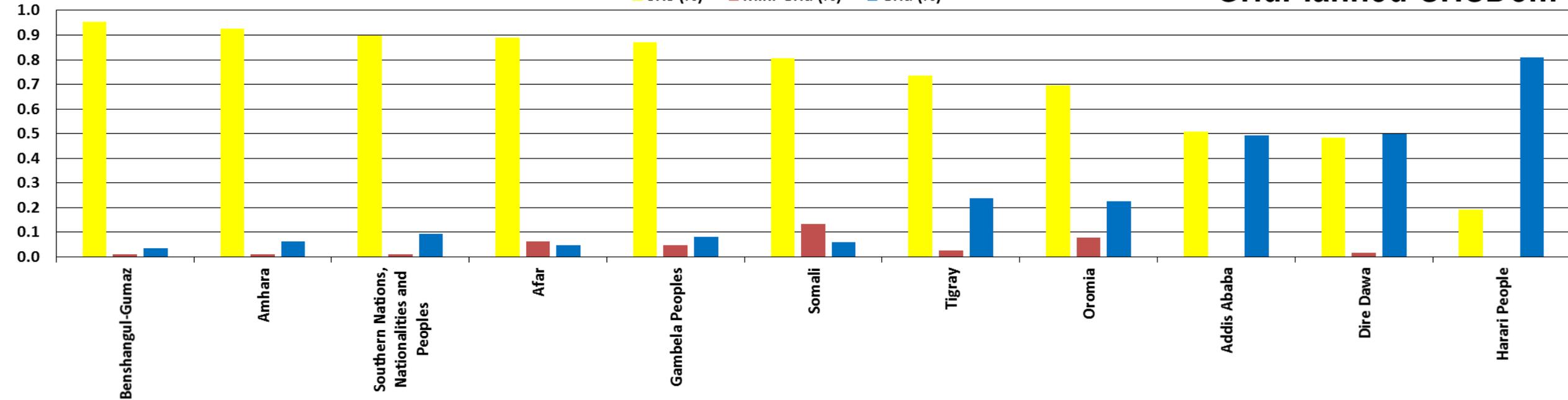
GridPlanned-GridDom



Share of electrification options in all Ethiopian regions

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

GridPlanned-SHSDom



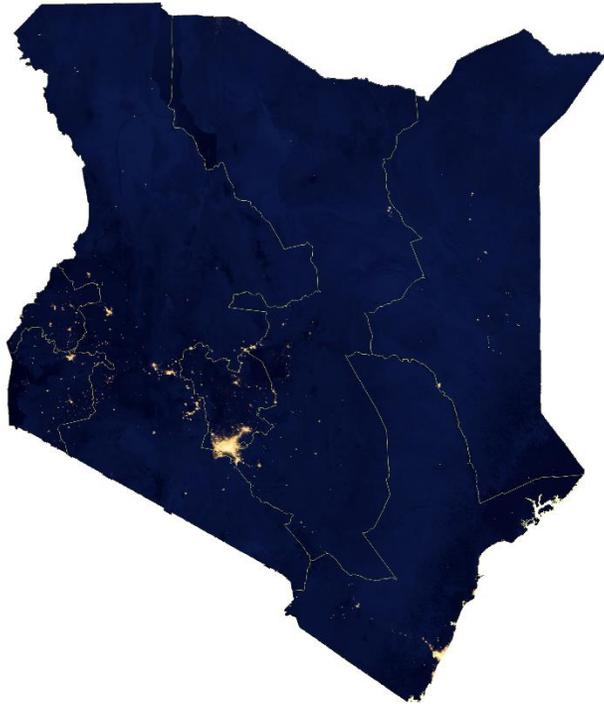
Kenya



Night light emission and Population of Kenyan regions

Night light emission in Kenya

Detected night lights

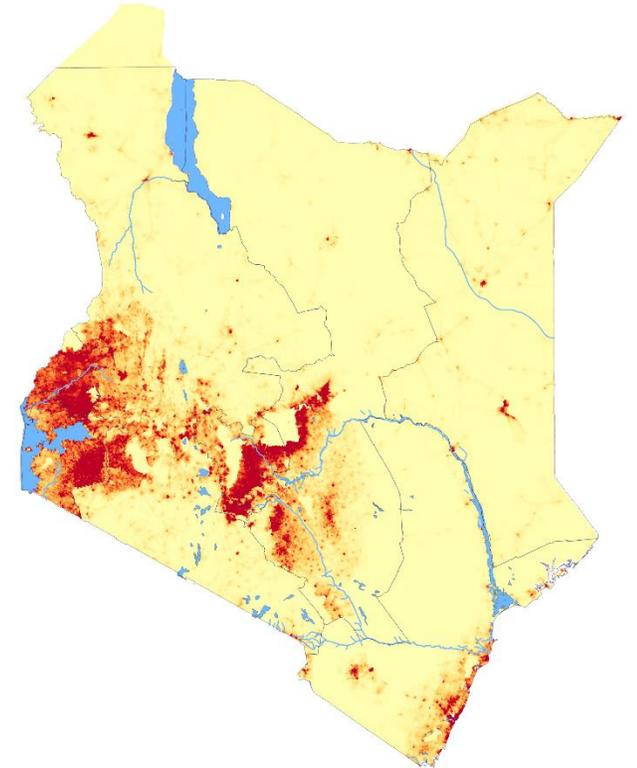
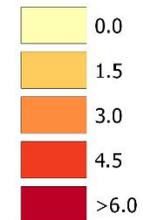


0 100 200 300 400 km

A horizontal scale bar with markings at 0, 100, 200, 300, and 400 kilometers.

Population structure of Kenya

Population density (people/750x750m²)



0 100 200 300 400 km

A horizontal scale bar with markings at 0, 100, 200, 300, and 400 kilometers.

Electrification option in all Kenyan regions: GridBuilt-GridDom

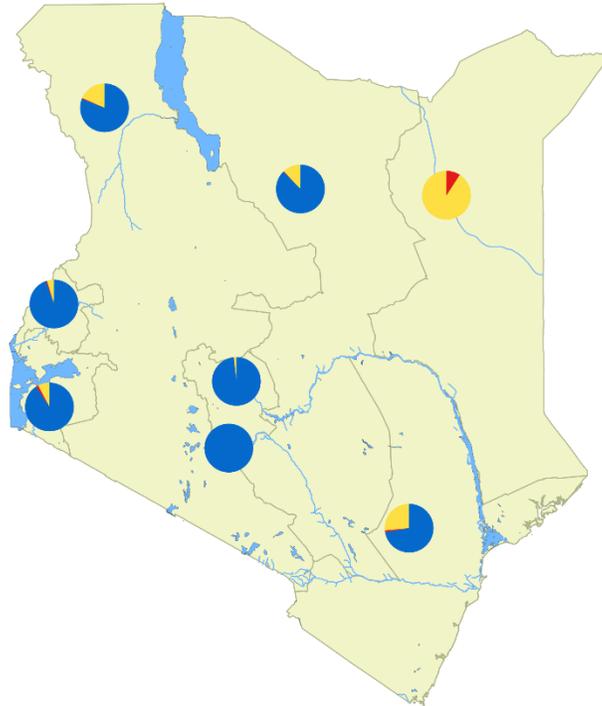
Electrification options of kenyan regions

Electrification option



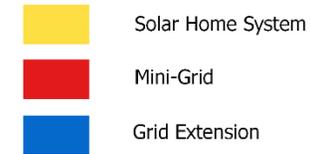
River and Lake

0 100 200 300 400 km



Electrification options of kenyan regions

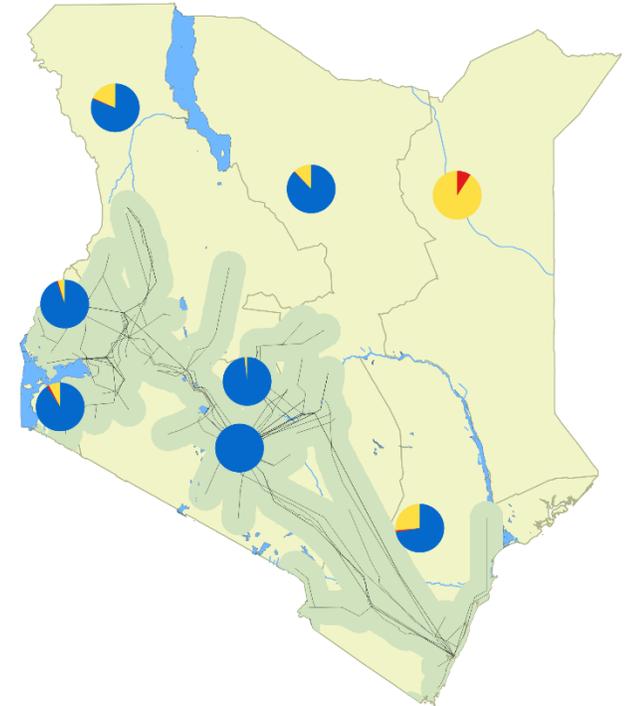
Electrification option



Grid Buffer (diameter)



0 100 200 300 400 km



Electrification option in all Kenyan regions: GridBuilt-SHSDom

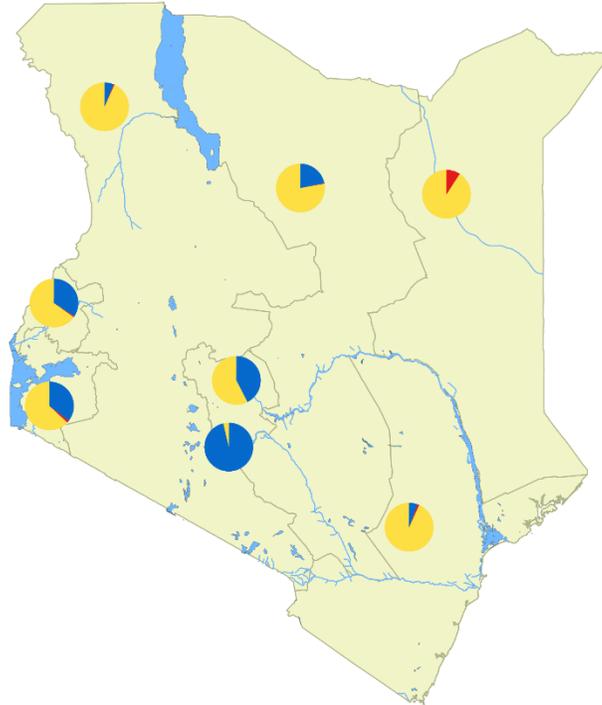
Electrification options of kenyan regions

Electrification option



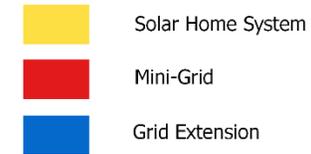
River and Lake

0 100 200 300 400 km



Electrification options of kenyan regions

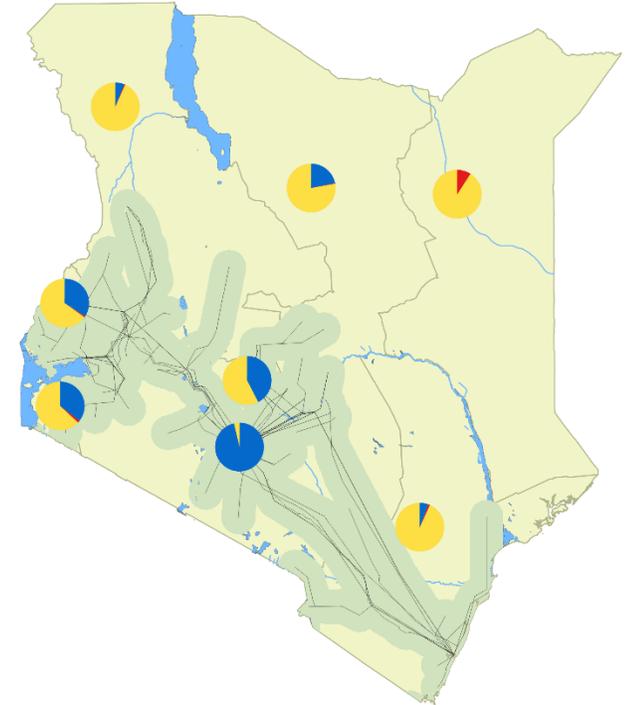
Electrification option



Grid Buffer (diameter)



0 100 200 300 400 km



Electrification option: GridBuilt-SHSDom

Electrification option: GridBuilt-GridDom

Electrification options of kenyan regions

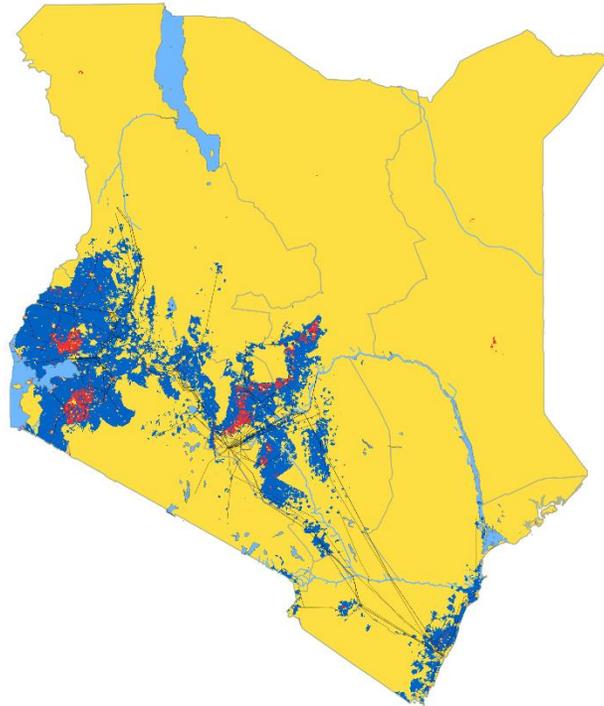
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

0 100 200 300 400 km



Electrification options of kenyan regions

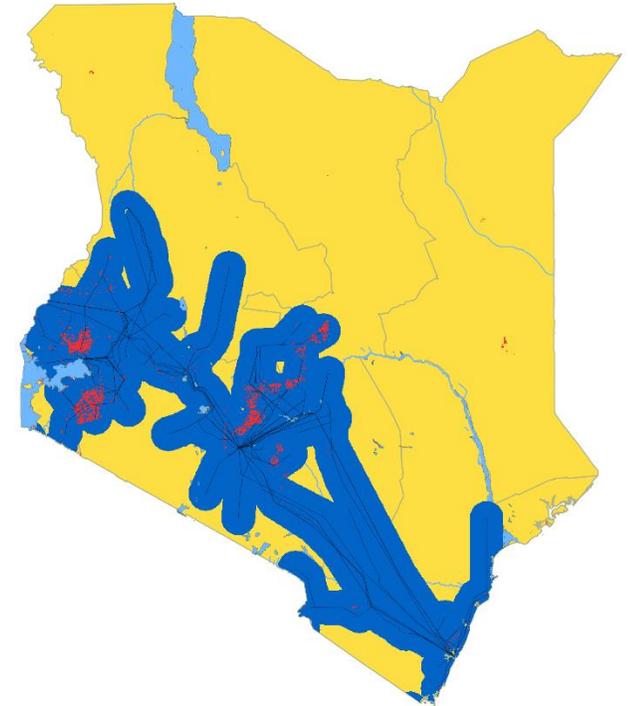
Electrification option

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-  Grid Extension

 Power Grid

 River and Lake

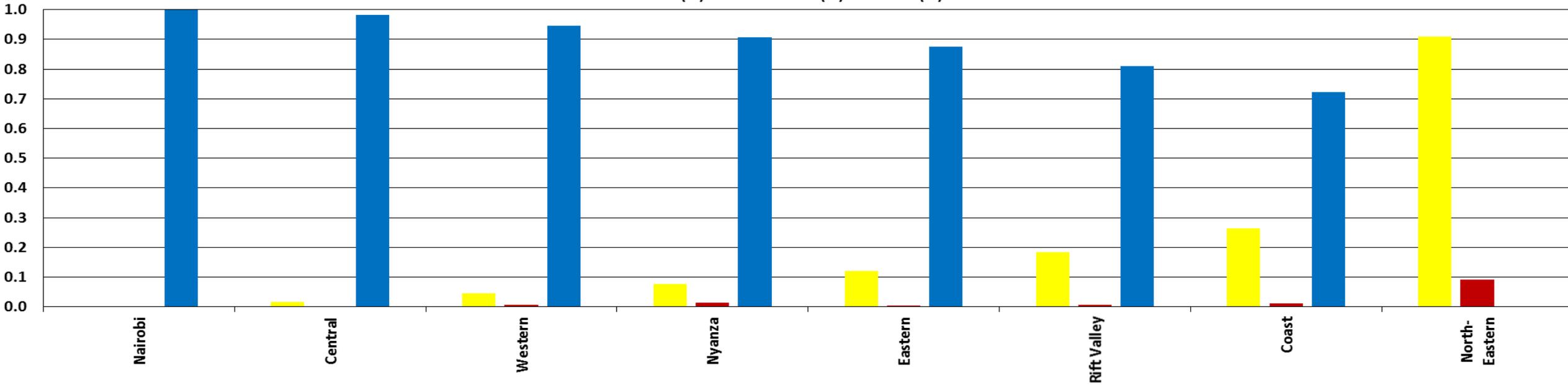
0 100 200 300 400 km



Share of electrification options in all Kenyan regions

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

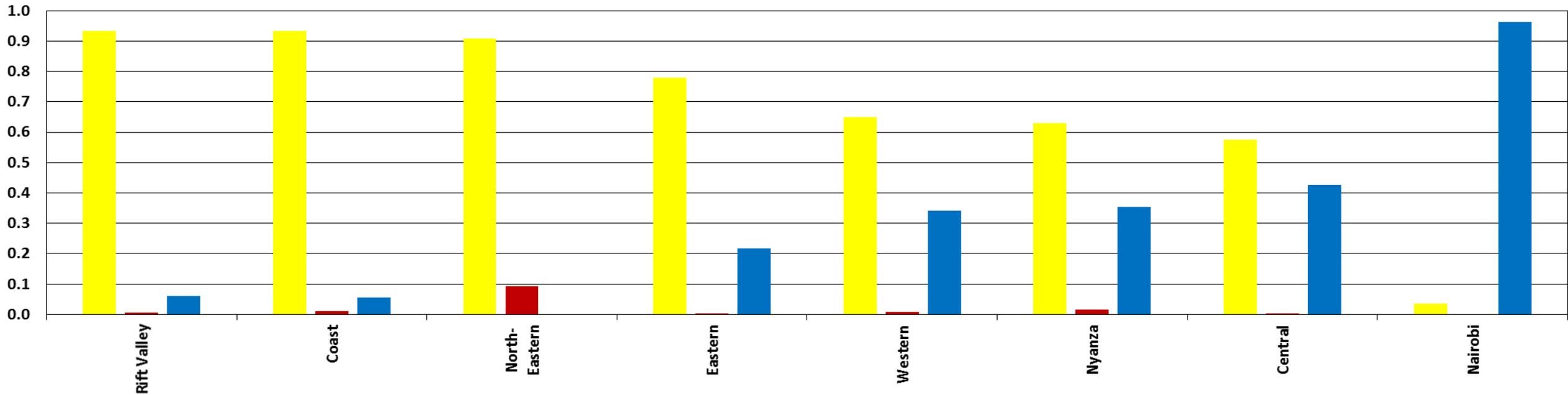
GridBuilt-GridDom



Share of electrification options in all Kenyan regions

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

GridBuilt-SHSDom



Electrification option in all Kenyan regions: GridPlanned-GridDom

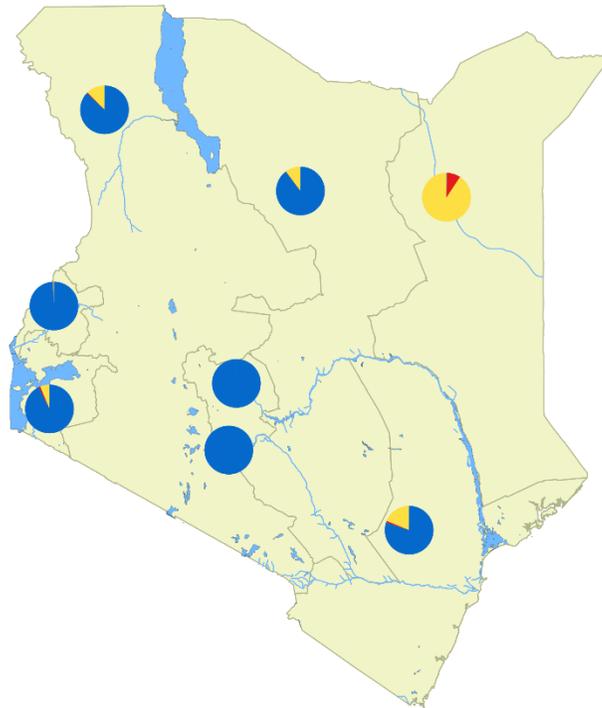
Electrification options of kenyan regions

Electrification option



River and Lake

0 100 200 300 400 km



Electrification options of kenyan regions

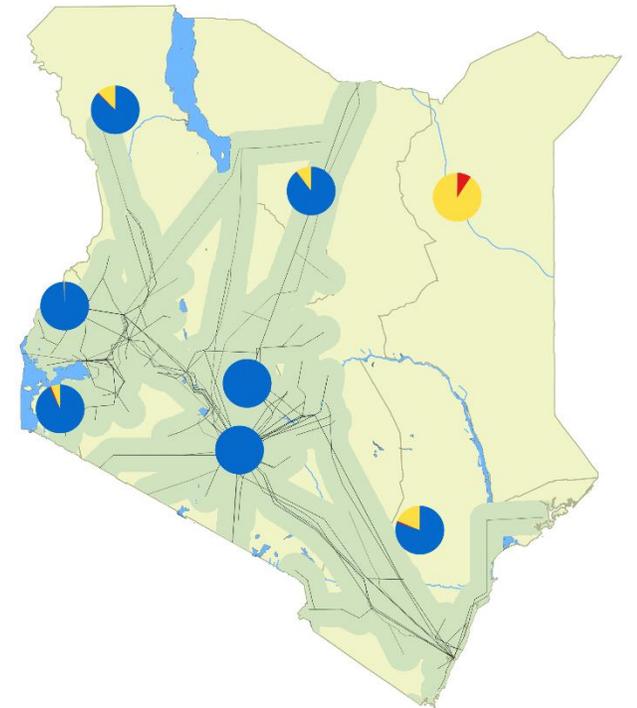
Electrification option



Grid Buffer (diameter)



0 100 200 300 400 km



Electrification option in all Kenyan regions: GridPlanned-SHSDom

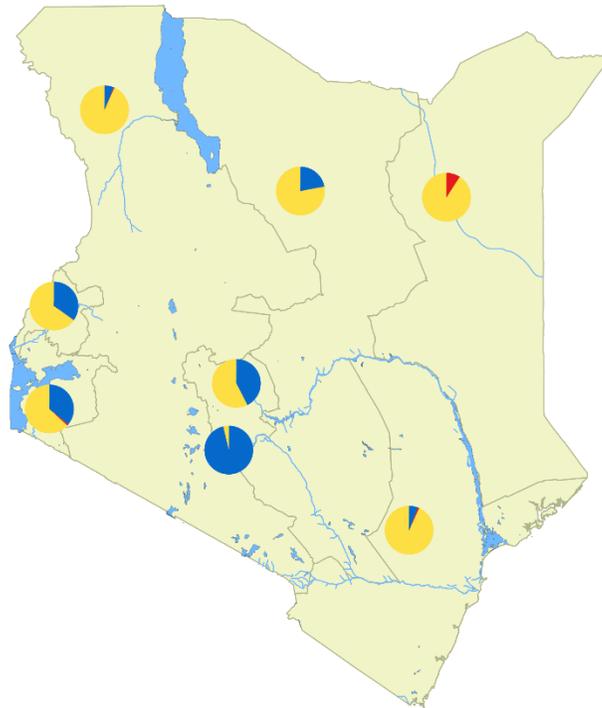
Electrification options of kenyan regions

Electrification option



River and Lake

0 100 200 300 400 km



Electrification options of kenyan regions

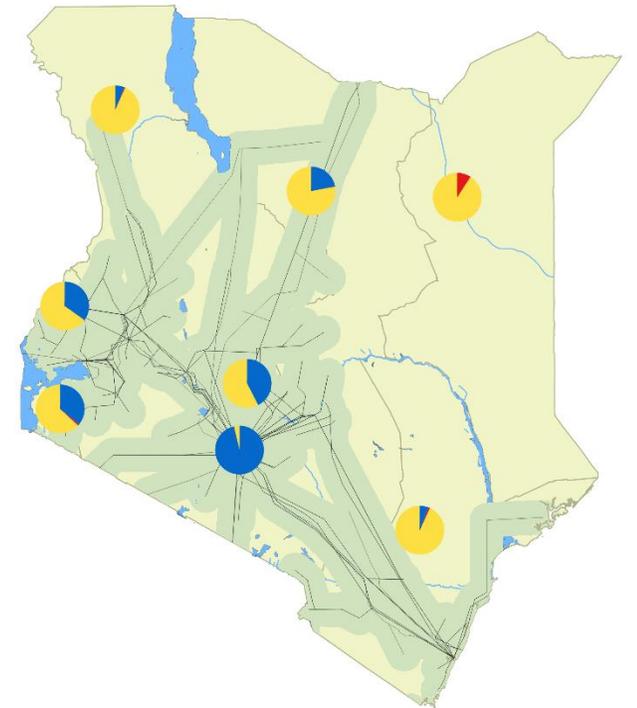
Electrification option



Grid Buffer (diameter)



0 100 200 300 400 km



Electrification option: GridPlanned-SHSDom

Electrification option: GridPlanned-GridDom

Electrification options of kenyan regions

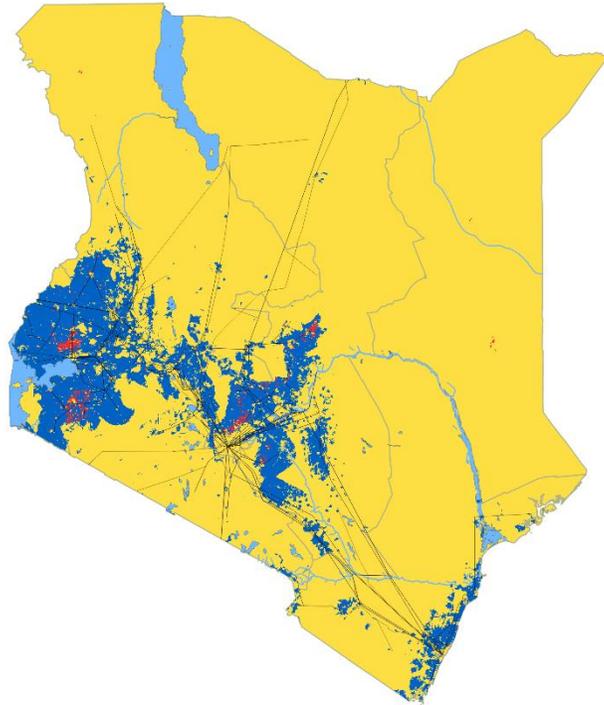
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

0 100 200 300 400 km



Electrification options of kenyan regions

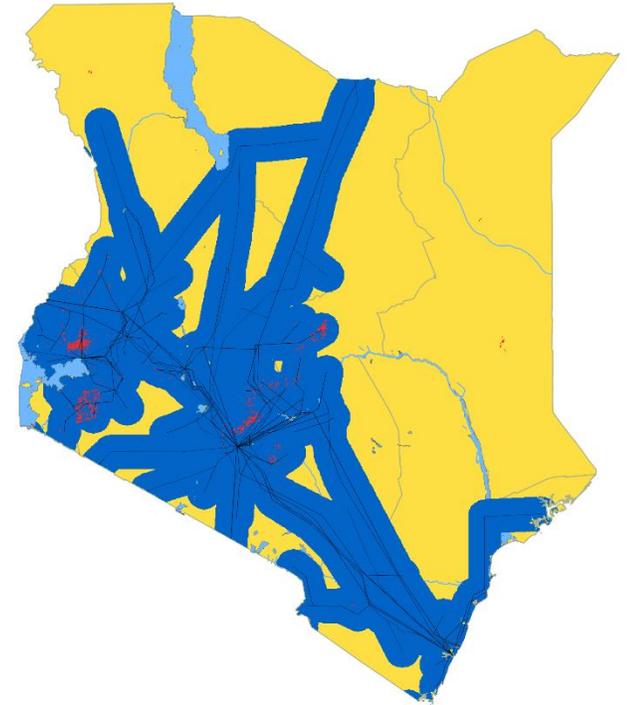
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

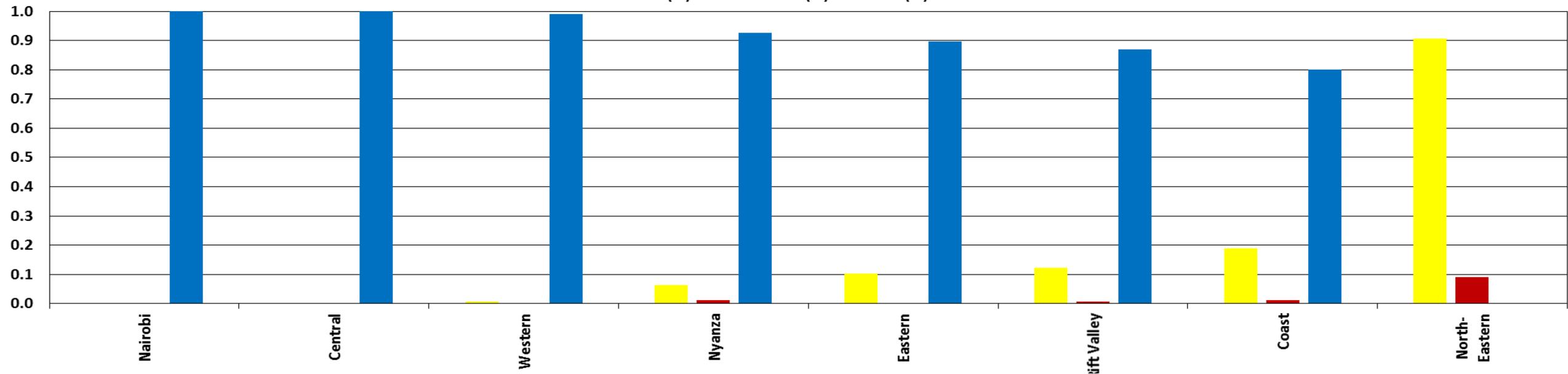
 River and Lake

0 100 200 300 400 km



Share of electrification options in all Kenyan regions

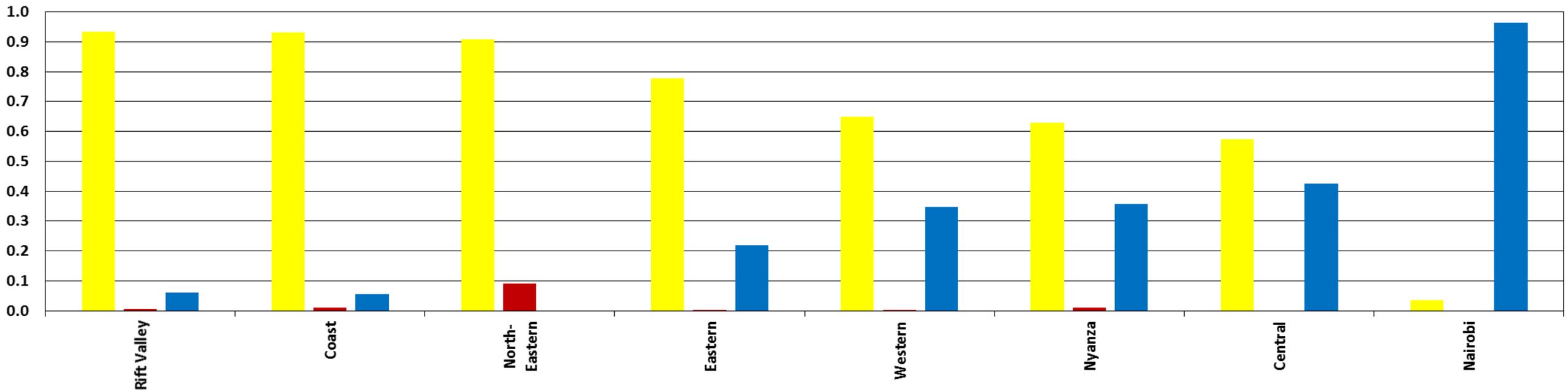
SHS (%) Mini-Grid (%) Grid (%)



GridPlanned-GridDom

Share of electrification options in all Kenyan regions

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



GridPlanned-SHSDom

Madagascar



Night light emission and Population of Malagasy regions

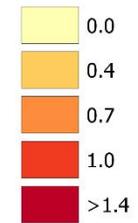
Night light emission in Madagascar

Detected night lights

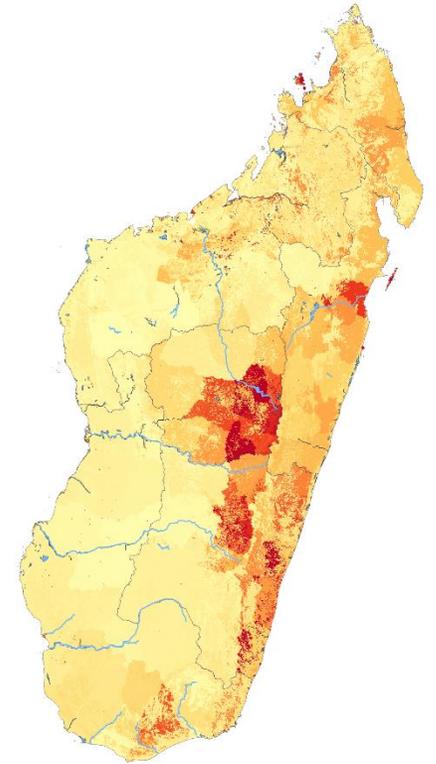
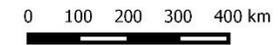


Population structure of Madagascar

Population density (people/750x750m²)



River and Lake



Electrification option in all Malagasy regions: GridBuilt-GridDom

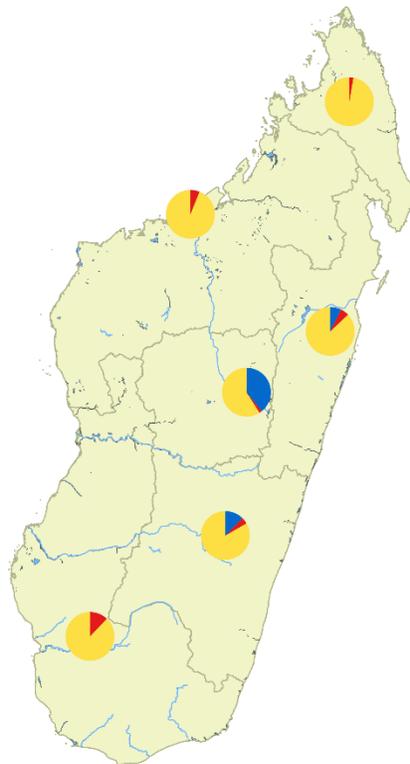
Electrification options of Malagasy regions

Electrification option



River and Lake

0 100 200 300 400 km



Electrification options of Malagasy regions

Electrification option



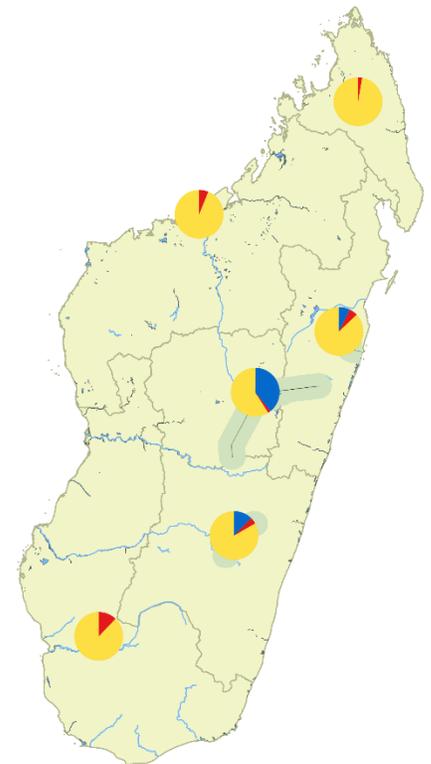
Grid Buffer (diamenter)

50 km

Power Grid

River and Lake

0 100 200 300 400 km



Electrification option in all Malagasy regions: GridBuilt-SHSDom

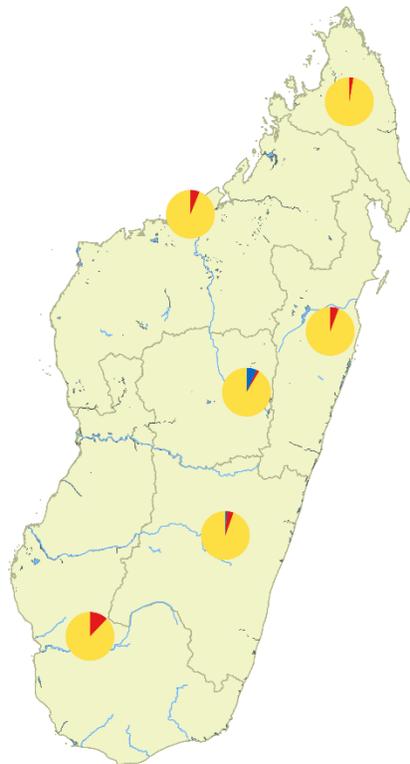
Electrification options of Malagasy regions

Electrification option



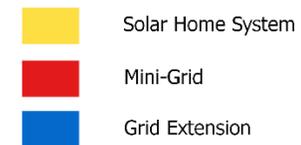
River and Lake

0 100 200 300 400 km



Electrification options of Malagasy regions

Electrification option



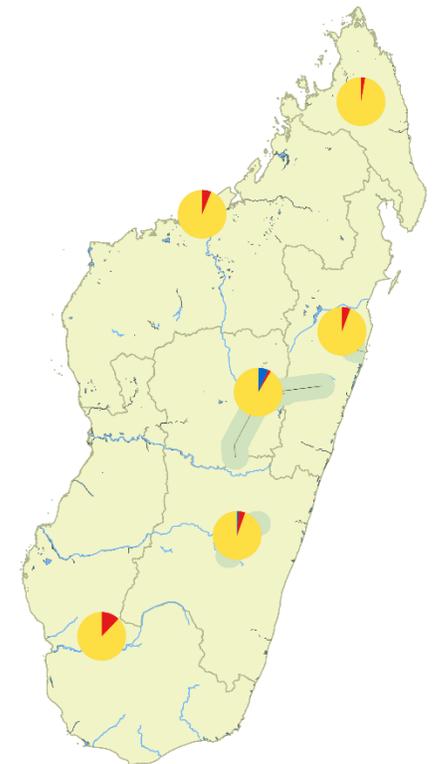
Grid Buffer (diamenter)

50 km

Power Grid

River and Lake

0 100 200 300 400 km



Electrification option: GridBuilt-SHSDom

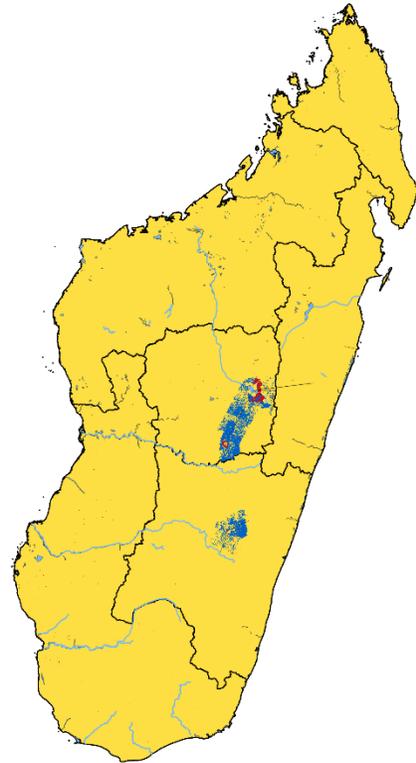
Electrification options of Malagasy regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

-  Power Grid
-  River and Lake

0 100 200 300 400 km



Electrification option: GridBuilt-GridDom

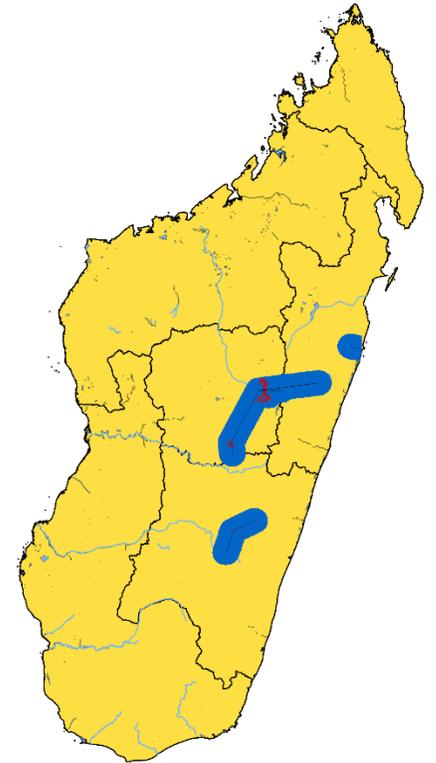
Electrification options of Malagasy regions

Electrification option

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-  Grid Extension

-  Power Grid
-  River and Lake

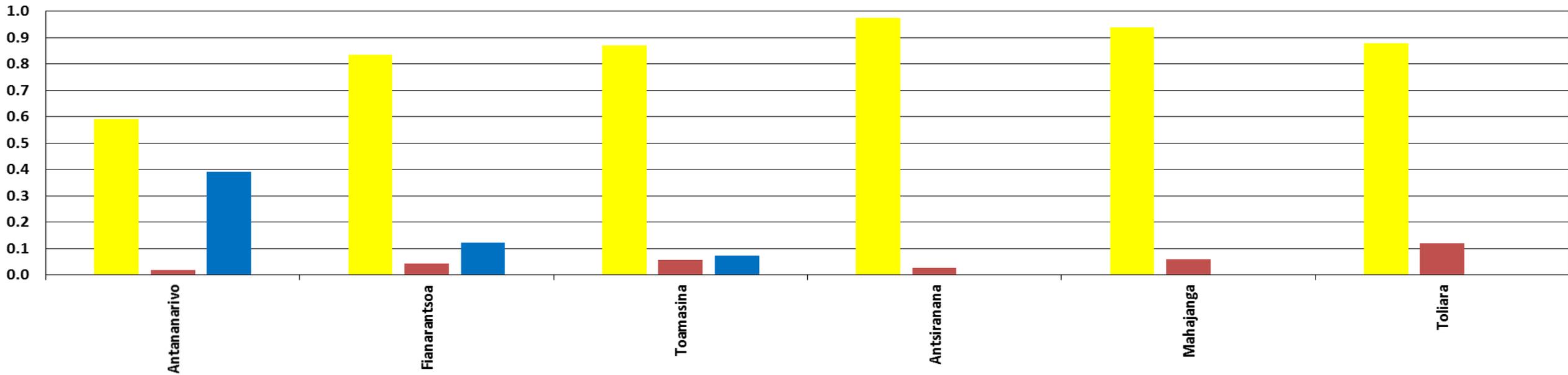
0 100 200 300 400 km



Share of electrification options in all Malagasy regions

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

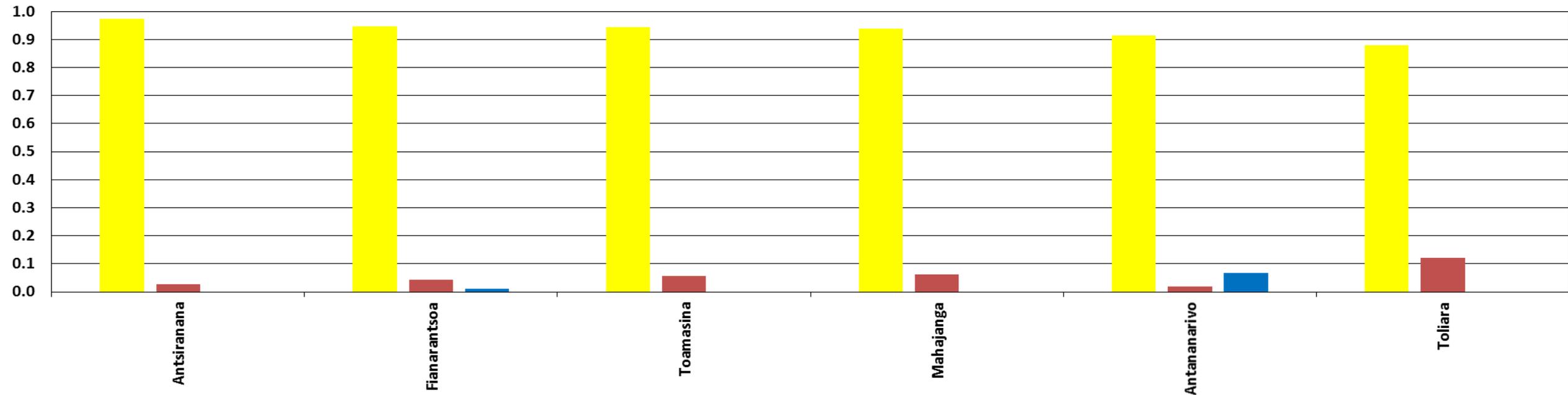
GridBuilt-GridDom



Share of electrification options in all Malagasy regions

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

GridBuilt-SHSDom



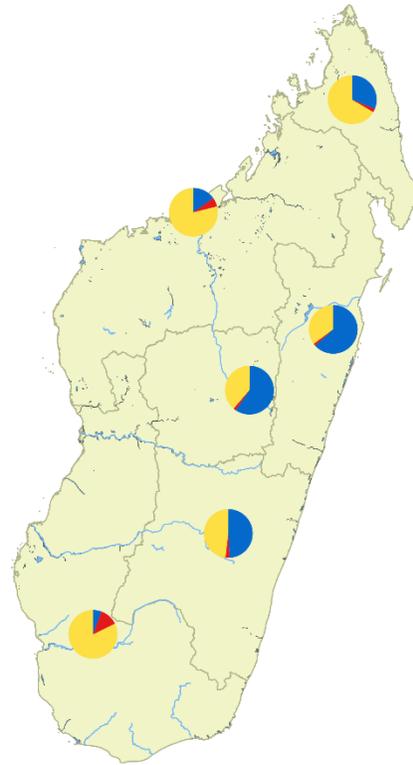
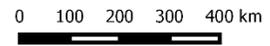
Electrification option in all Malagasy regions: GridPlanned-GridDom

Electrification options of Malagasy regions

Electrification option



River and Lake



Electrification options of Malagasy regions

Electrification option

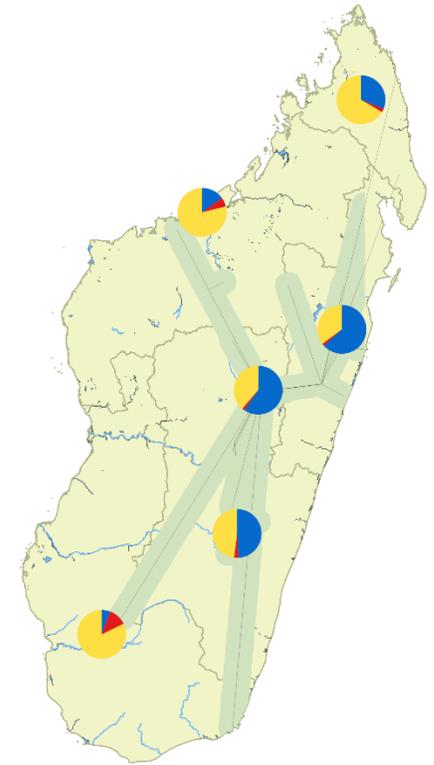
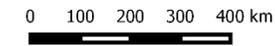
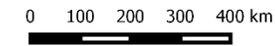


Grid Buffer (diamenter)

50 km

Power Grid

River and Lake



Electrification option in all Malagasy regions: GridPlanned-SHSDom

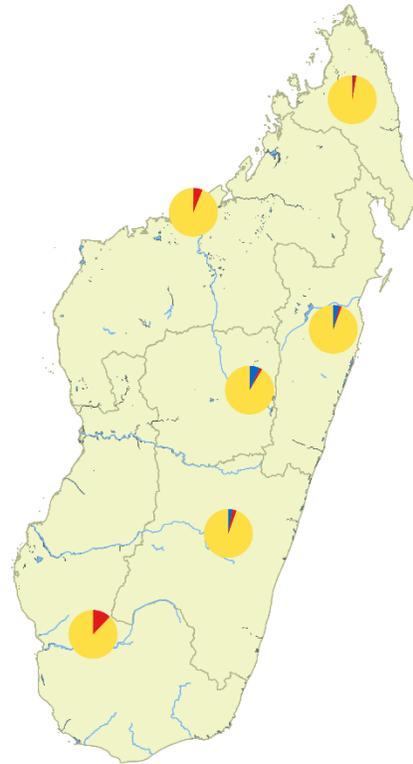
Electrification options of Malagasy regions

Electrification option



River and Lake

0 100 200 300 400 km



Electrification options of Malagasy regions

Electrification option



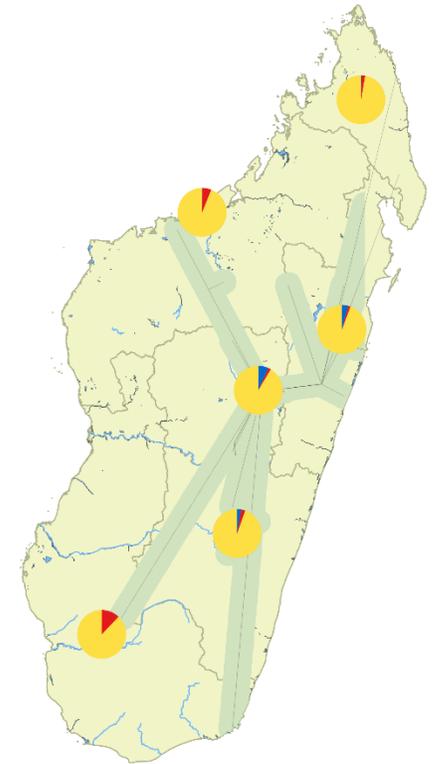
Grid Buffer (diameter)

50 km

Power Grid

River and Lake

0 100 200 300 400 km



Electrification option: GridPlanned-SHSDom

Electrification option: GridPlanned-GridDom

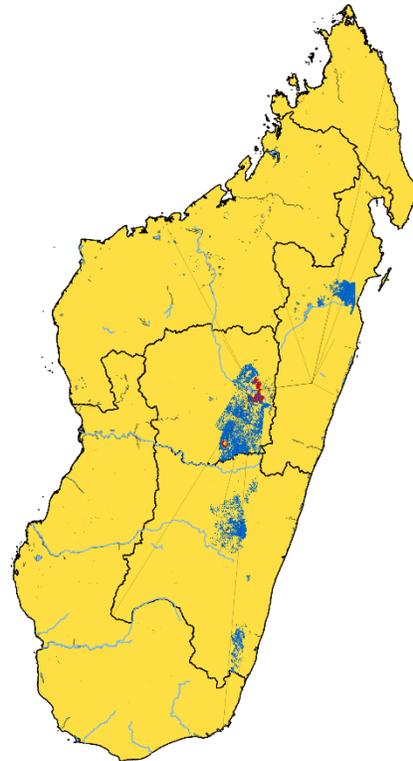
Electrification options of Malagasy regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

-  Power Grid
-  River and Lake

0 100 200 300 400 km



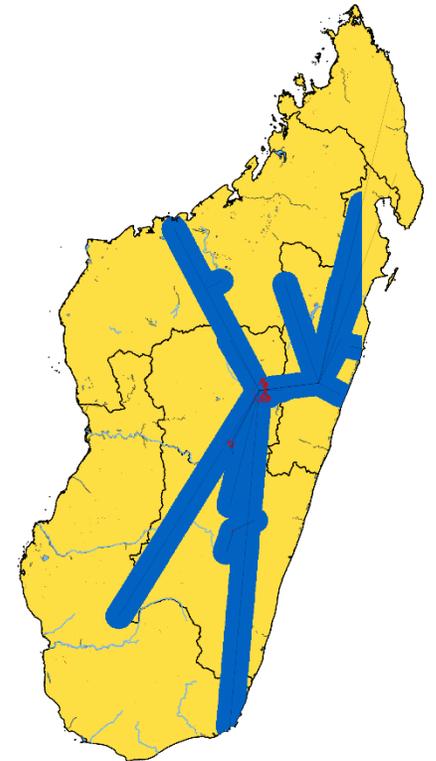
Electrification options of Malagasy regions

Electrification option

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-  Mini-Grid
-  Grid Extension

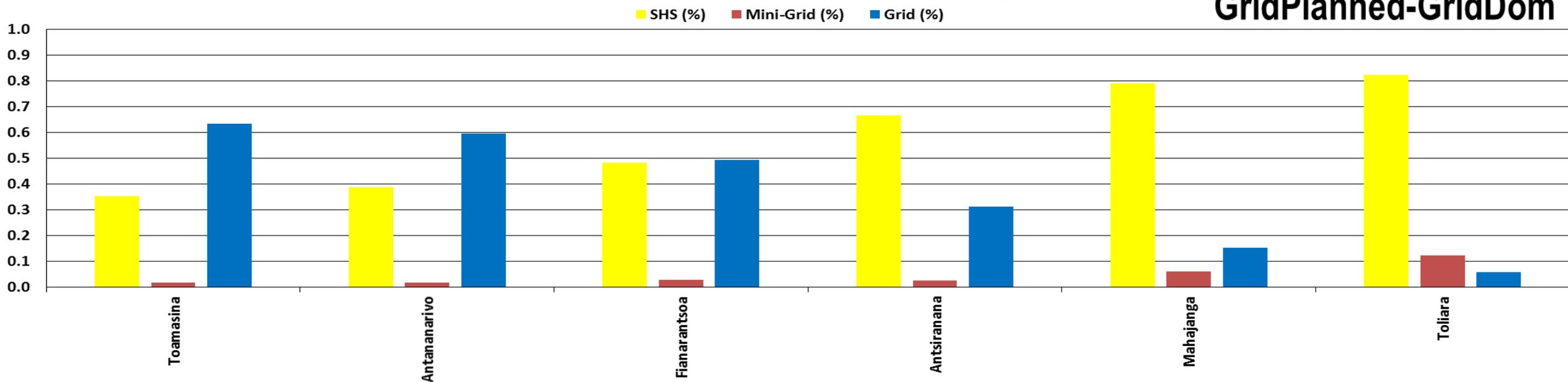
-  Power Grid
-  River and Lake

0 100 200 300 400 km



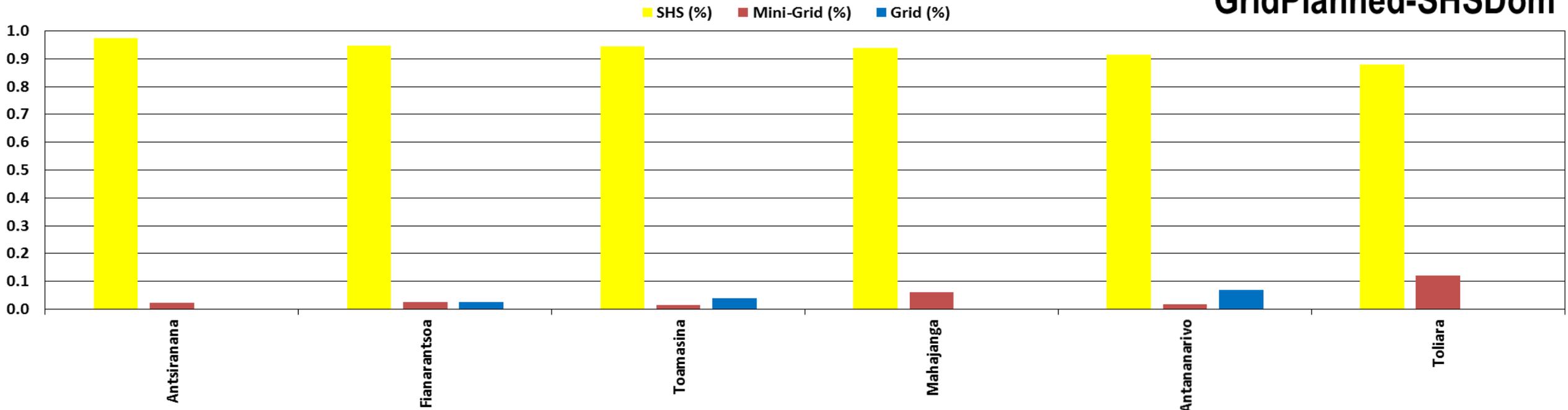
Share of electrification options in all Malagasy regions

GridPlanned-GridDom



Share of electrification options in all Malagasy regions

GridPlanned-SHSDom



Malawi



Night light emission and Population of Malawian regions

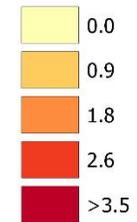
Night light emission in Malawi

Detected night lights

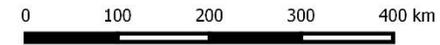
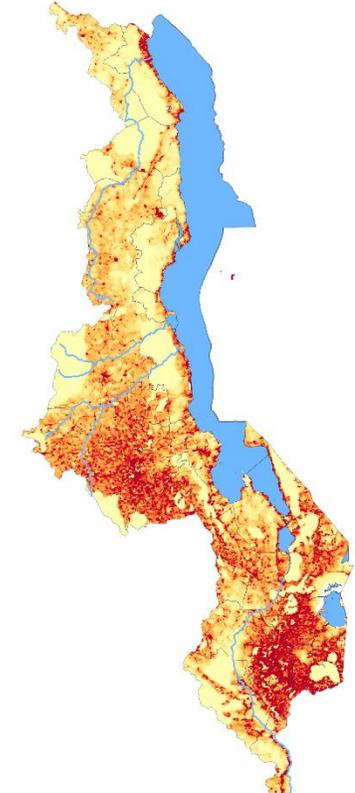


Population structure of Malawi

Population density (people/750x750m²)



River and Lake (blue)



Electrification option in all Malawian regions: GridBuilt-GridDom

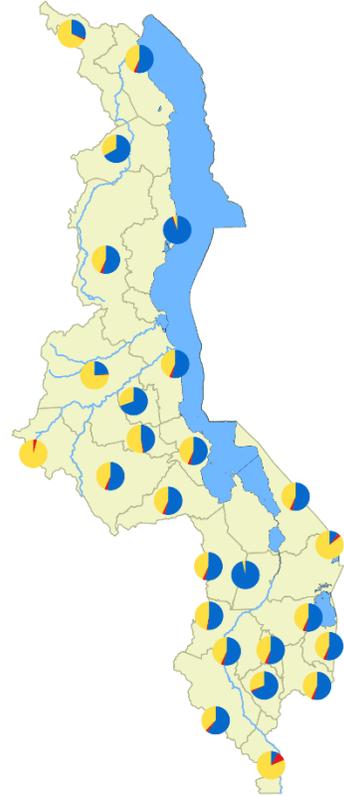
Electrification options of Malawian regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 100 200 300 400 km



Electrification options of Malawian regions

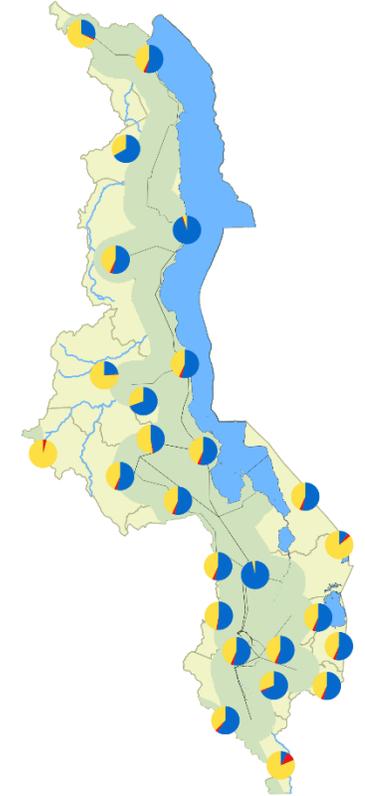
Electrification option

-  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 Malawian regions: GridBuilt-SHSDom

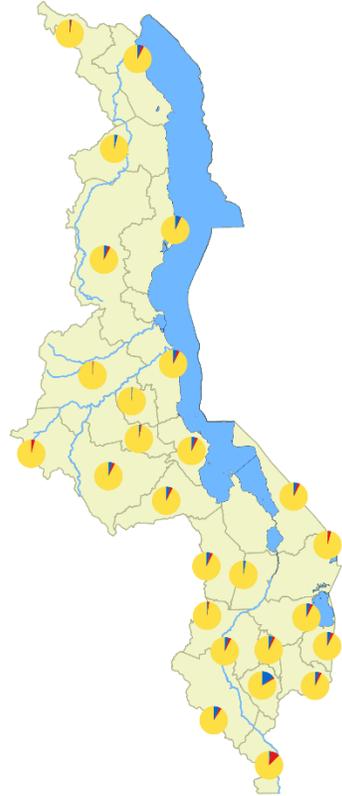
Electrification options of Malawian regions

Electrification option

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-  Grid Extension

 River and Lake

0 100 200 300 400 km



Electrification options of Malawian regions

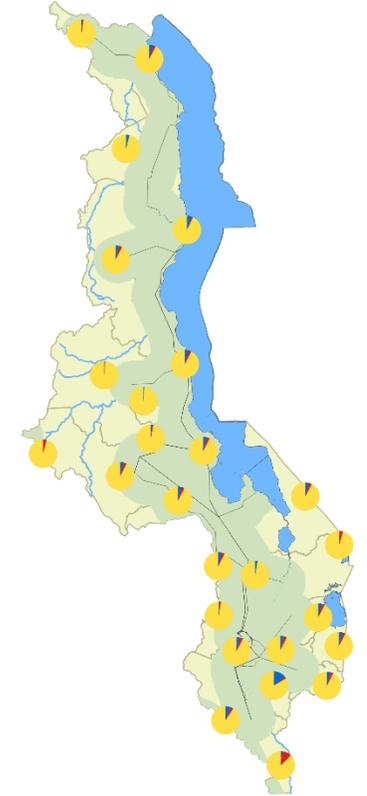
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Electrification option: GridBuilt-SHSDom

Electrification options of Malawian regions

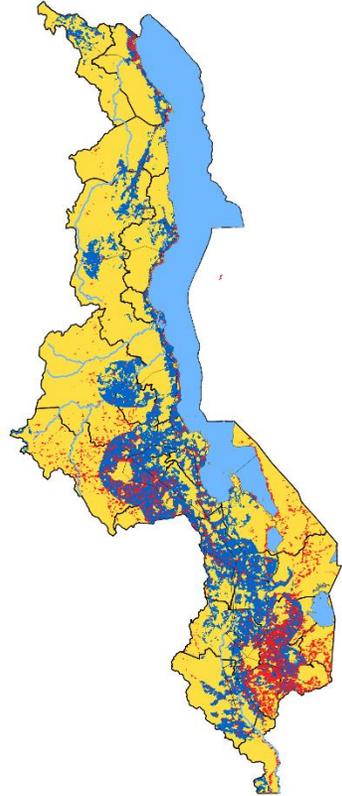
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 Power Grid

 River and Lake

0 100 200 300 400 km



Electrification option: GridBuilt-GridDom

Electrification options of Malawian regions

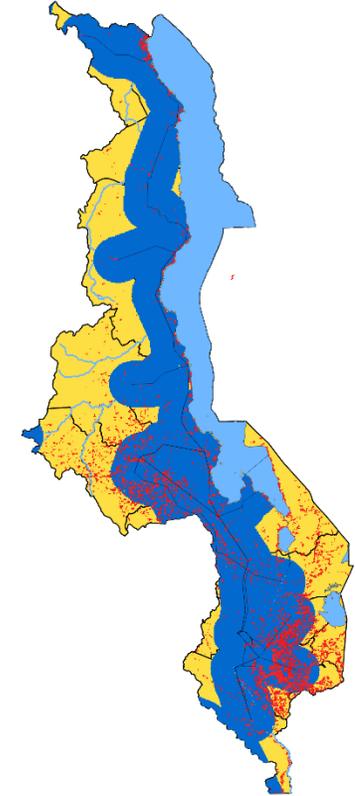
Electrification option

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 Power Grid

 River and Lake

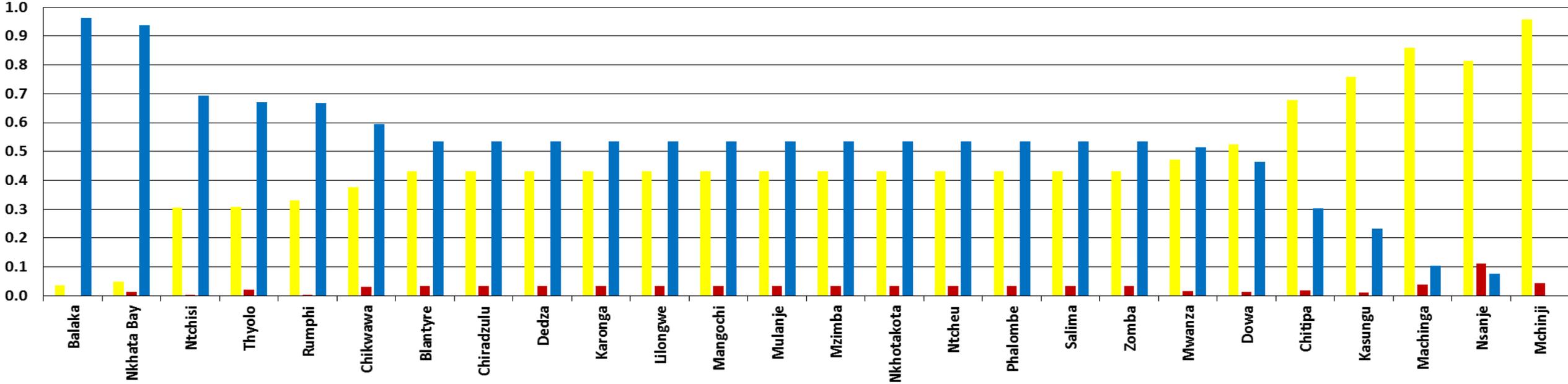
0 100 200 300 400 km



Share of electrification options in all Malawian regions

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

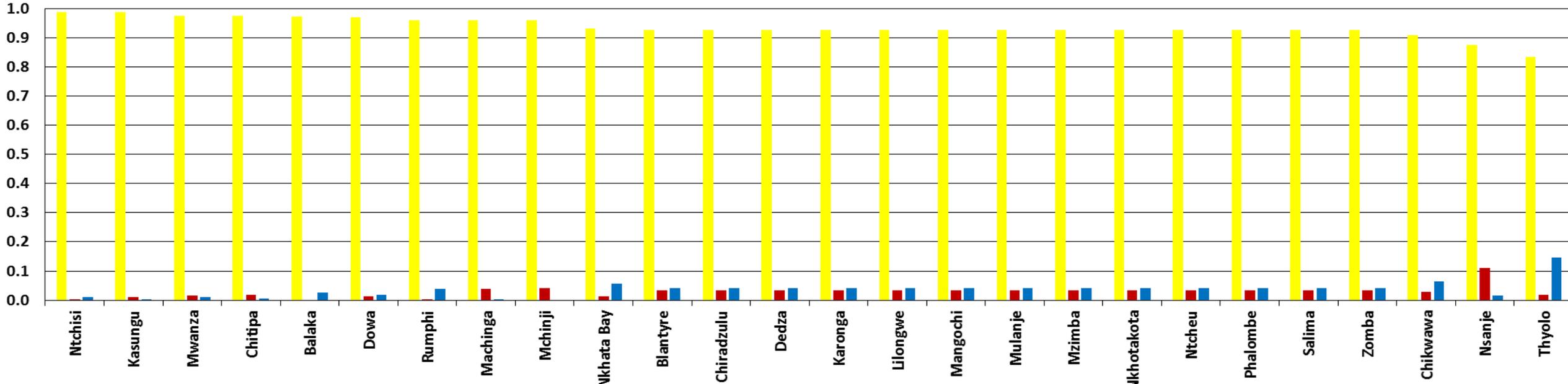
GridBuilt-GridDom



Share of electrification options in all Malawian regions

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

GridBuilt-SHSDom



Electrification option in all Malawian regions: GridPlanned-GridDom

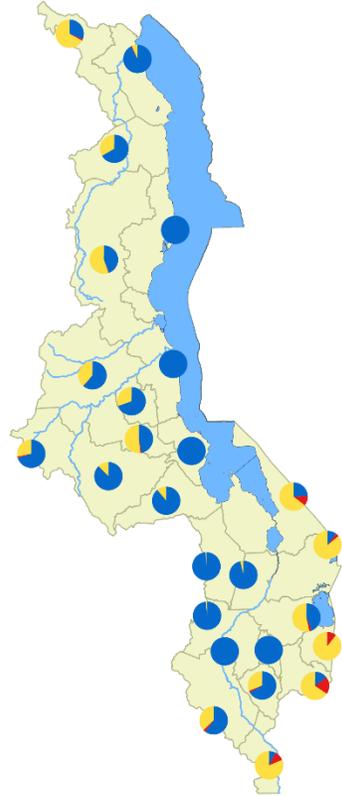
Electrification options of Malawian regions

Electrification option

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-  Mini-Grid
-  Grid Extension

 River and Lake

0 100 200 300 400 km



Electrification options of Malawian regions

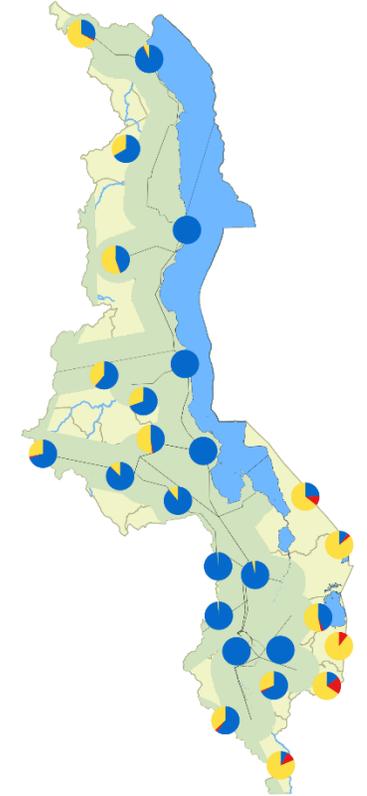
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Grid Buffer (diameter)

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0 100 200 300 400 km



Electrification option in all Malawian regions: GridPlanned-SHSDom

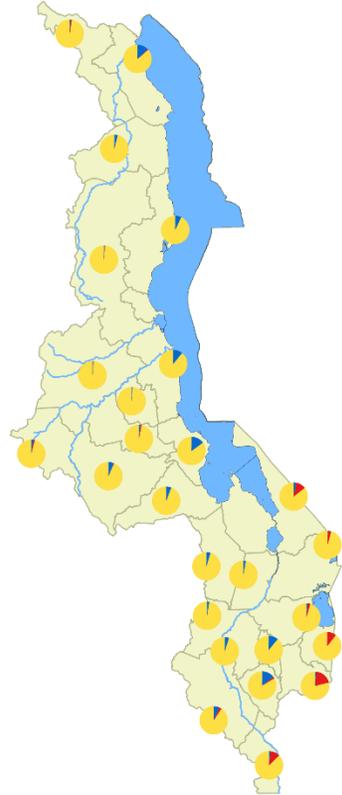
Electrification options of Malawian regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 100 200 300 400 km



Electrification options of Malawian regions

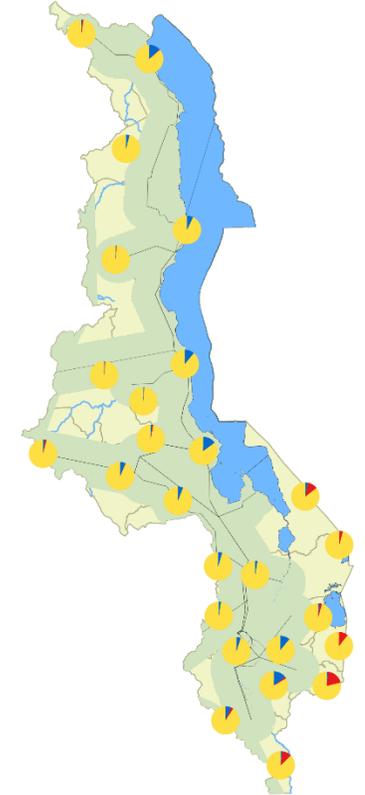
Electrification option

-  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: GridPlanned-SHSDom

Electrification option: GridPlanned-GridDom

Electrification options of Malawian regions

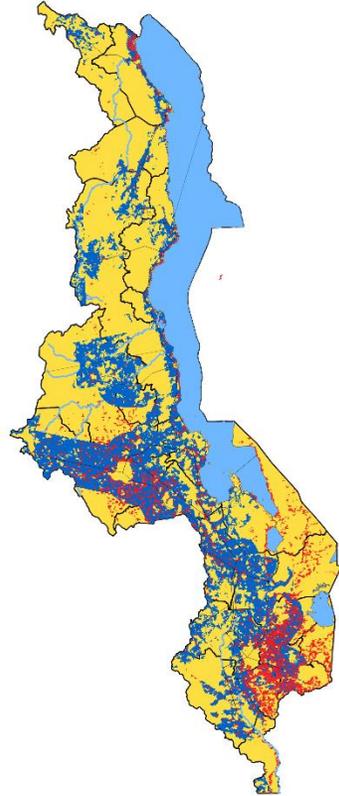
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

0 100 200 300 400 km



Electrification options of Malawian regions

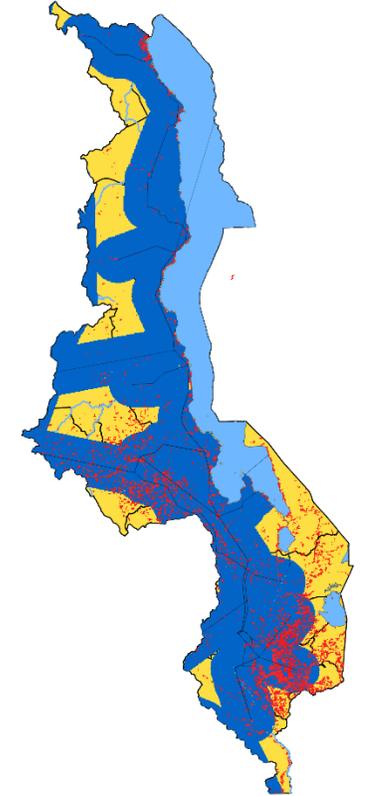
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

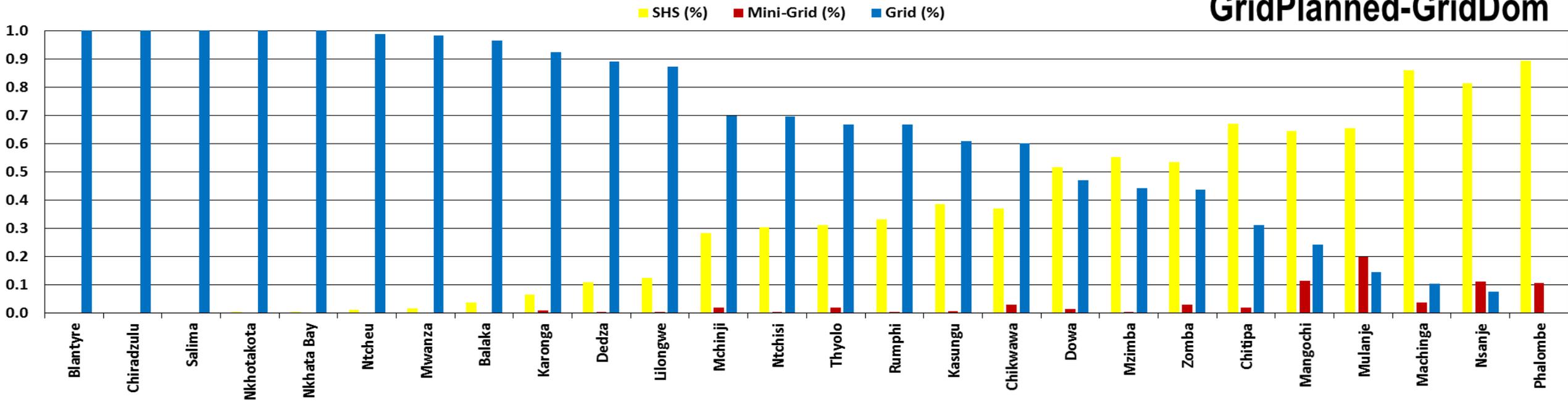
 River and Lake

0 100 200 300 400 km



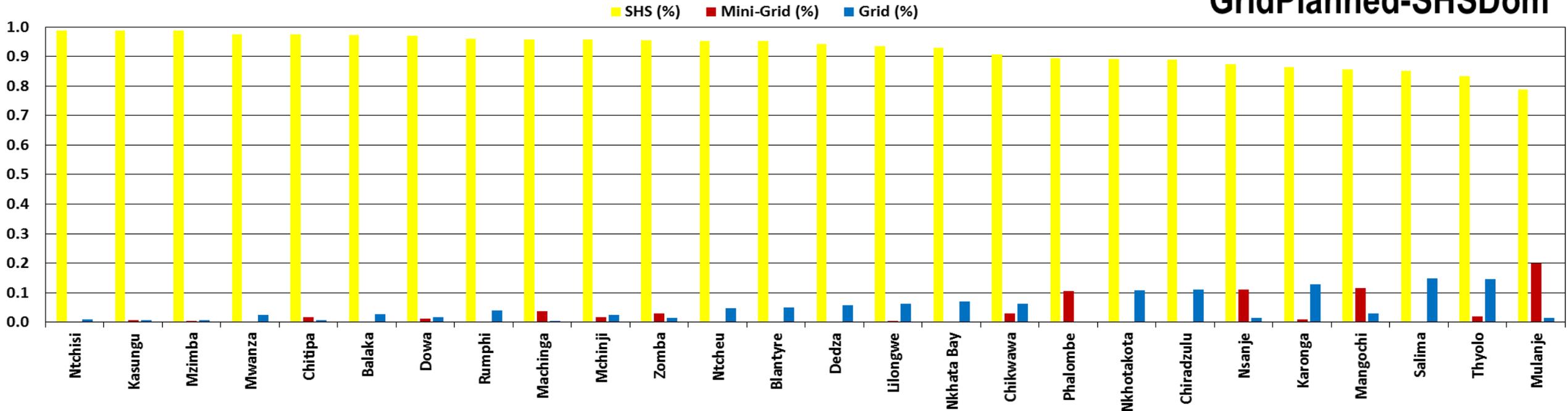
Share of electrification options in all Malawian regions

GridPlanned-GridDom



Share of electrification options in all Malawian regions

GridPlanned-SHSDom



Mozambique



Night light emission and Population of Mozambican regions

Night light emission in Mozambique

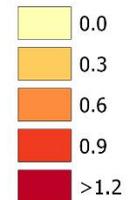
Detected night lights



0 250 500 750 1000 km

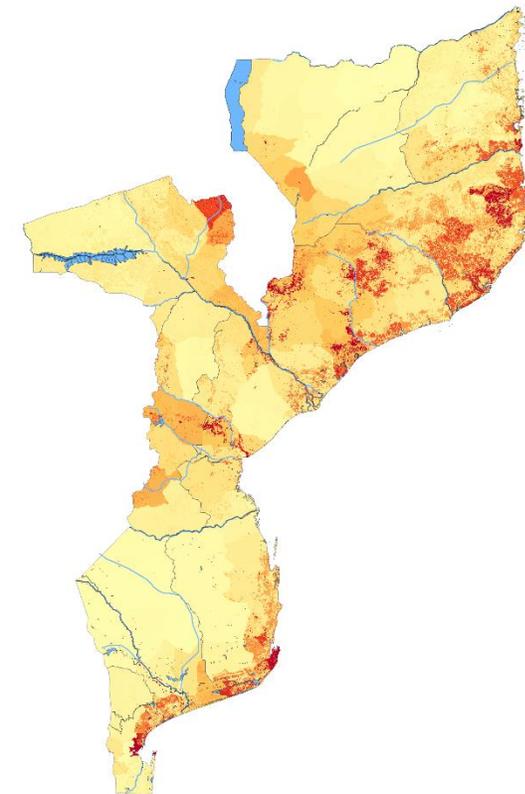
Population structure of Mozambique

Population density (people/750x750m²)



River and Lake

0 250 500 750 1000 km



Electrification option in all Mozambican regions: GridBuilt-GridDom

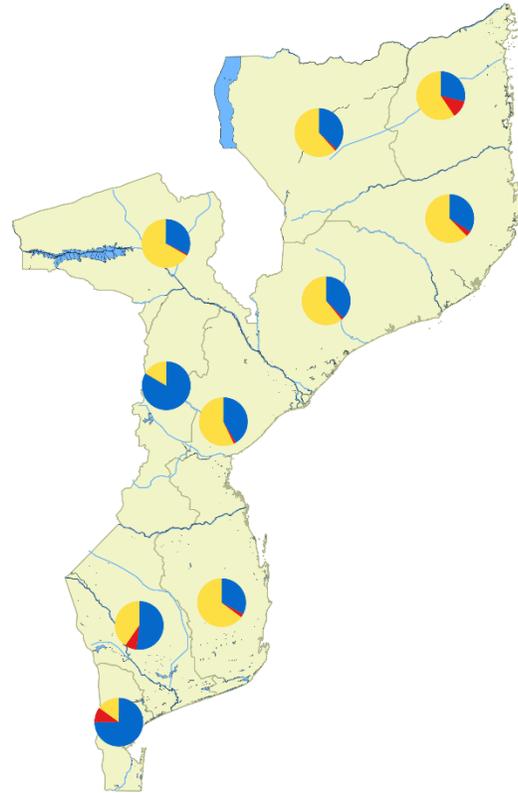
Electrification options of Mozambican regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 250 500 750 1000 km



Electrification options of Mozambican regions

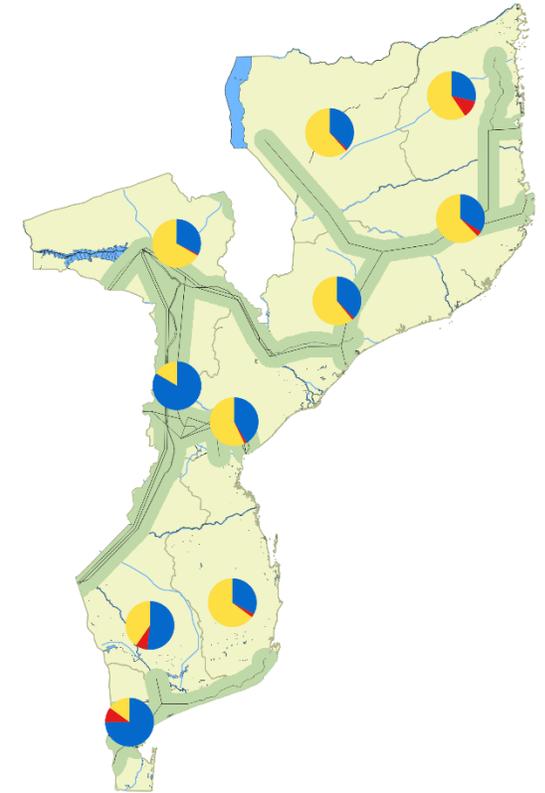
Electrification option

-  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 Mozambican regions: GridBuilt-SHSDom

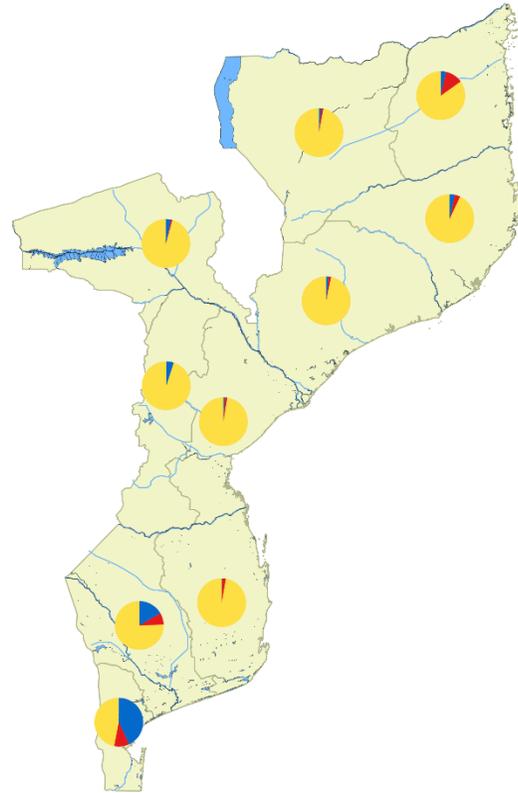
Electrification options of Mozambican regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 250 500 750 1000 km



Electrification options of Mozambican regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

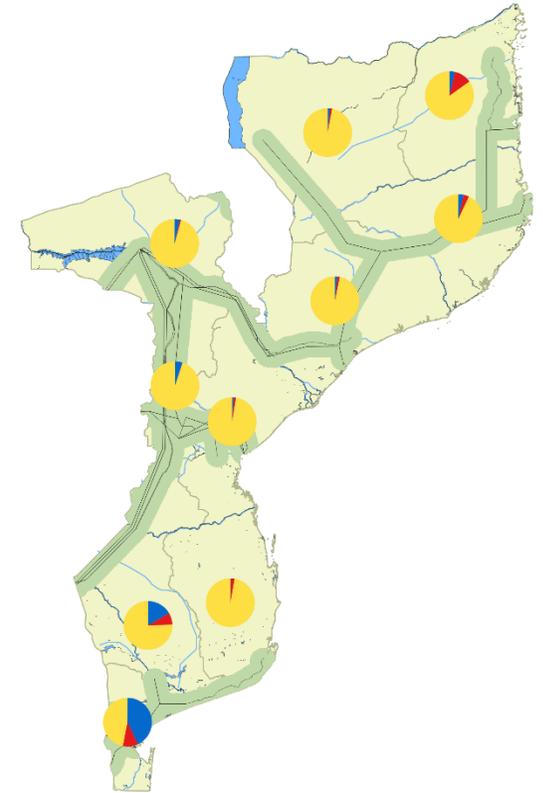
Grid Buffer (diameter)

 50 km

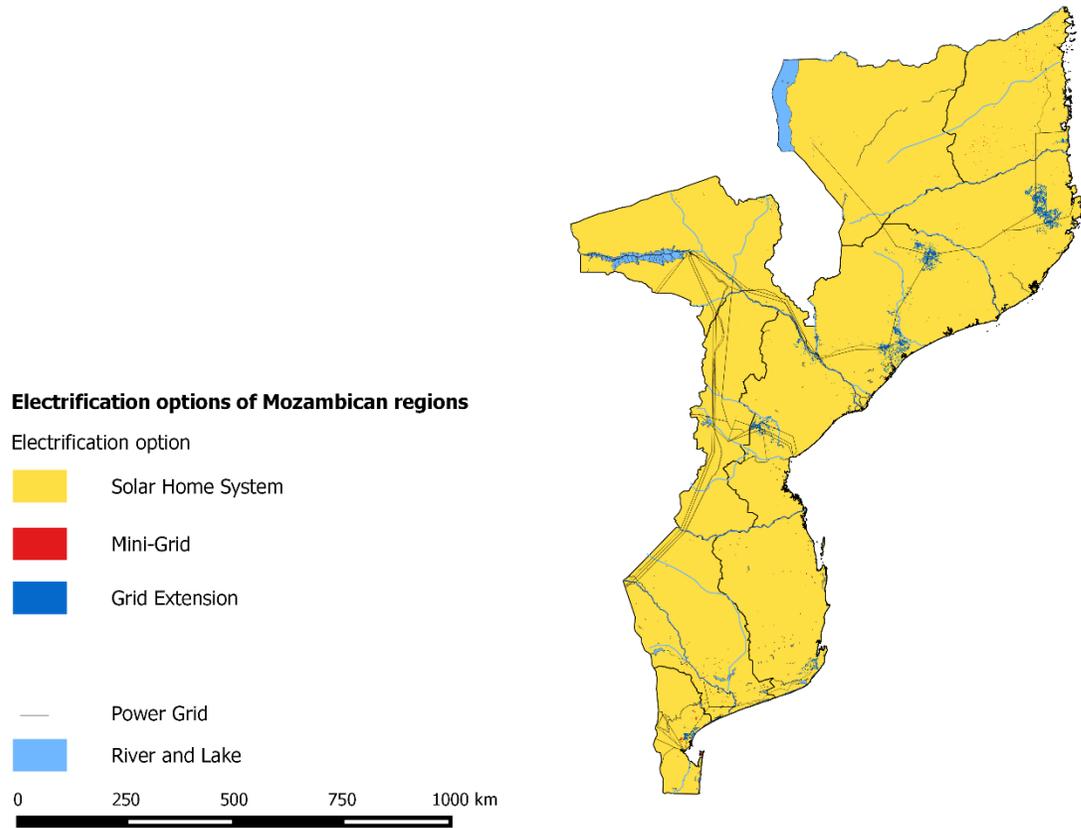
 Power Grid

 River and Lake

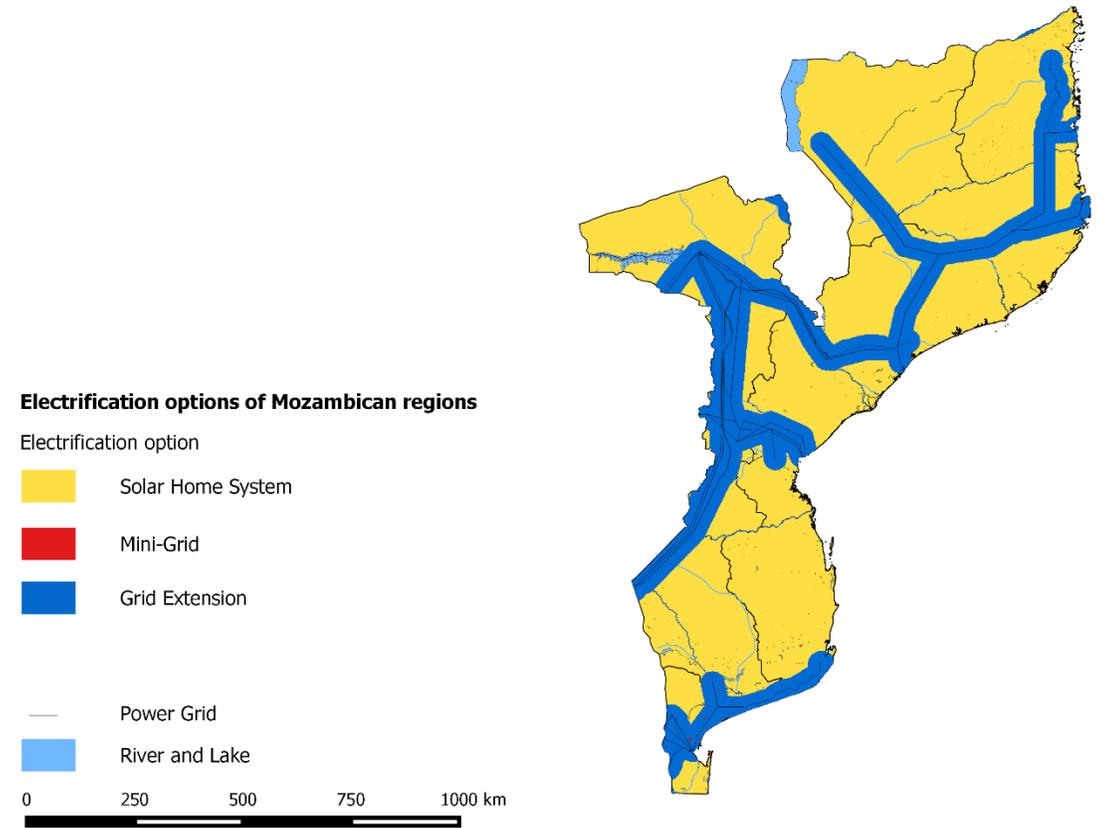
0 250 500 750 1000 km



Electrification option: GridBuilt-SHSDom



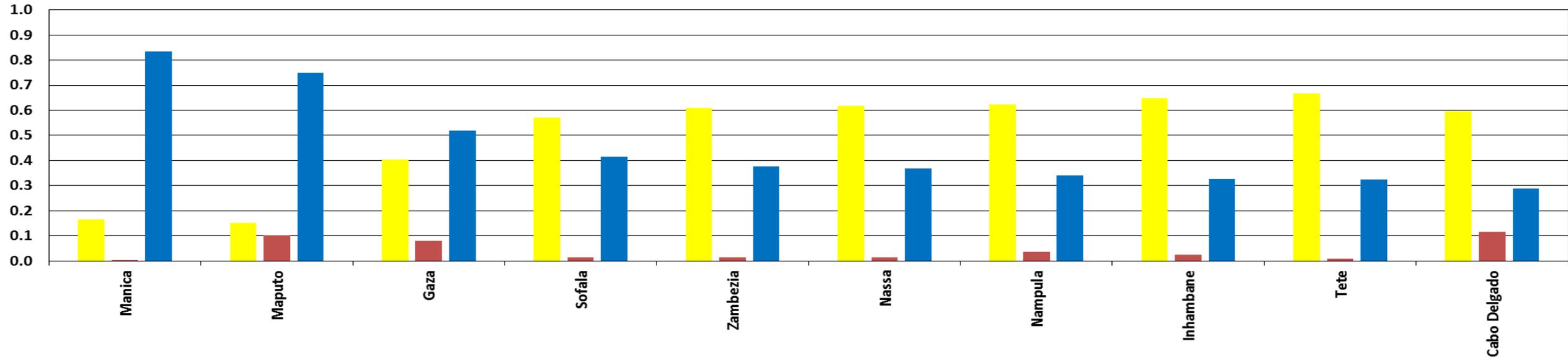
Electrification option: GridBuilt-GridDom



Share of electrification options in all Mozambican regions

GridBuilt-GridDom

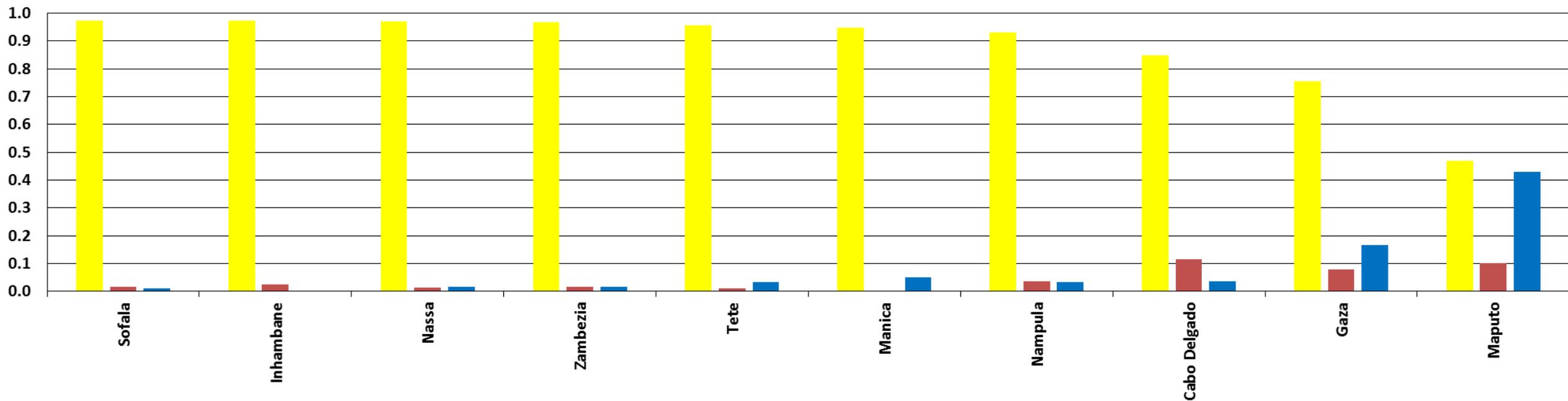
SHS (%) Mini-Grid (%) Grid (%)



Share of electrification options in all Mozambican regions

GridBuilt-SHSDom

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



Electrification option in all Mozambican regions: GridPlanned-GridDom

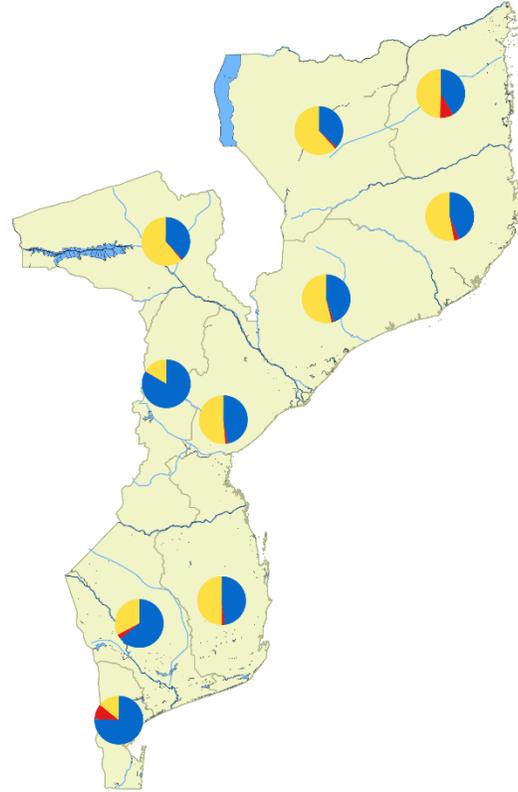
Electrification options of Mozambican regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 250 500 750 1000 km



Electrification options of Mozambican regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

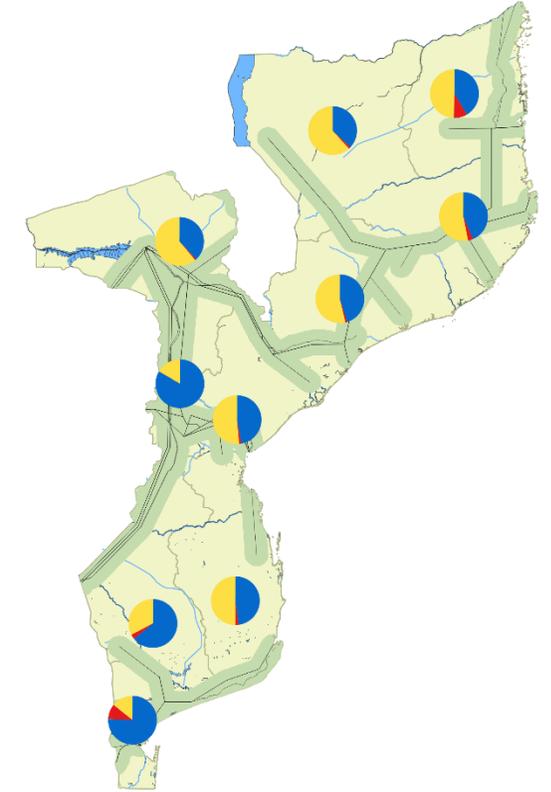
Grid Buffer (diameter)

 50 km

 Power Grid

 River and Lake

0 250 500 750 1000 km



Electrification option in all Mozambican regions: GridPlanned-SHSDom

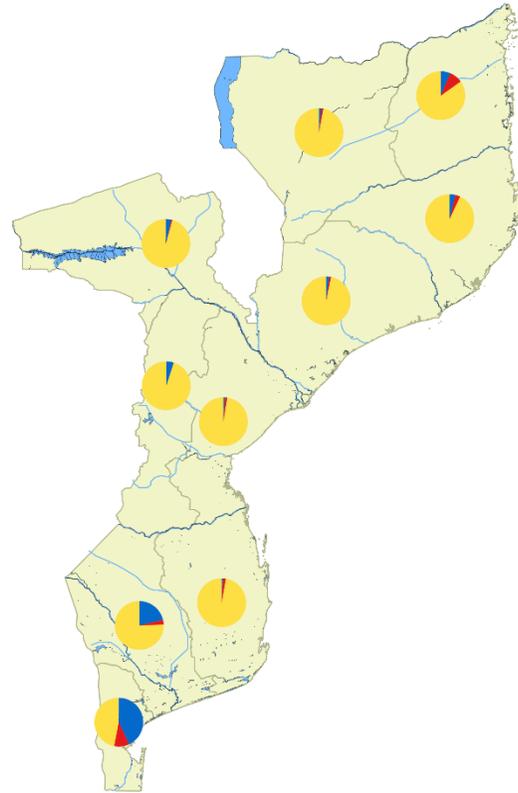
Electrification options of Mozambican regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 250 500 750 1000 km



Electrification options of Mozambican regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

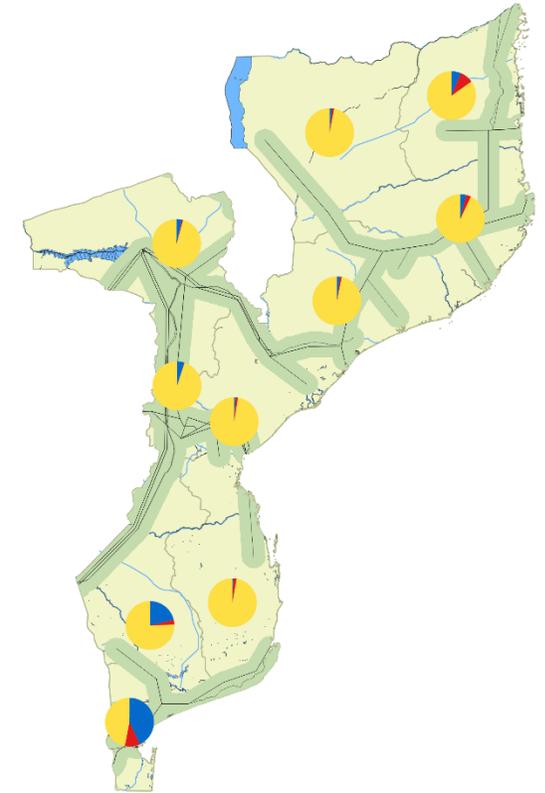
Grid Buffer (diameter)

 50 km

 Power Grid

 River and Lake

0 250 500 750 1000 km



Electrification option: GridPlanned-SHSDom

Electrification option: GridPlanned-GridDom

Electrification options of Mozambican regions

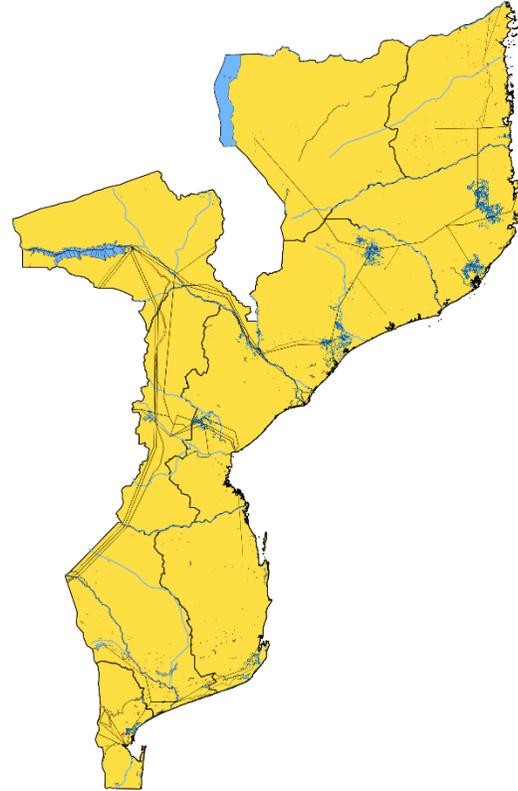
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

0 250 500 750 1000 km



Electrification options of Mozambican regions

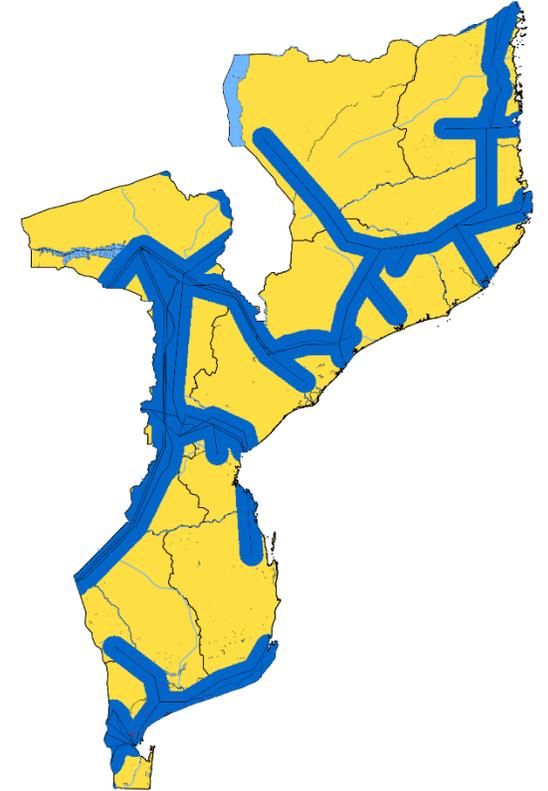
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

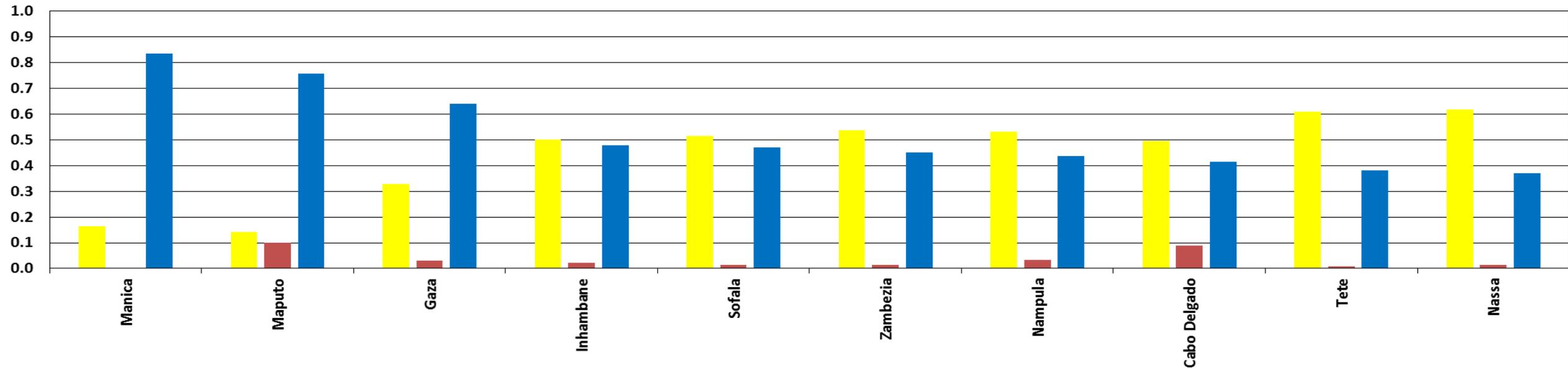
0 250 500 750 1000 km



Share of electrification options in all Mozambican regions

GridPlanned-GridDom

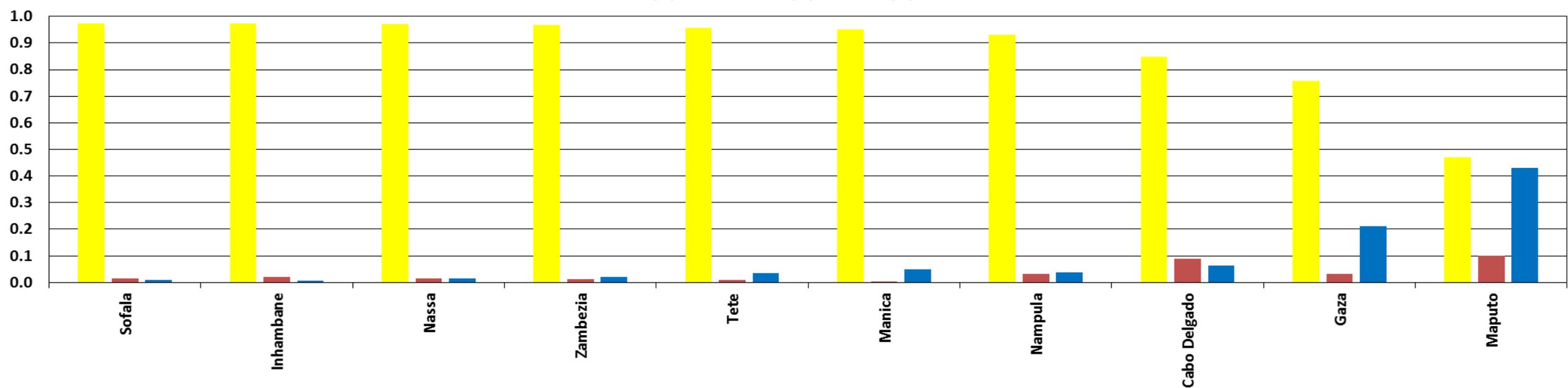
SHS (%) Mini-Grid (%) Grid (%)



Share of electrification options in all Mozambican regions

GridPlanned-SHSDom

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



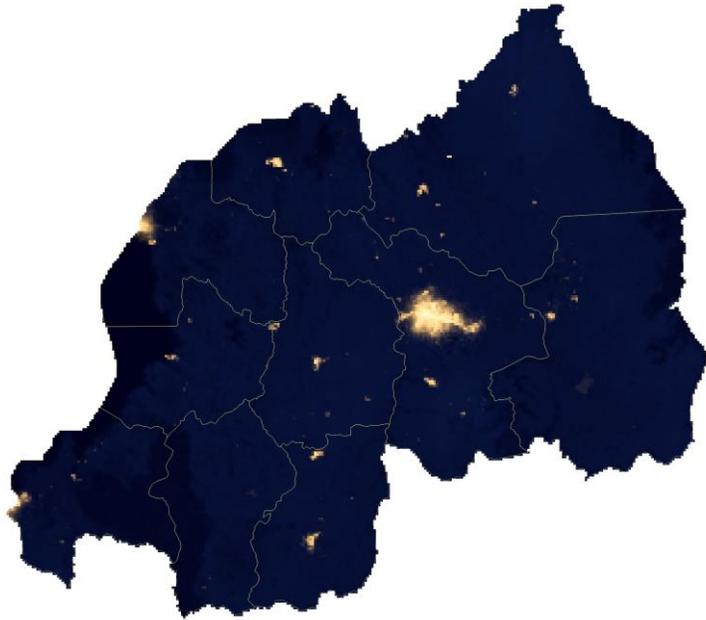
Rwanda



Night light emission and Population of Rwandan regions

Night light emission in Rwanda

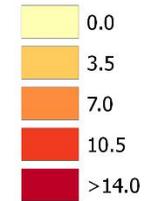
Detected night lights



0 25 50 75 100 km

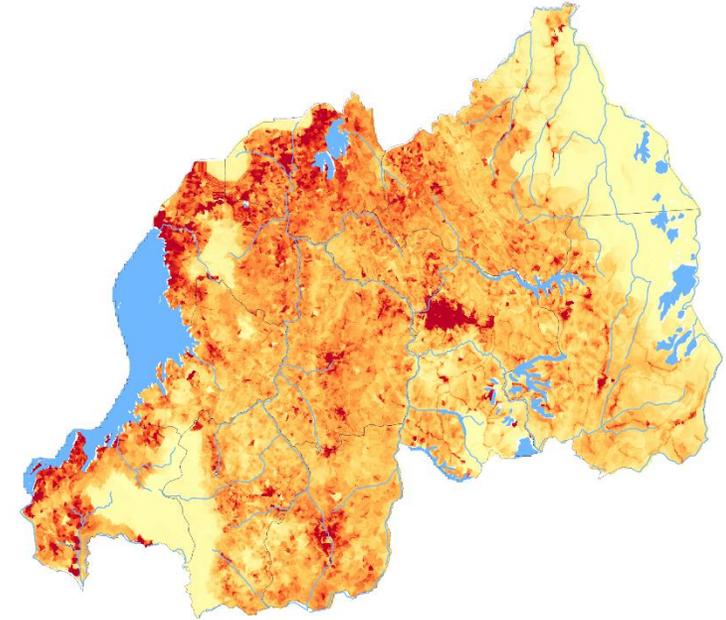
Population structure of Rwanda

Population density (people/750x750m²)



River and Lake

0 25 50 75 100 km



Electrification option in all Rwandan regions: GridBuilt-GridDom

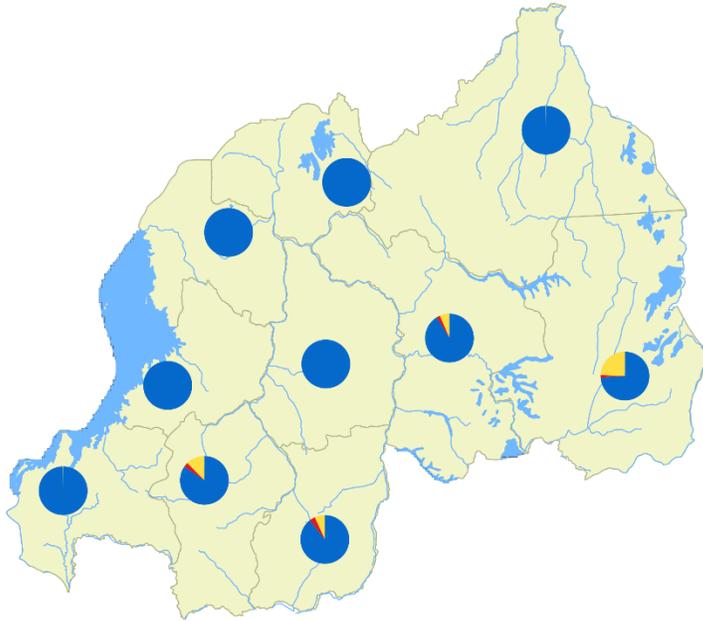
Electrification options of Rwandan regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 25 50 75 100 km



Electrification options of Rwandan regions

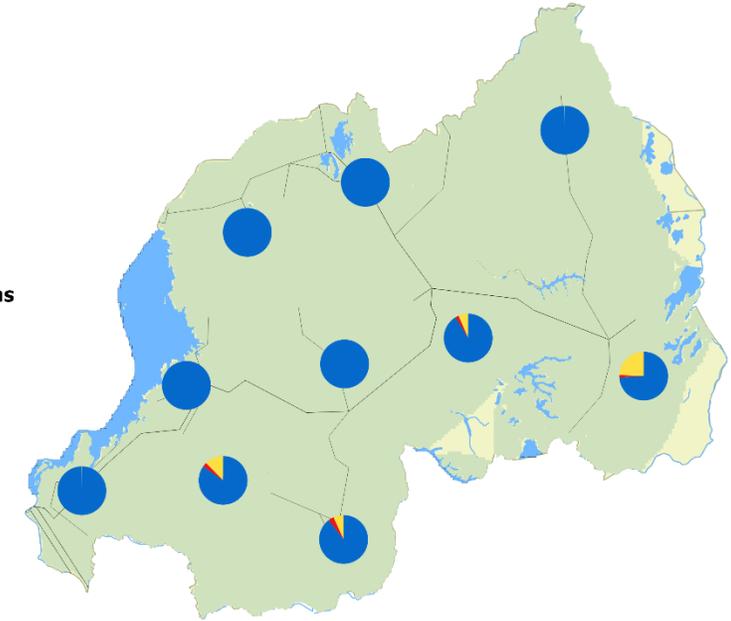
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

Grid Buffer (diameter)

-  50 km
-  Power Grid
-  River and Lake

0 25 50 75 100 km



Electrification option in all Rwandan regions: GridBuilt-SHSDom

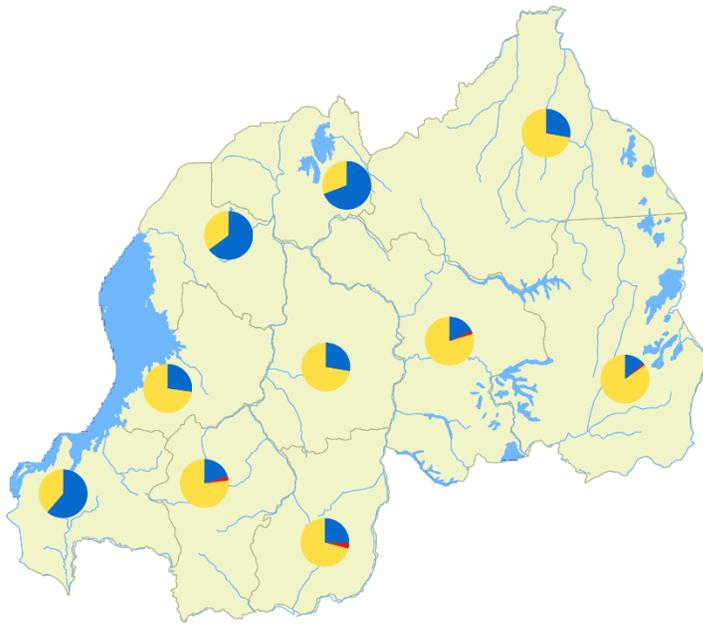
Electrification options of Rwandan regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 25 50 75 100 km



Electrification options of Rwandan regions

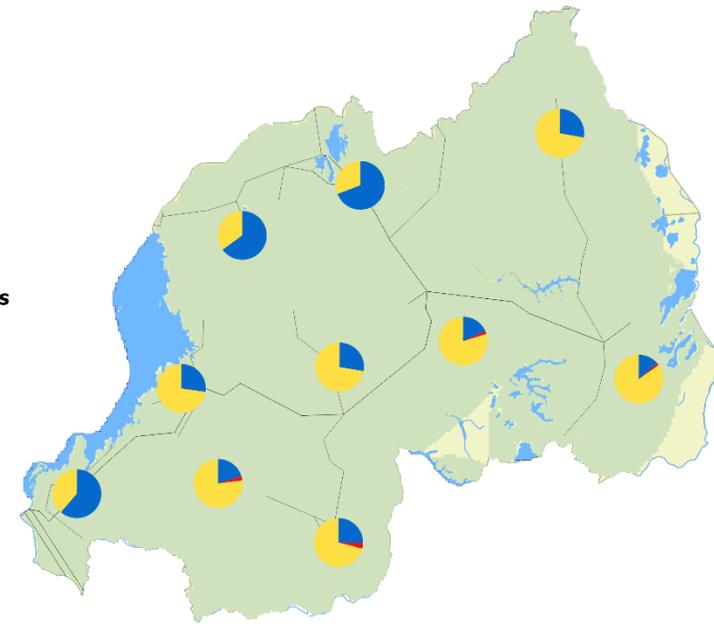
Electrification option

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-  Power Grid
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Electrification option: GridBuilt-SHSDom

Electrification option: GridBuilt-GridDom

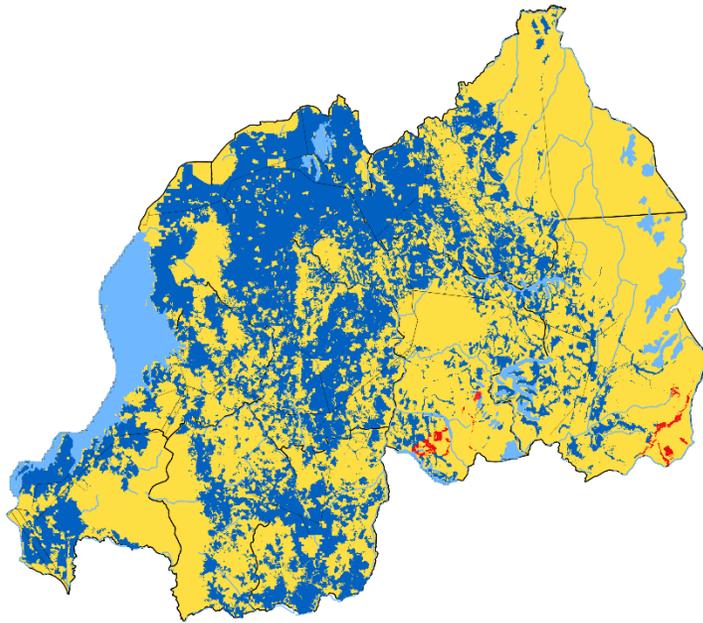
Electrification options of Rwandan regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

-  Power Grid
-  River and Lake

0 25 50 75 100 km



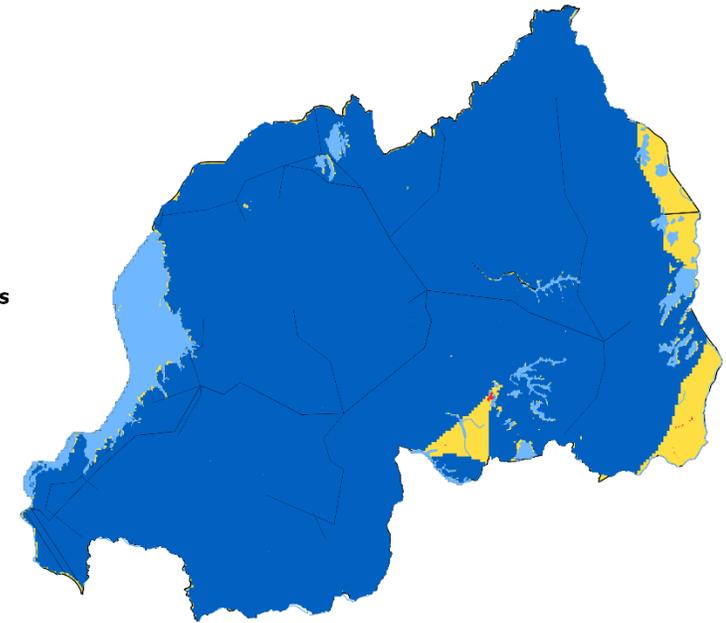
Electrification options of Rwandan regions

Electrification option

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-  Mini-Grid
-  Grid Extension

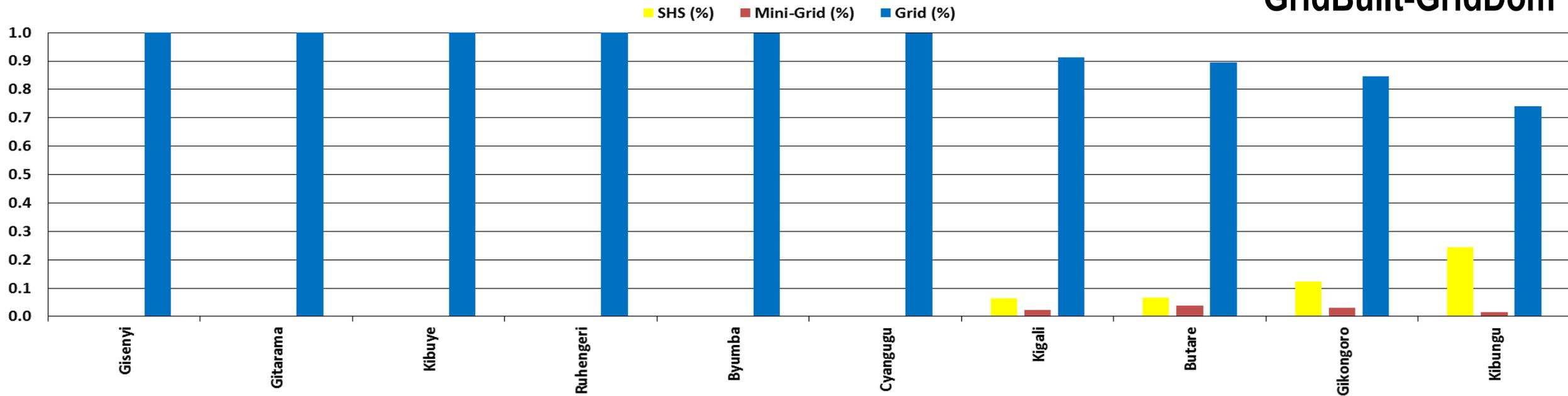
-  Power Grid
-  River and Lake

0 25 50 75 100 km



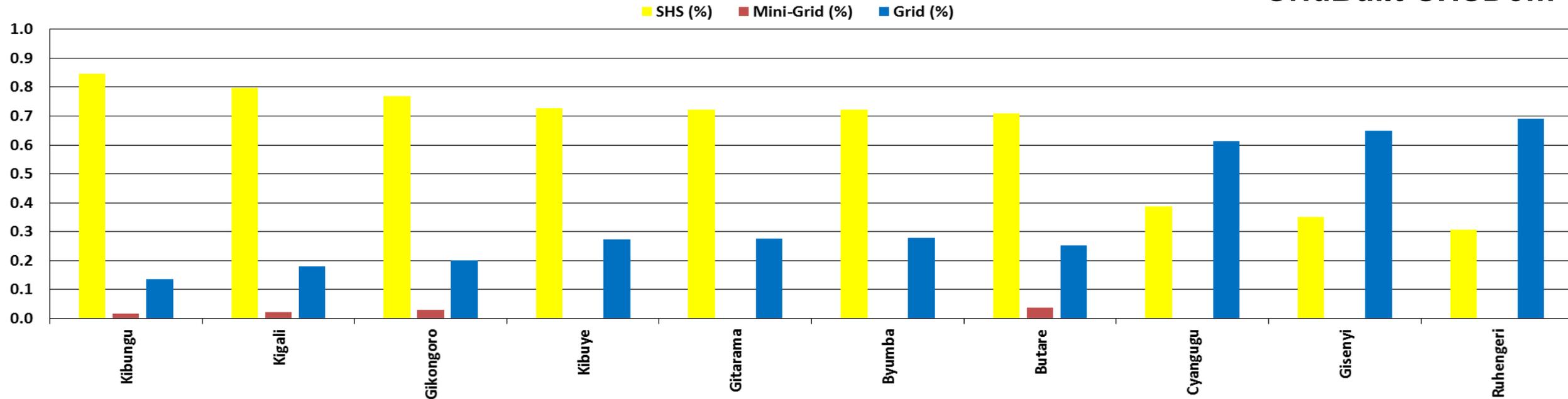
Share of electrification options in all Rwandan regions

GridBuilt-GridDom

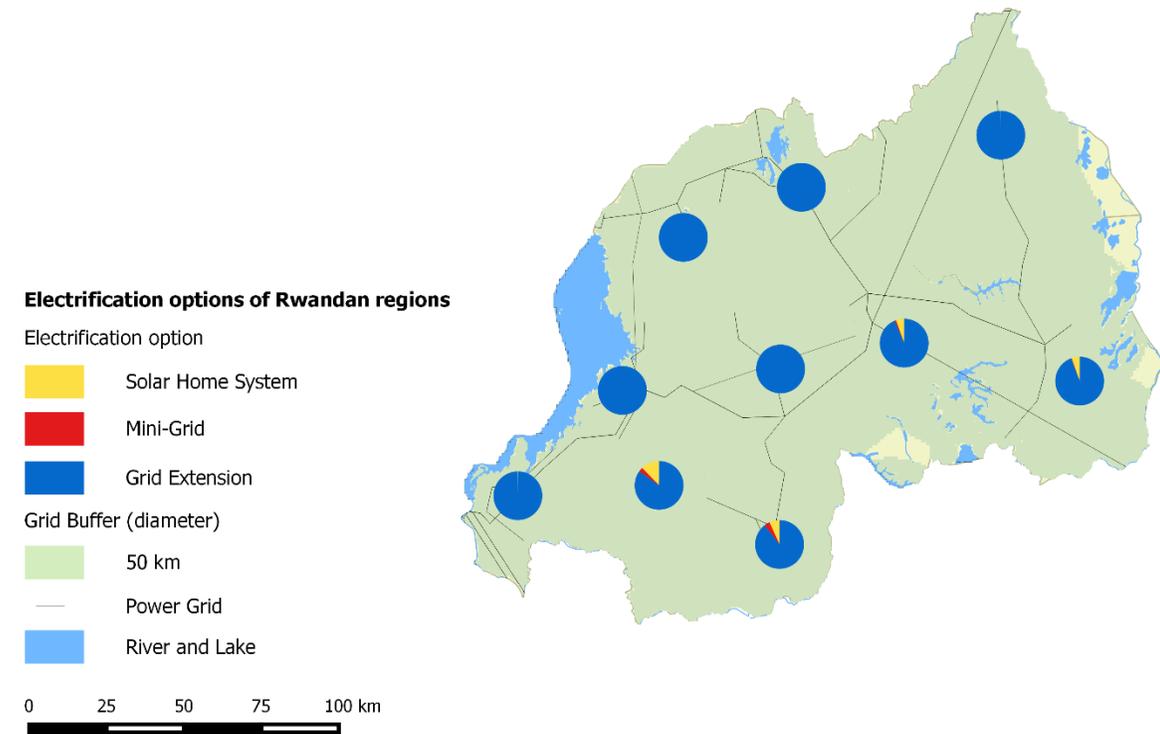
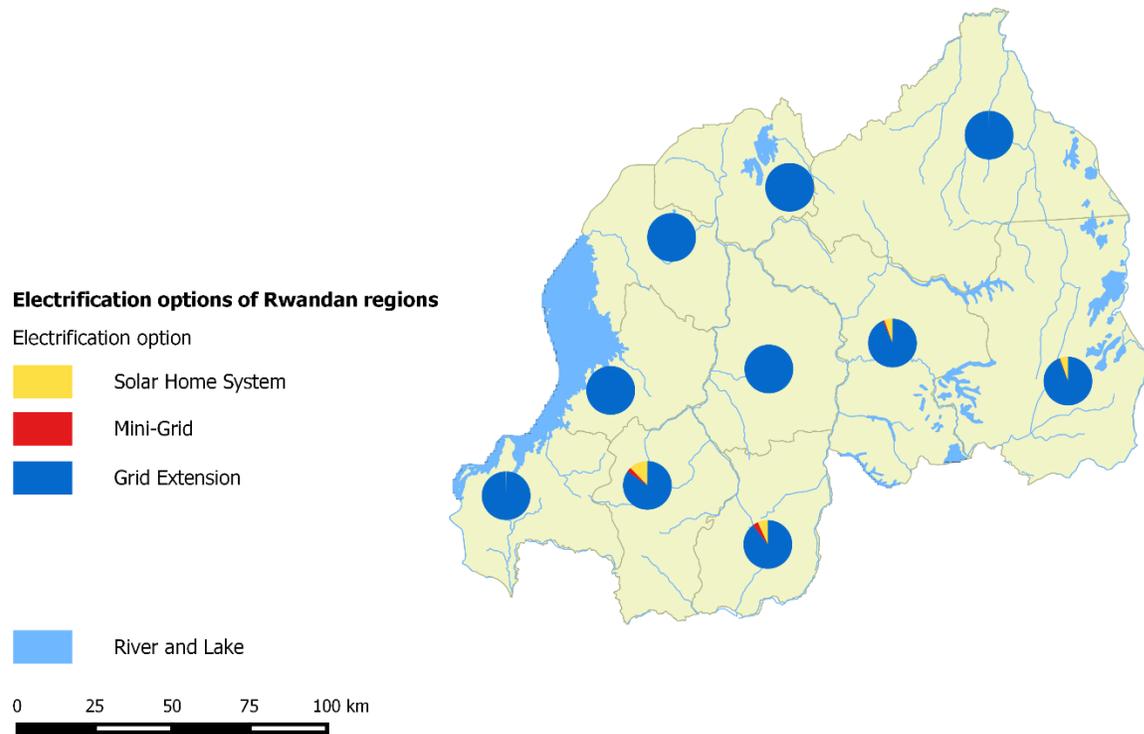


Share of electrification options in all Rwandan regions

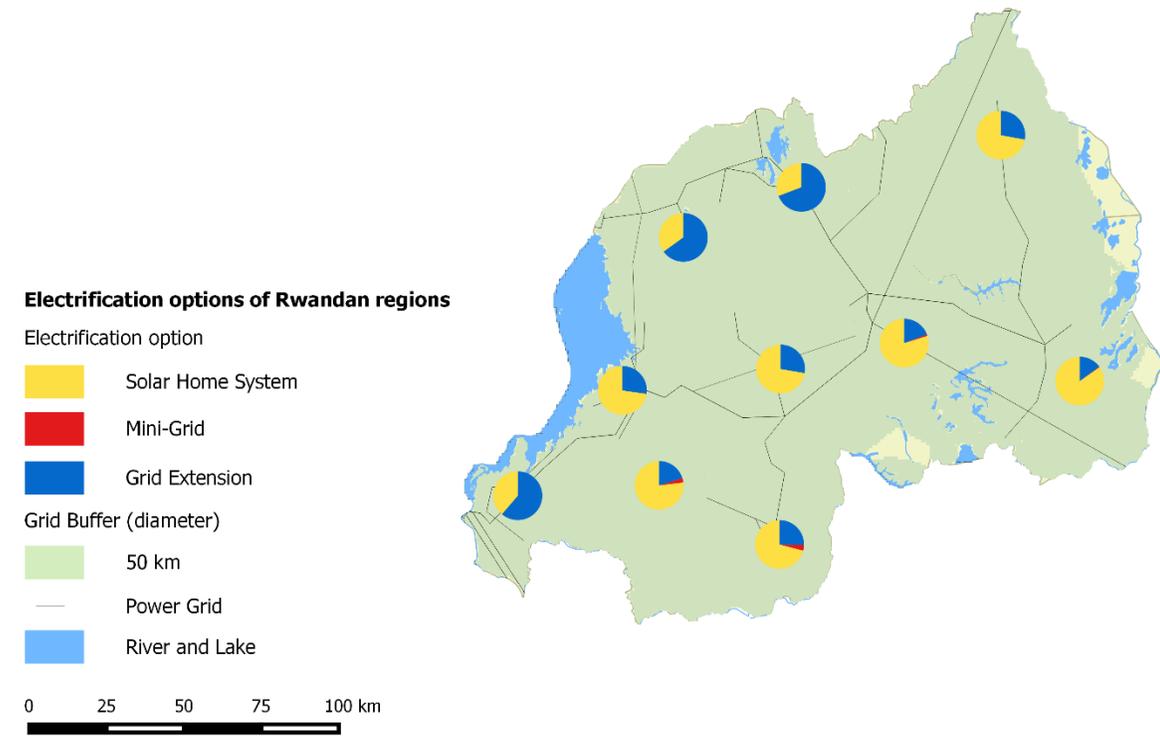
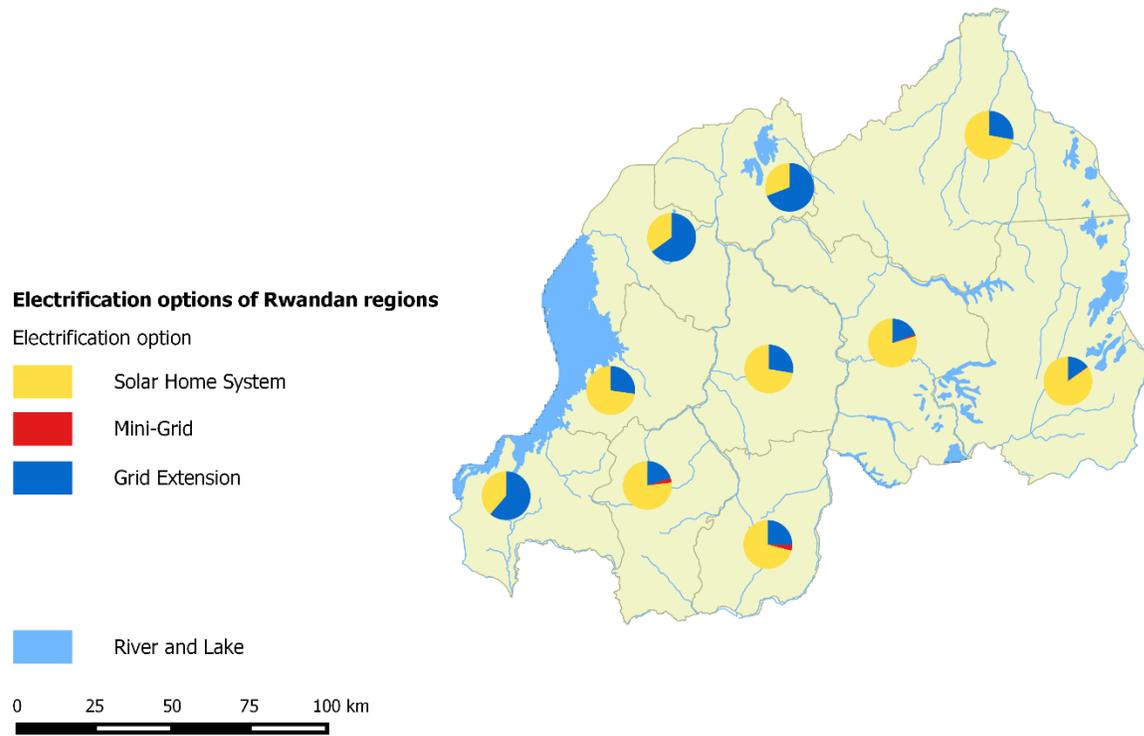
GridBuilt-SHSDom



Electrification option in all Rwandan regions: GridPlanned-GridDom



Electrification option in all Rwandan regions: GridPlanned-SHSDom



Electrification option: GridPlanned-SHSDom

Electrification option: GridPlanned-GridDom

Electrification options of Rwandan regions

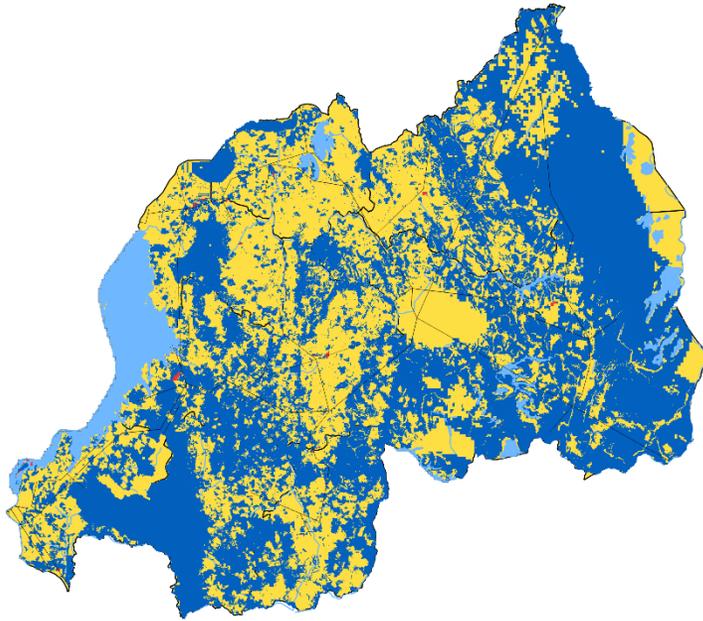
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

0 25 50 75 100 km



Electrification options of Rwandan regions

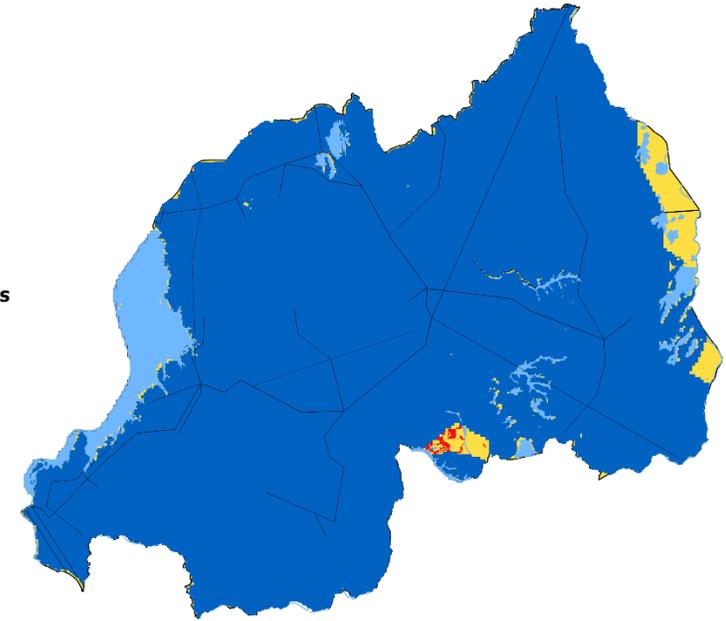
Electrification option

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-  Mini-Grid
-  Grid Extension

 Power Grid

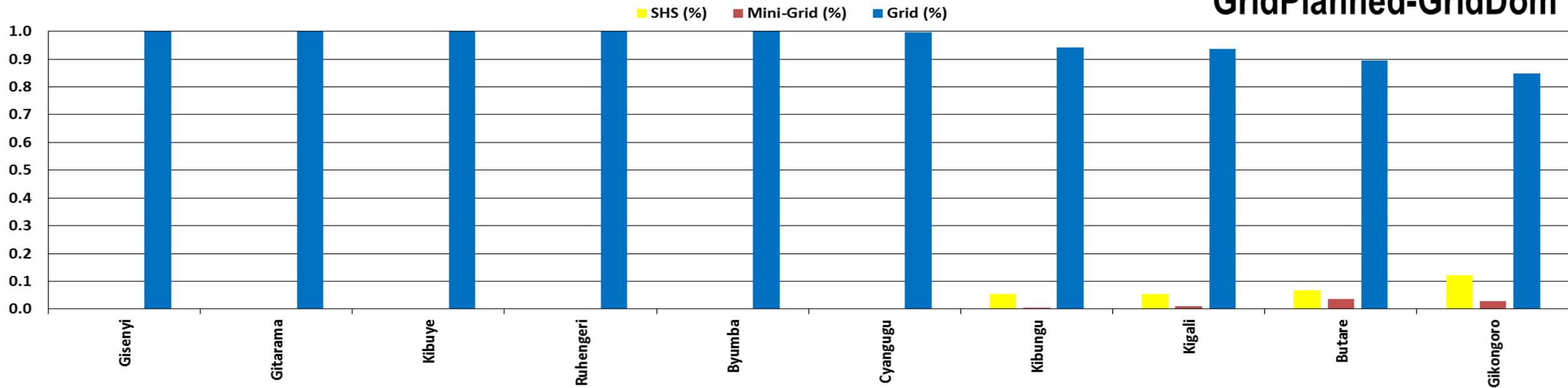
 River and Lake

0 25 50 75 100 km



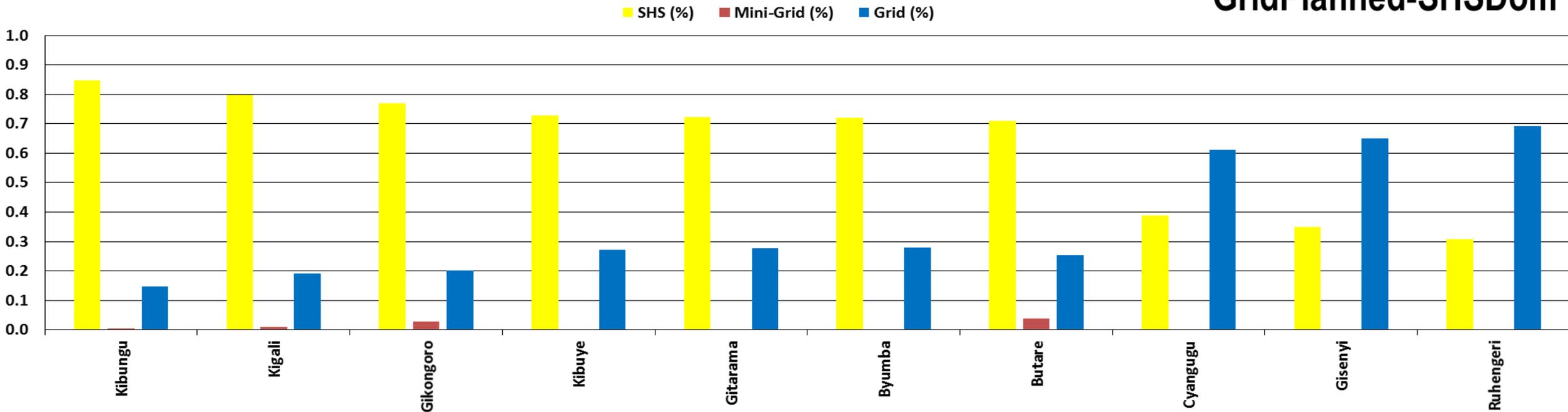
Share of electrification options in all Rwandan regions

GridPlanned-GridDom



Share of electrification options in all Rwandan regions

GridPlanned-SHSDom



Somalia



Night light emission and Population of Somalian regions

Night light emission in Somalia

Detected night lights

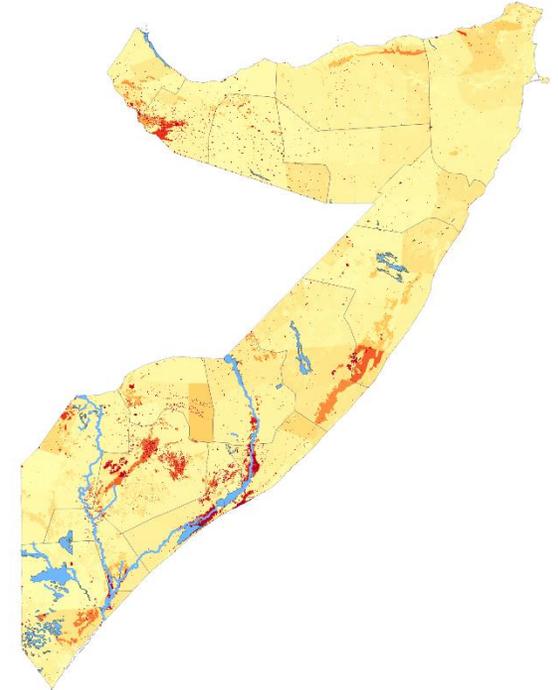
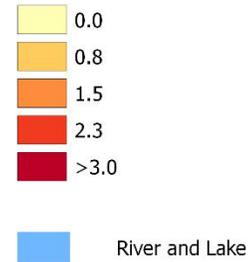


0 100 200 300 400 km



Population structure of Somalia

Population density (people/750x750m²)



0 100 200 300 400 km



Electrification option in all Somalian regions: GridBuilt-GridDom

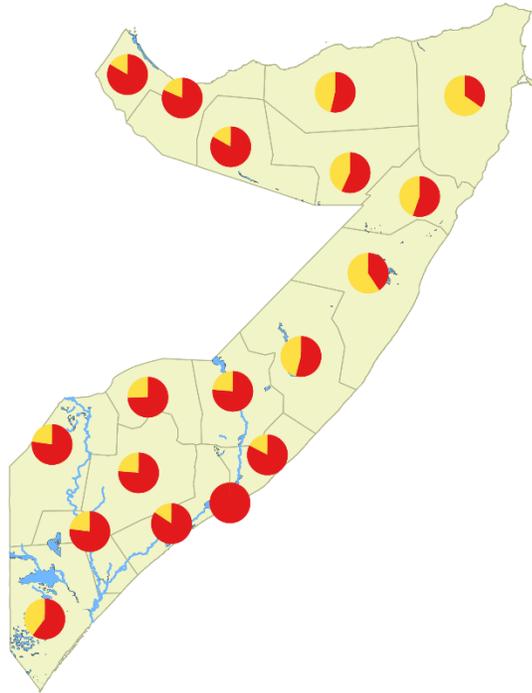
Electrification options of Somalian regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 100 200 300 400 km



Electrification options of Somalian regions

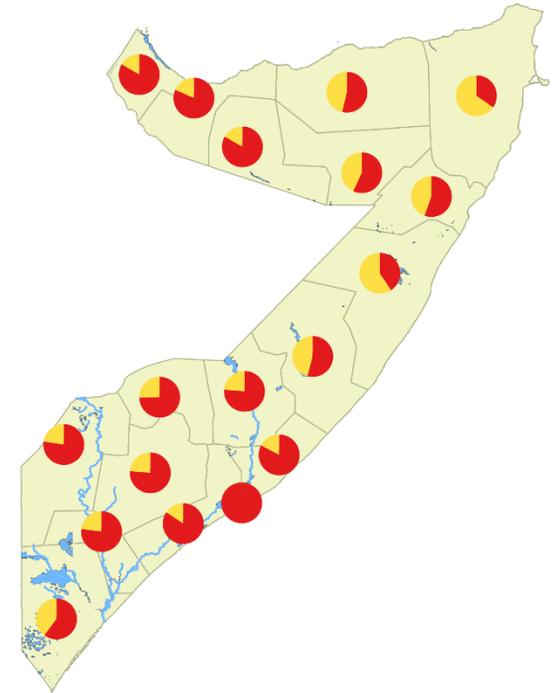
Electrification option

-  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 Somalian regions: GridBuilt-SHSDom

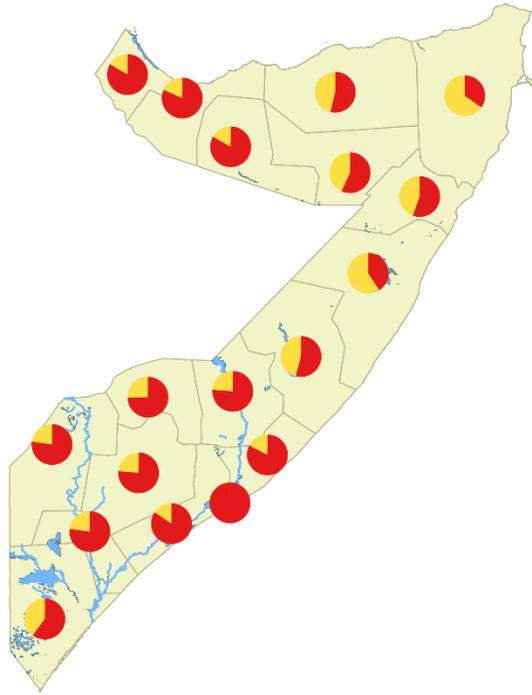
Electrification options of Somalian regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 100 200 300 400 km



Electrification options of Somalian regions

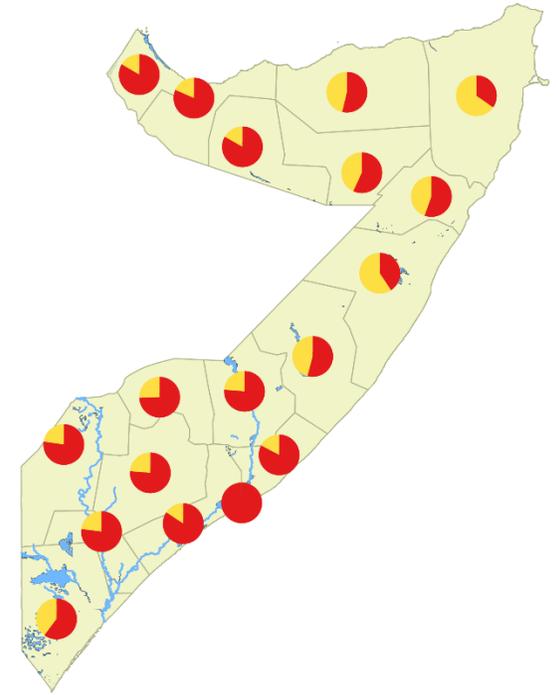
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

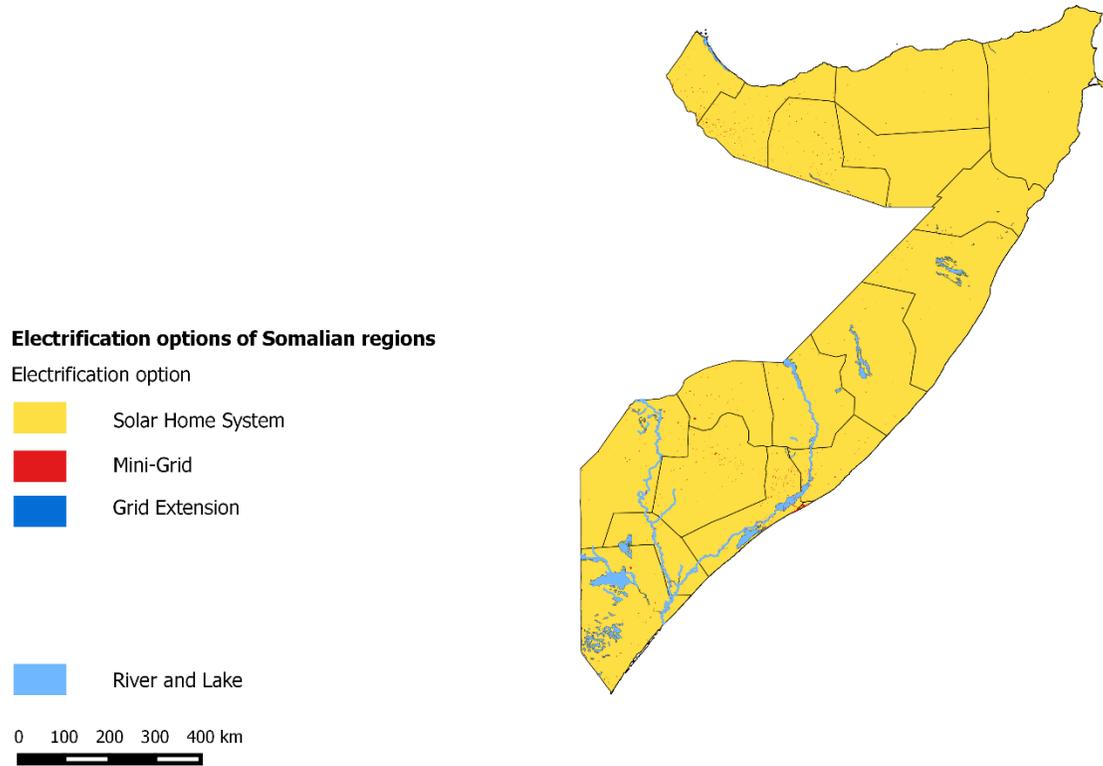
Grid Buffer (diameter)

-  50 km
-  Power Grid
-  River and Lake

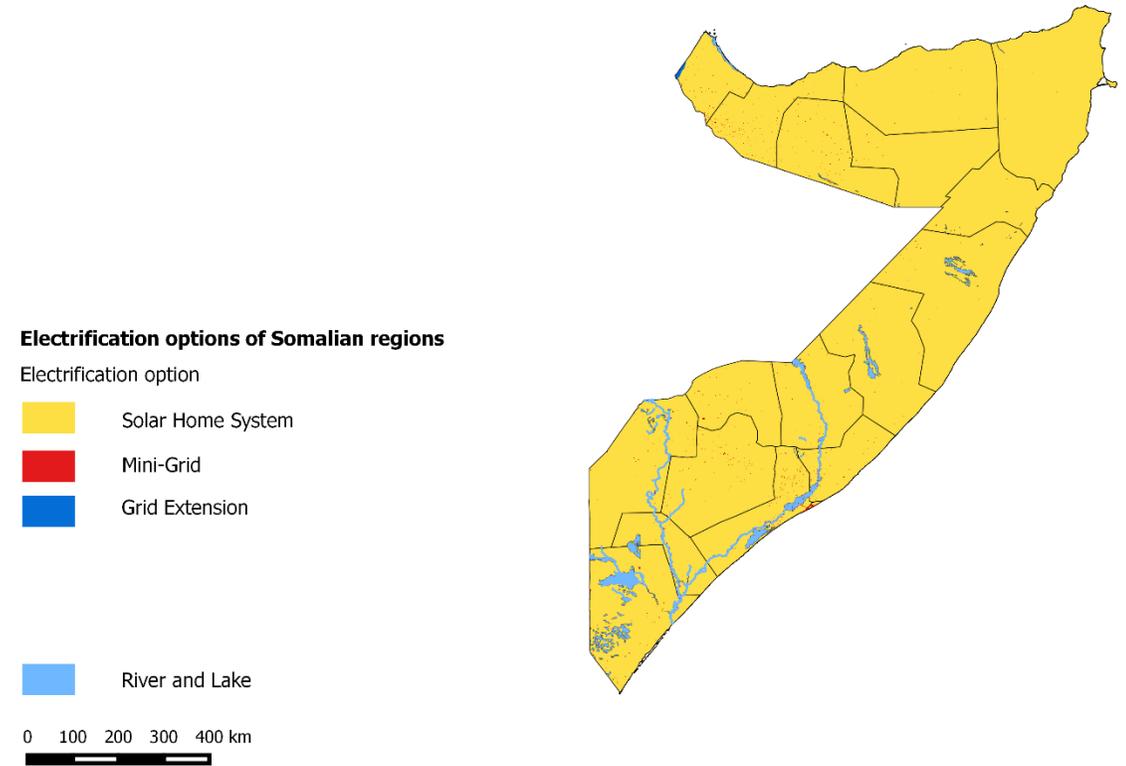
0 100 200 300 400 km



Electrification option: GridBuilt-SHSDom

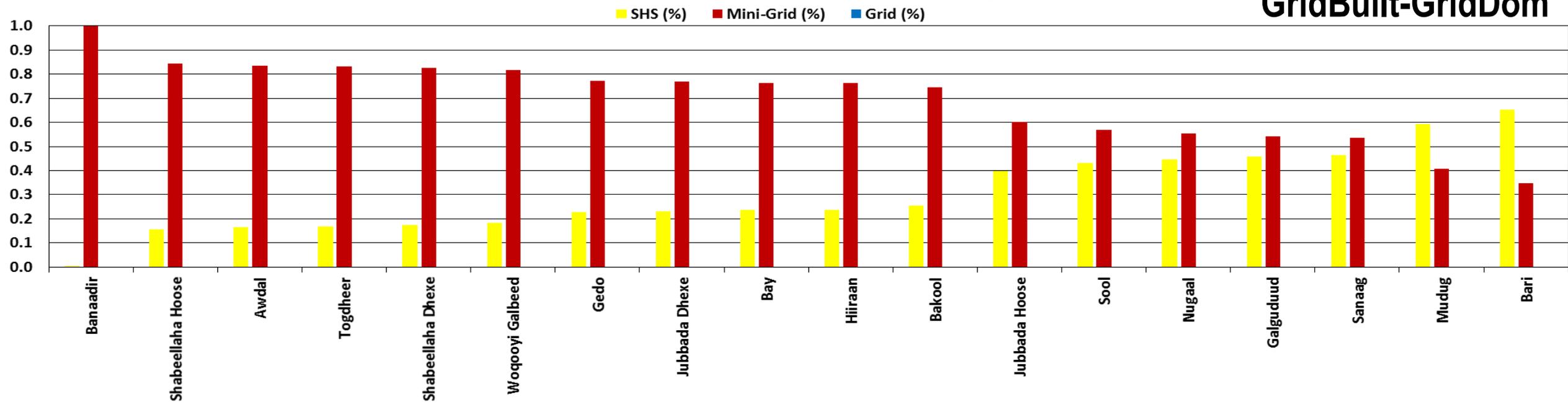


Electrification option: GridBuilt-GridDom



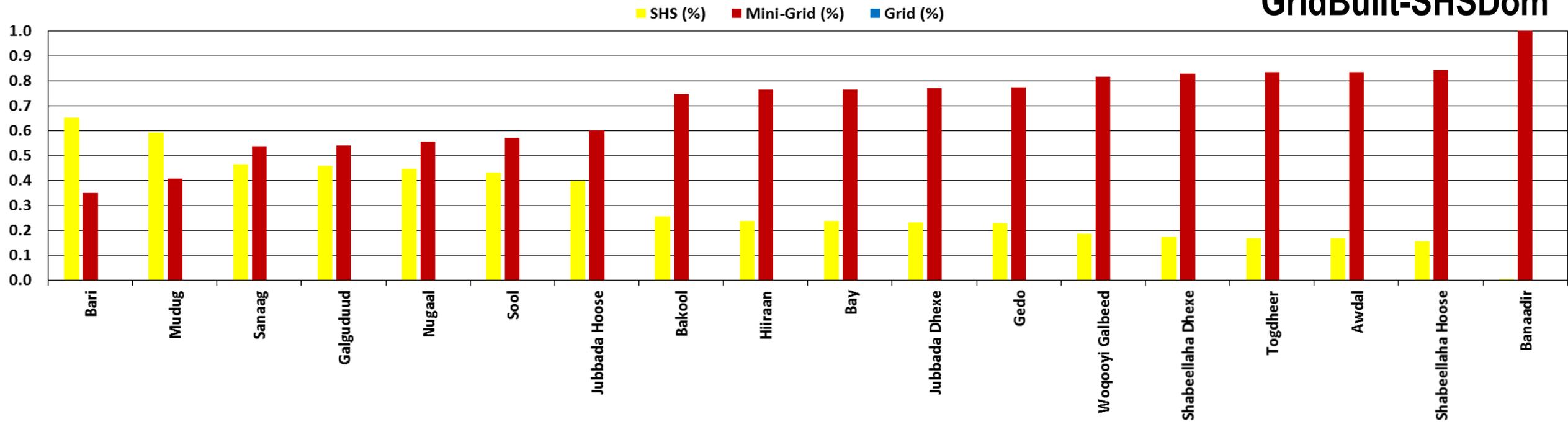
Share of electrification options in all Somalian regions

GridBuilt-GridDom



Share of electrification options in all Somalian regions

GridBuilt-SHSDom



Electrification option in all Somalian regions: GridPlanned-GridDom

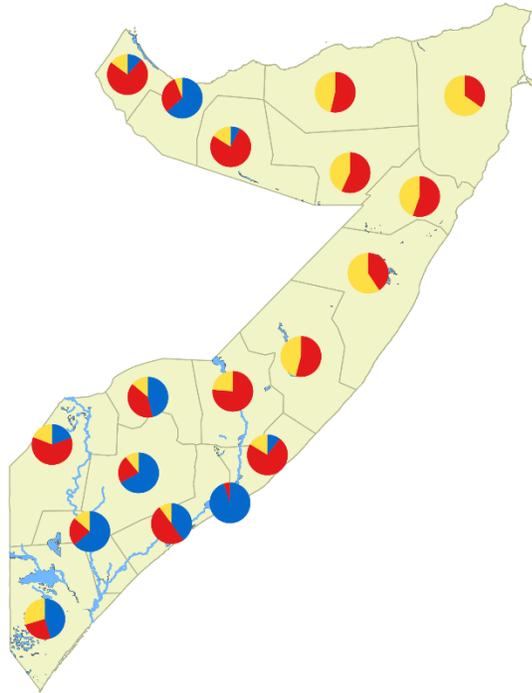
Electrification options of Somalian regions

Electrification option



River and Lake (Light Blue)

0 100 200 300 400 km



Electrification options of Somalian regions

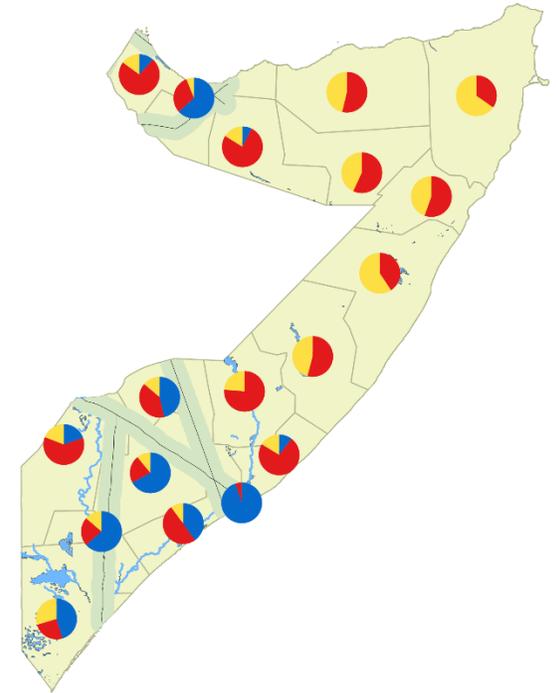
Electrification option



Grid Buffer (diameter)



0 100 200 300 400 km



Electrification option in all Somalian regions: GridPlanned-SHSDom

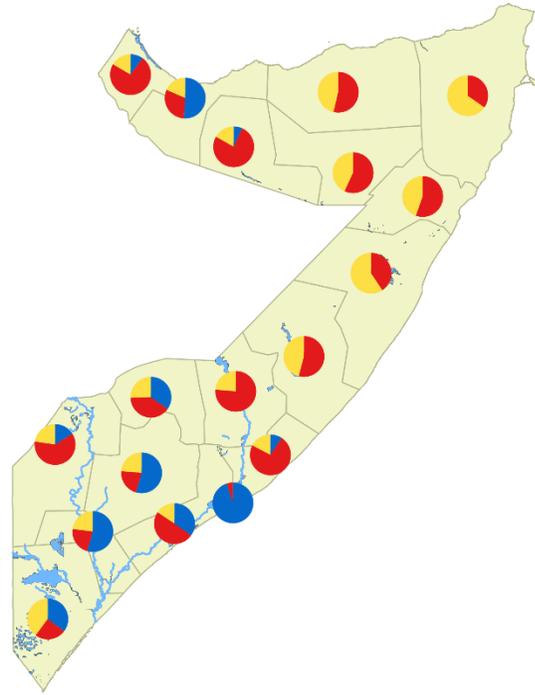
Electrification options of Somalian regions

Electrification option



River and Lake (Light Blue)

0 100 200 300 400 km



Electrification options of Somalian regions

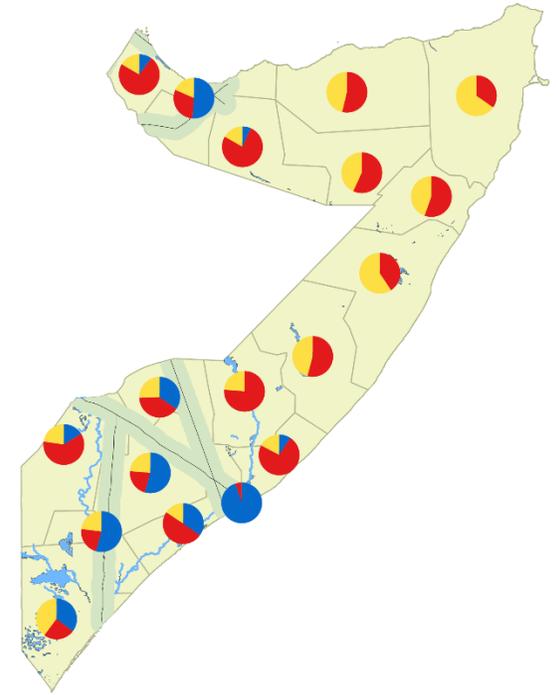
Electrification option



Grid Buffer (diameter)



0 100 200 300 400 km



Electrification option: GridPlanned-SHSDom

Electrification option: GridPlanned-GridDom

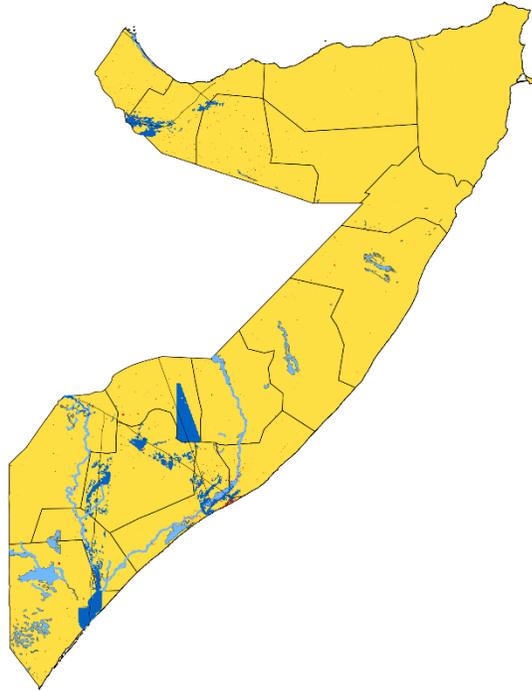
Electrification options of Somalian regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

-  Power Grid
-  River and Lake

0 100 200 300 400 km



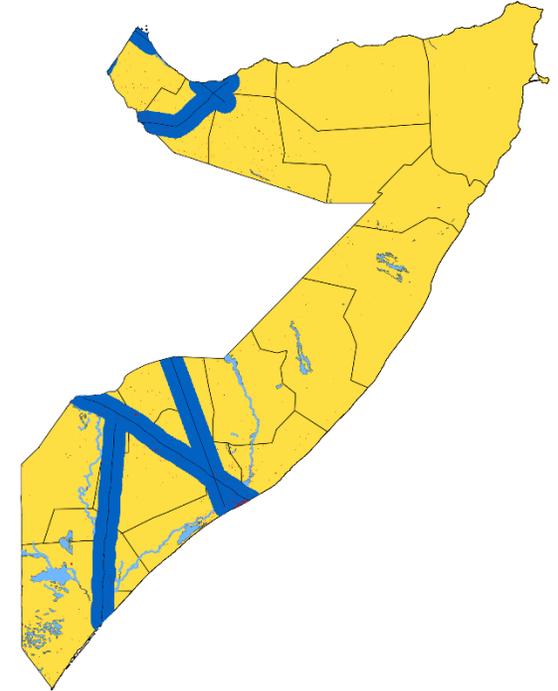
Electrification options of Somalian regions

Electrification option

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-  Mini-Grid
-  Grid Extension

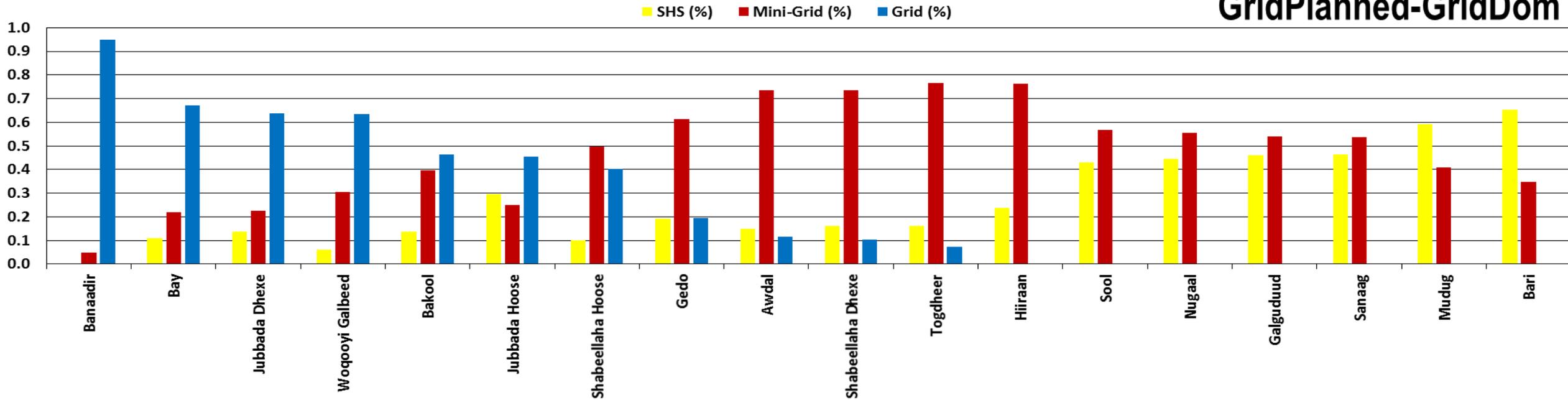
-  Power Grid
-  River and Lake

0 100 200 300 400 km



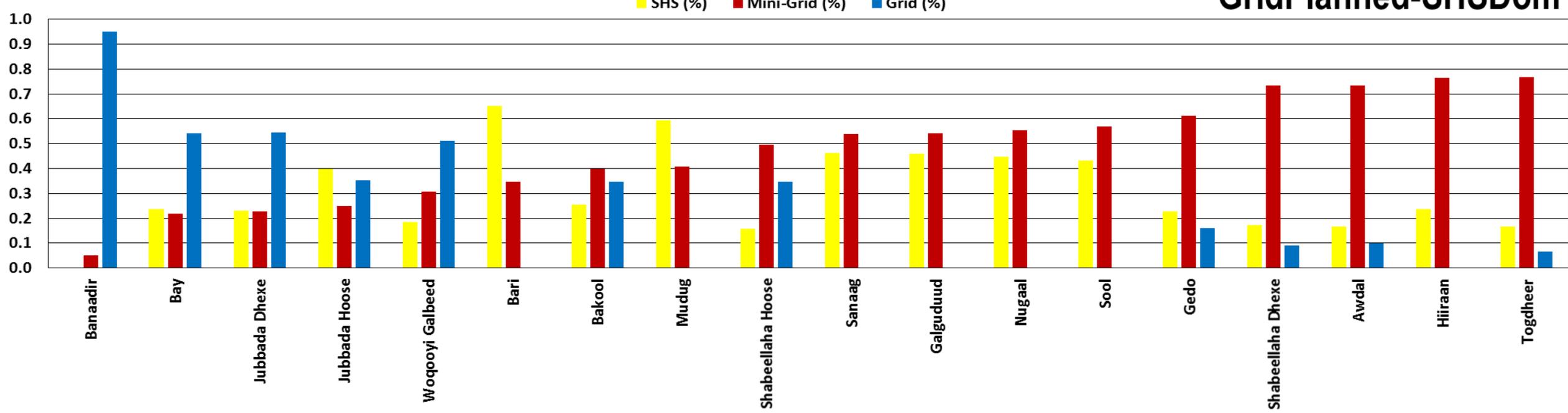
Share of electrification options in all Somalian regions

GridPlanned-GridDom



Share of electrification options in all Somalian regions

GridPlanned-SHSDom



South Sudan



Night light emission and Population of South Sudanese regions

Night light emission in South Sudan

Detected night lights

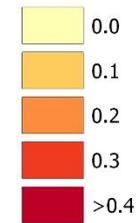


0 100 200 300 400 km



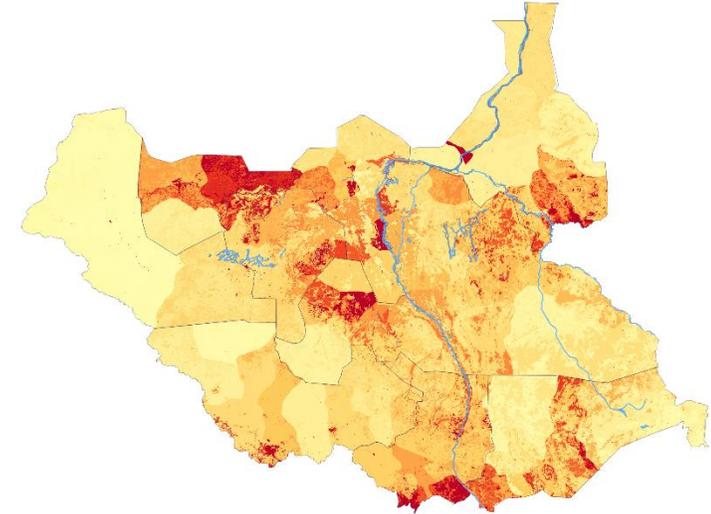
Population structure of South Sudan

Population density (people/750x750m²)



River and Lake

0 100 200 300 400 km



Electrification option in all South Sudanese regions: GridBuilt-GridDom

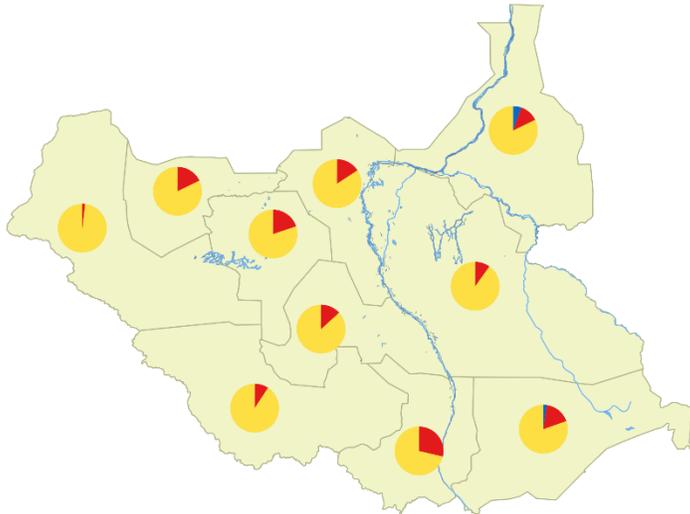
Electrification options of South Sudanese regions

Electrification option



River and Lake

0 100 200 300 400 km



Electrification options of South Sudanese regions

Electrification option

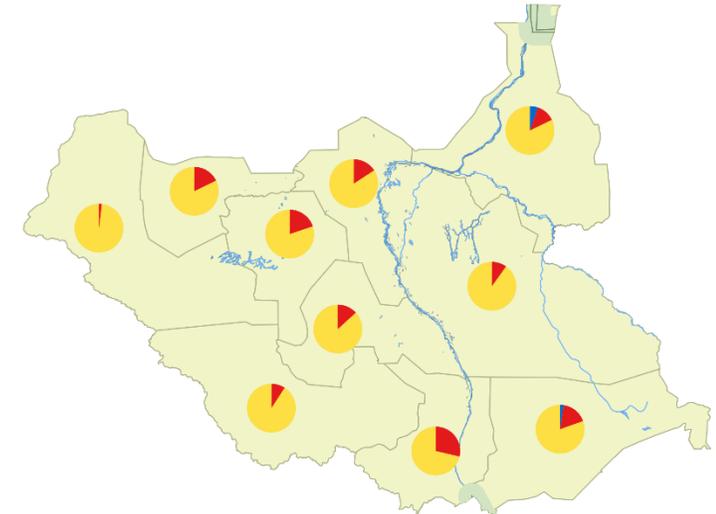


Grid Buffer (diameter)



River and Lake

0 100 200 300 400 km



Electrification option in all South Sudanese regions: GridBuilt-SHSDom

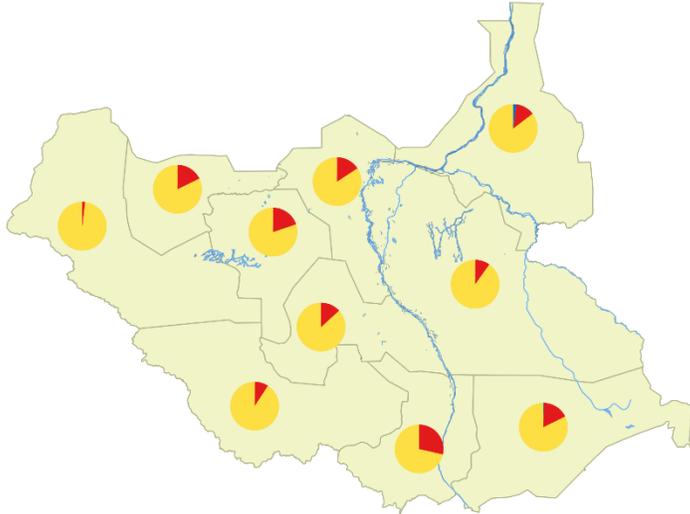
Electrification options of South Sudanese regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 100 200 300 400 km



Electrification options of South Sudanese regions

Electrification option

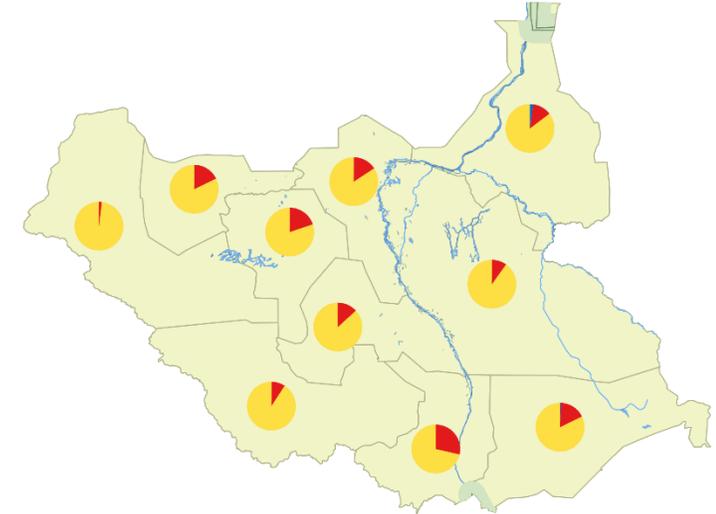
-  Solar Home System
-  Mini-Grid
-  Grid Extension

Grid Buffer (diameter)

-  50 km
-  Power Grid

 River and Lake

0 100 200 300 400 km



Electrification option: GridBuilt-SHSDom

Electrification option: GridBuilt-GridDom

Electrification options of South Sudanese regions

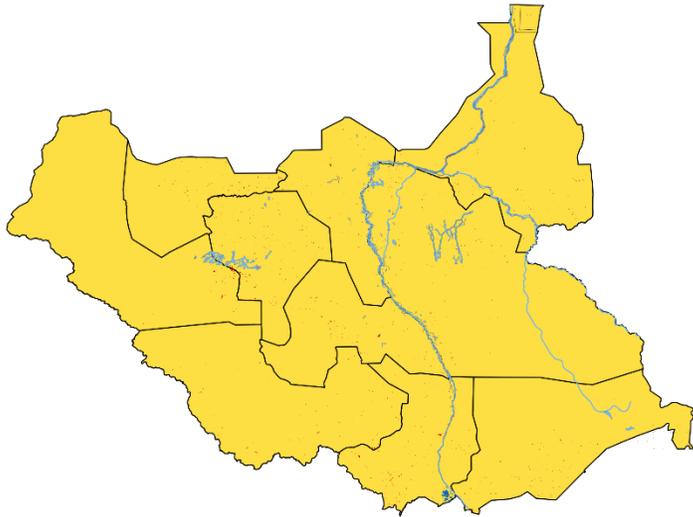
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

0 100 200 300 400 km



Electrification options of South Sudanese regions

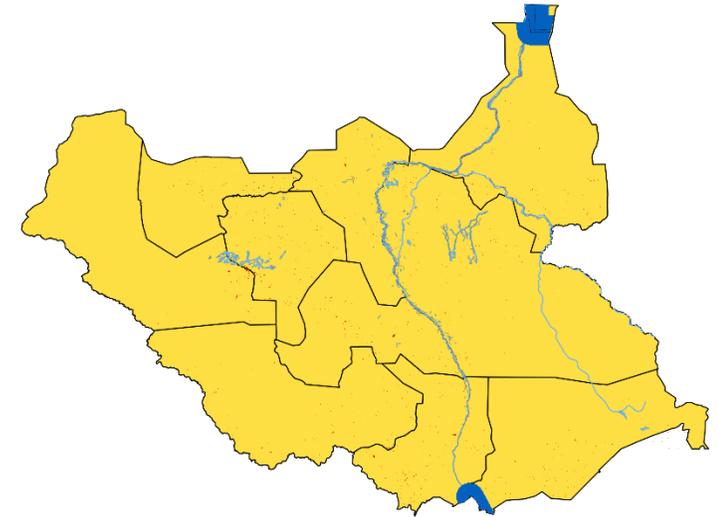
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

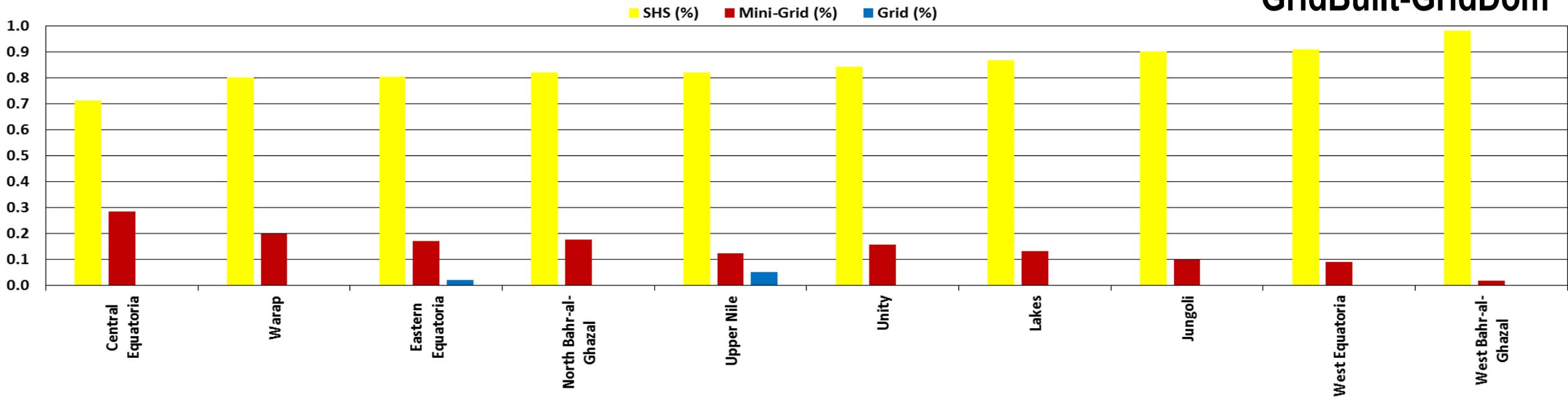
 River and Lake

0 100 200 300 400 km



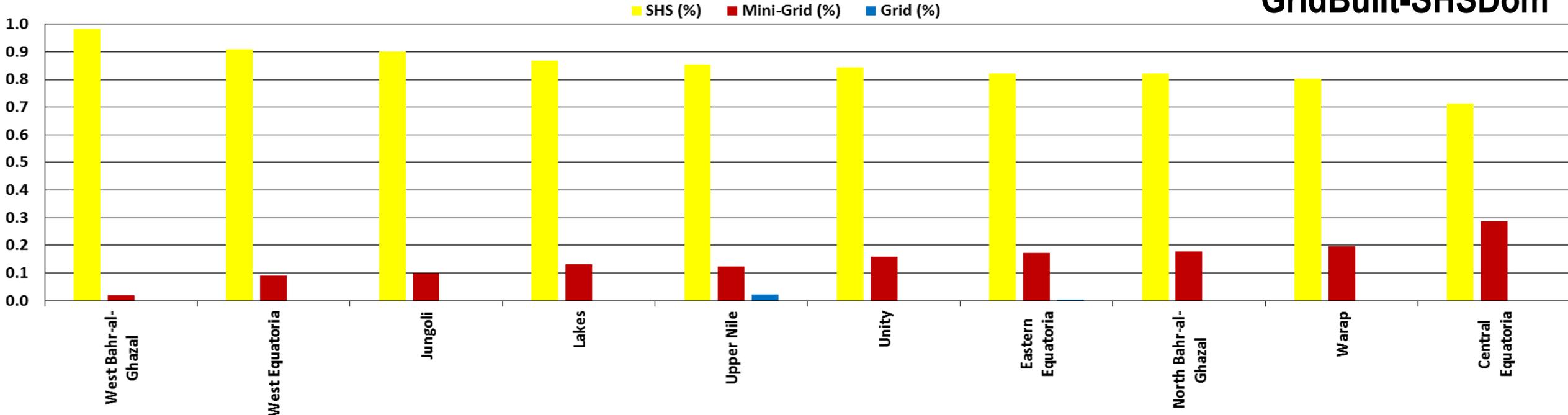
Share of electrification options in all South Sudanese regions

GridBuilt-GridDom



Share of electrification options in all South Sudanese regions

GridBuilt-SHSDom



Electrification option in all South Sudanese regions: GridPlanned-GridDom

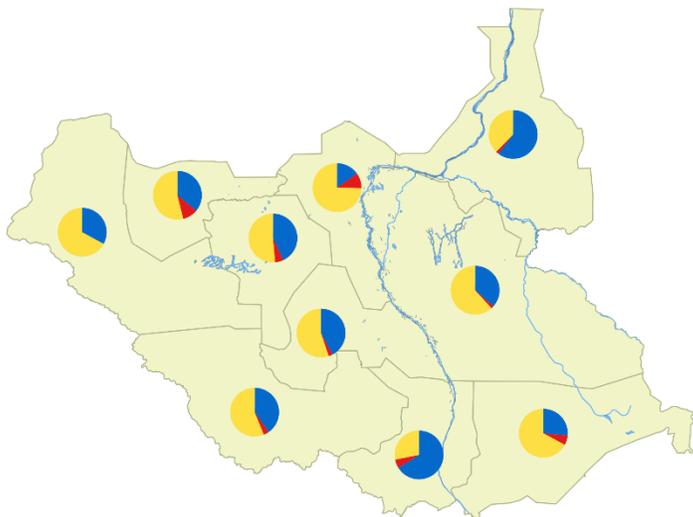
Electrification options of South Sudanese regions

Electrification option



River and Lake

0 100 200 300 400 km



Electrification options of South Sudanese regions

Electrification option



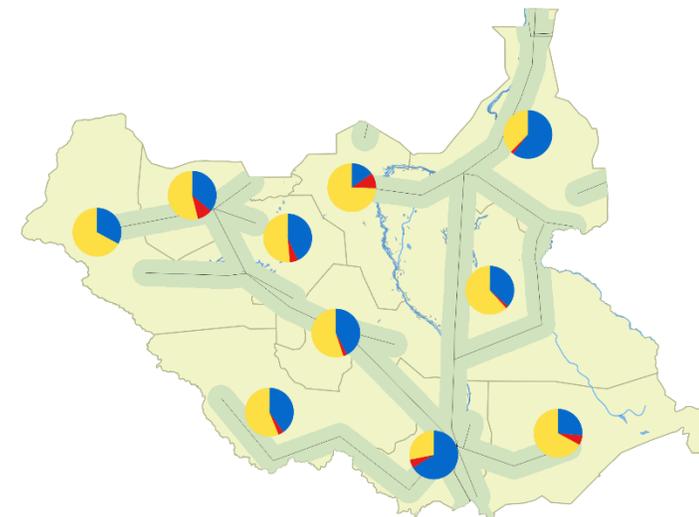
Grid Buffer (diameter)

50 km

Power Grid

River and Lake

0 100 200 300 400 km



Electrification option in all South Sudanese regions: GridPlanned-SHSDom

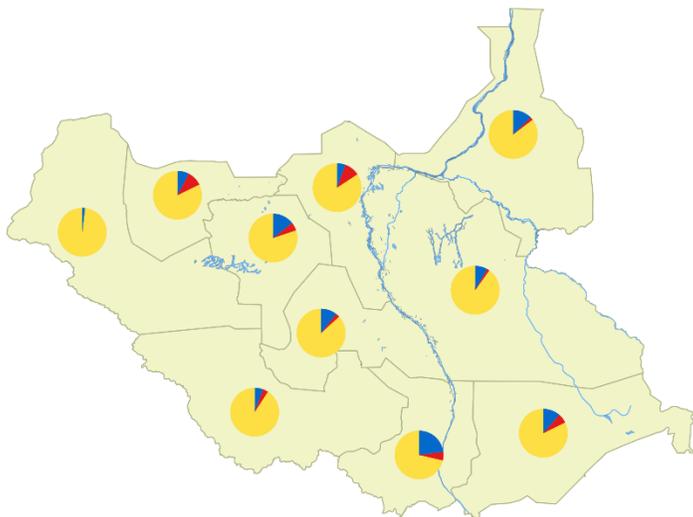
Electrification options of South Sudanese regions

Electrification option



River and Lake

0 100 200 300 400 km



Electrification options of South Sudanese regions

Electrification option



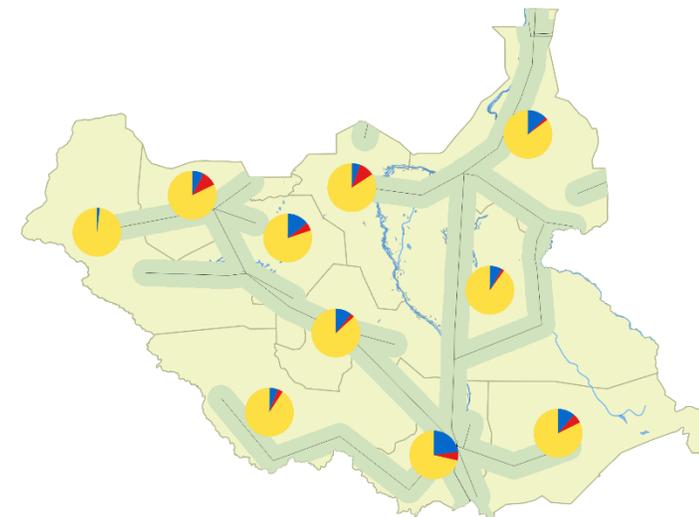
Grid Buffer (diameter)

50 km

Power Grid

River and Lake

0 100 200 300 400 km



Electrification option: GridPlanned-SHSDom

Electrification option: GridPlanned-GridDom

Electrification options of South Sudanese regions

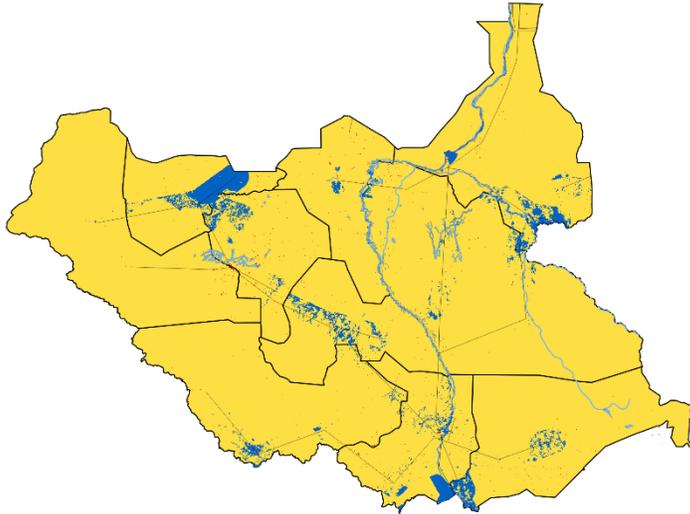
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

0 100 200 300 400 km



Electrification options of South Sudanese regions

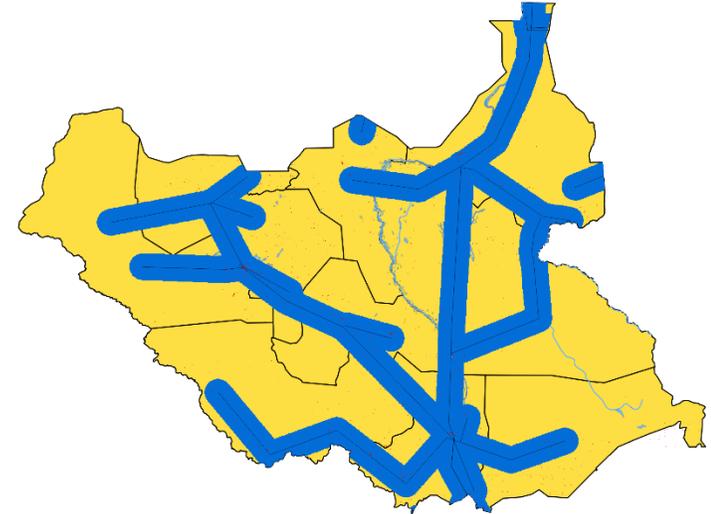
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

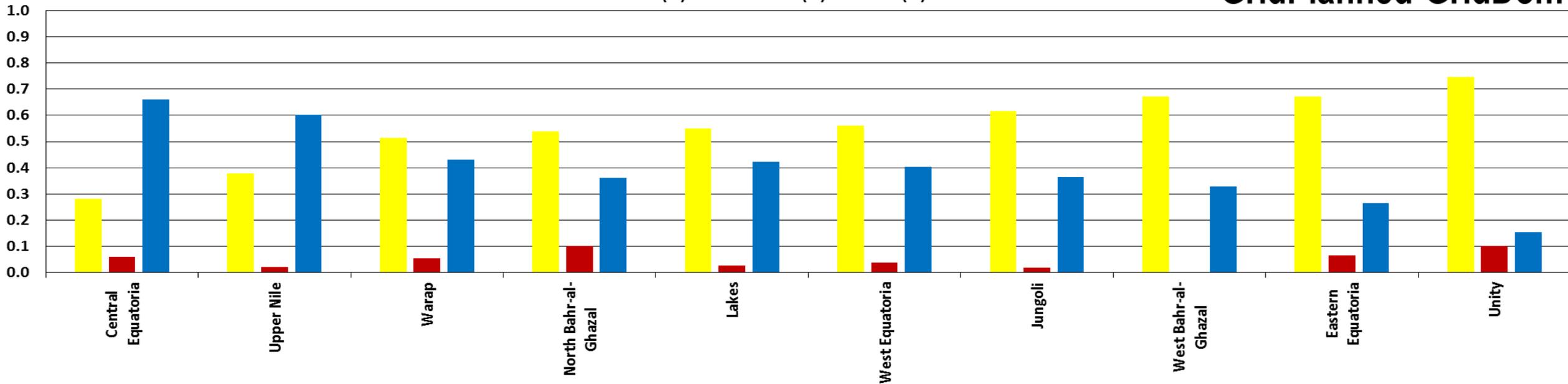
0 100 200 300 400 km



Share of electrification options in all South Sudanese regions

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

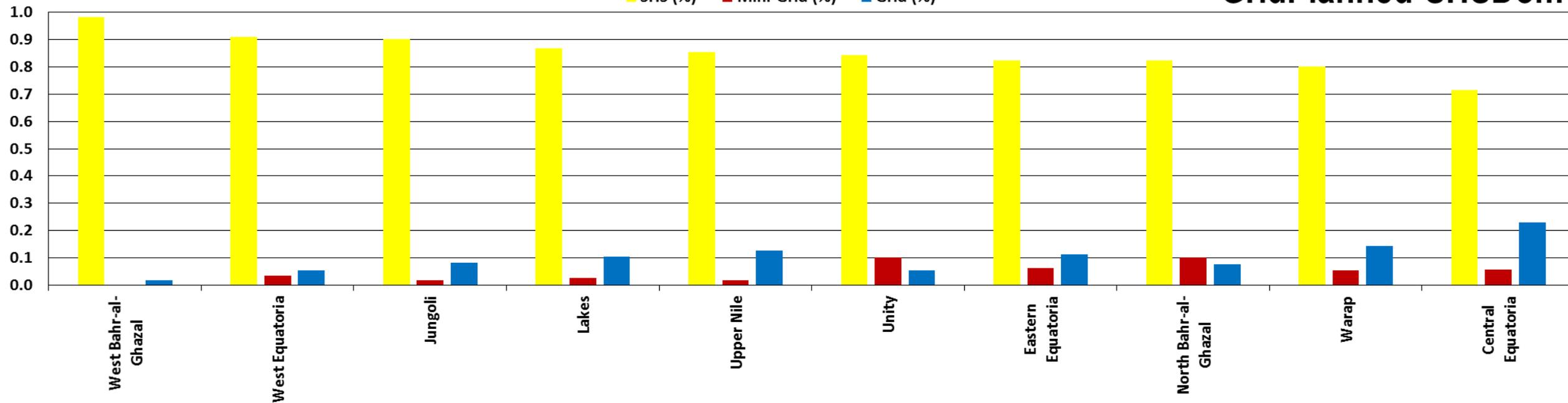
GridPlanned-GridDom



Share of electrification options in all South Sudanese regions

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

GridPlanned-SHSDom



Sudan



Night light emission and Population of Sudanese regions

Night light emission in Sudan

Detected night lights

- yes
- no



0 250 500 750 1000 km

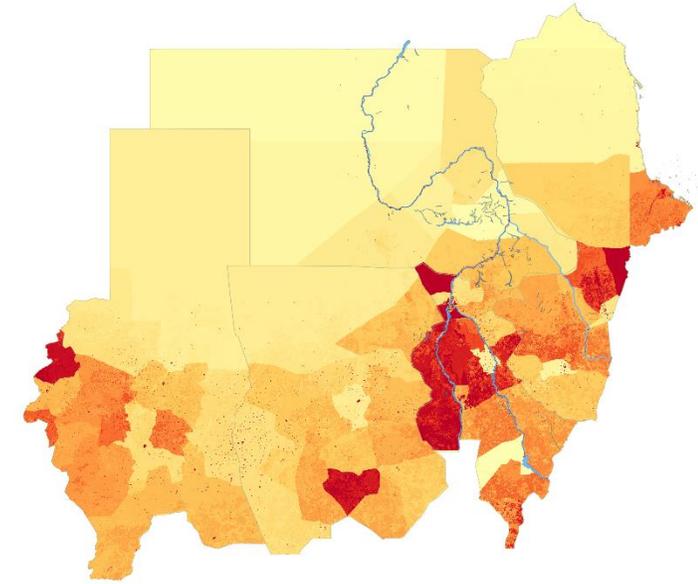
Population structure of Sudan

Population density (people/750x750m²)

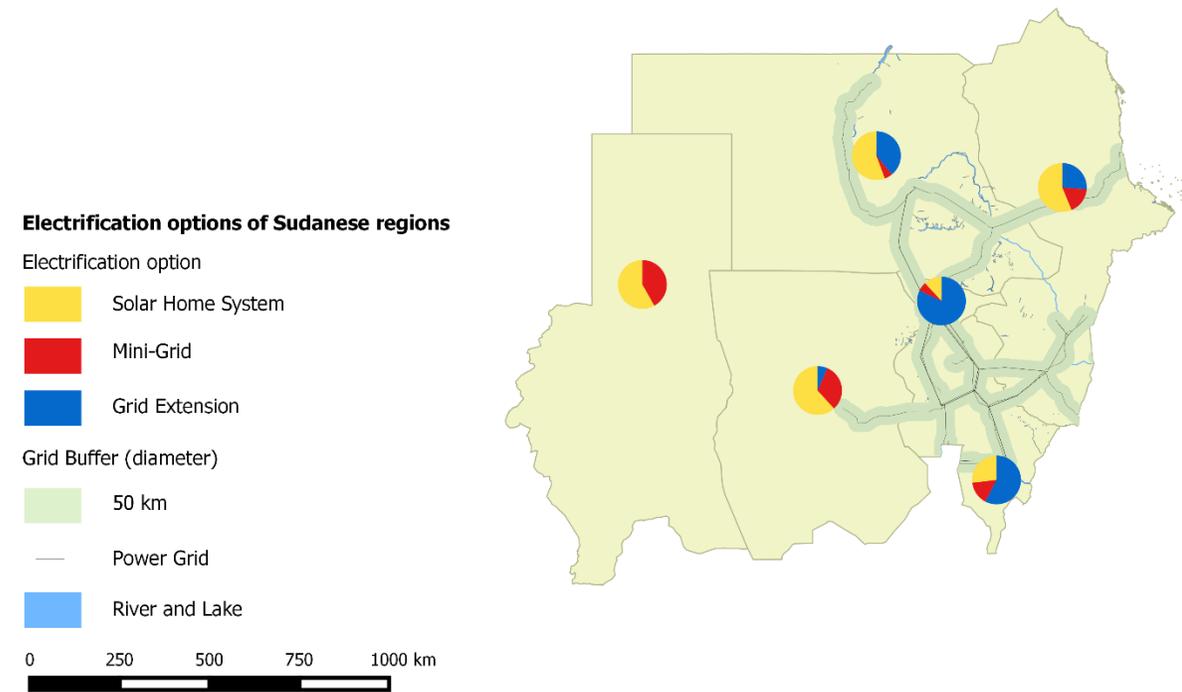
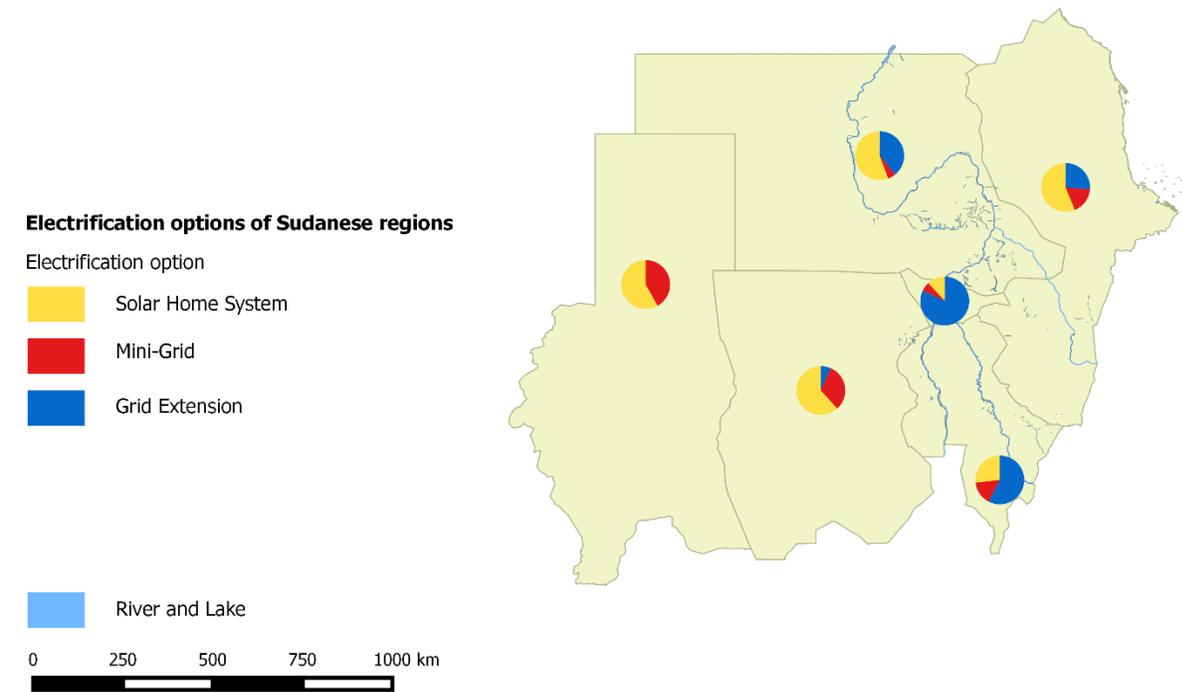
- 0.00
- 0.08
- 0.15
- 0.23
- >0.30

River and Lake

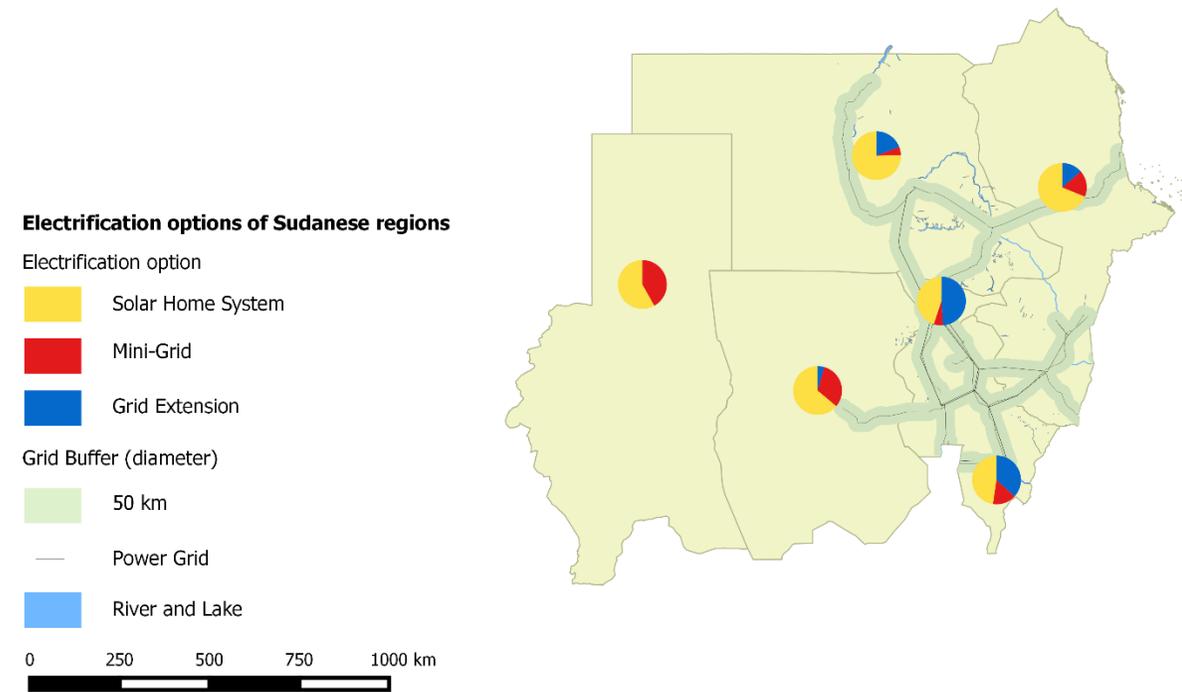
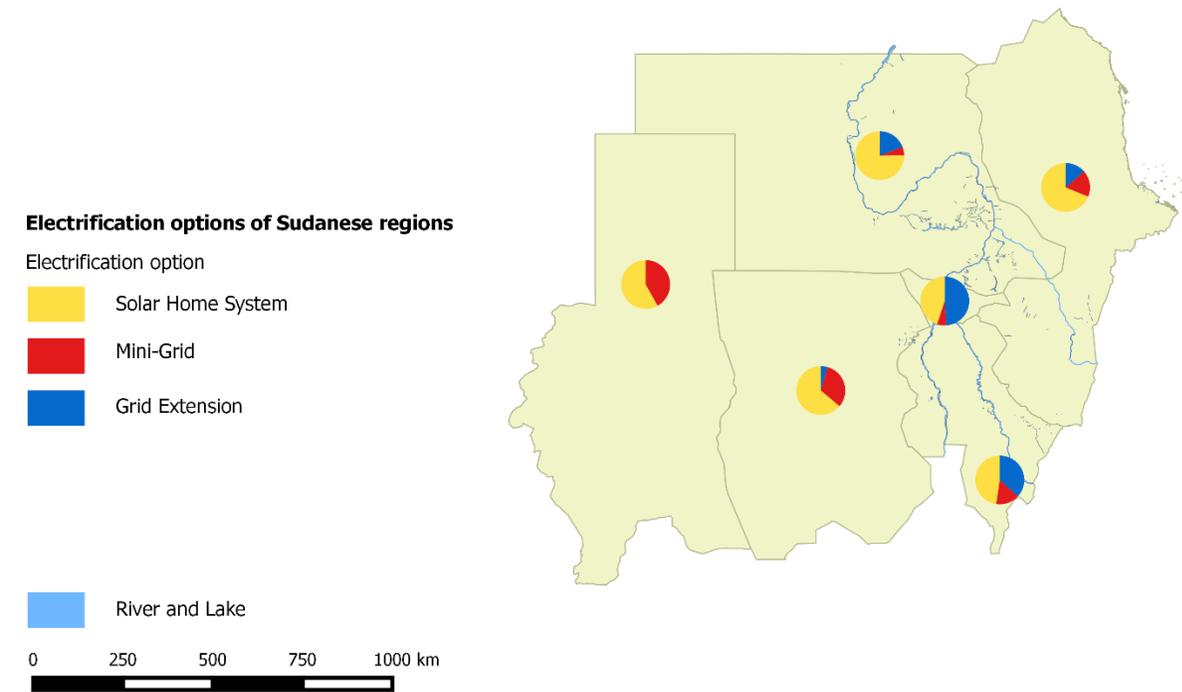
0 250 500 750 1000 km



Electrification option in all Sudanese regions: GridBuilt-GridDom



Electrification option in all Sudanese regions: GridBuilt-SHSDom



Electrification option: GridBuilt-SHSDom

Electrification option: GridBuilt-GridDom

Electrification options of Sudanese regions

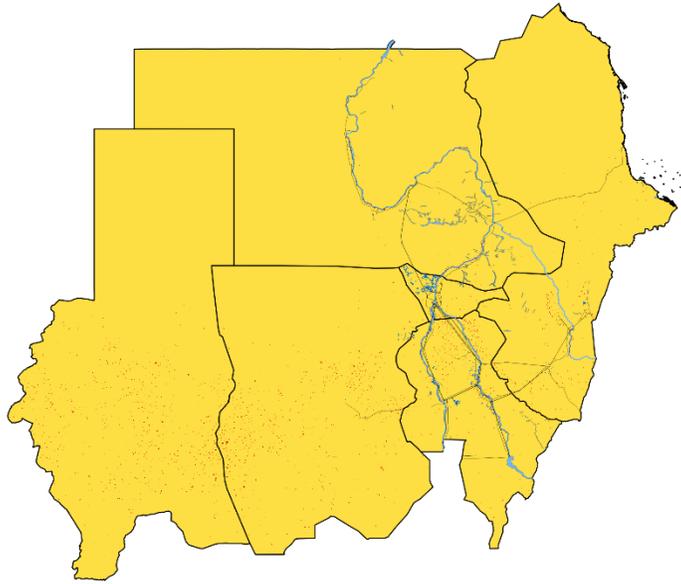
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

0 250 500 750 1000 km



Electrification options of Sudanese regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

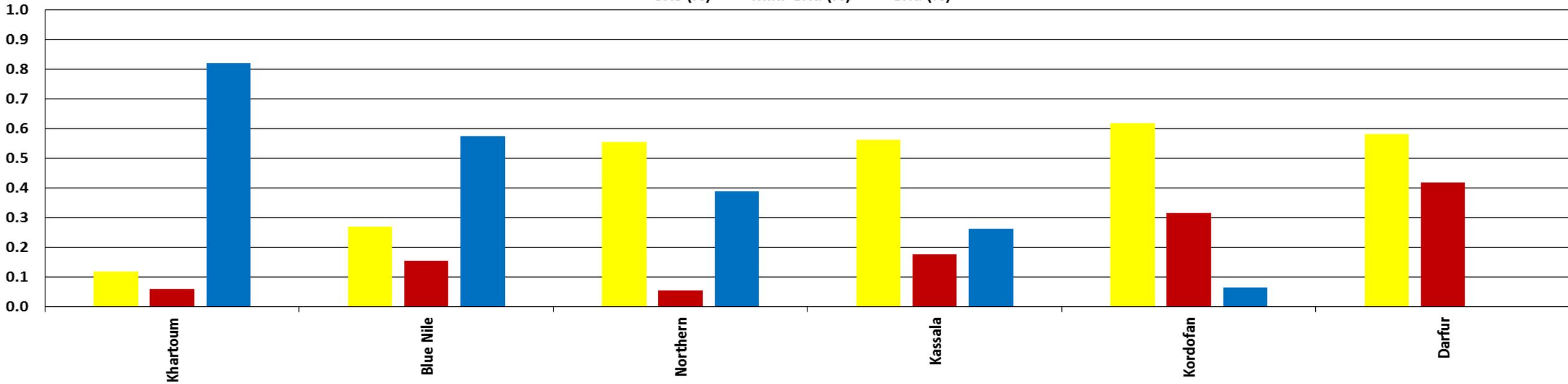
0 250 500 750 1000 km



Share of electrification options in all Sudanese regions

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

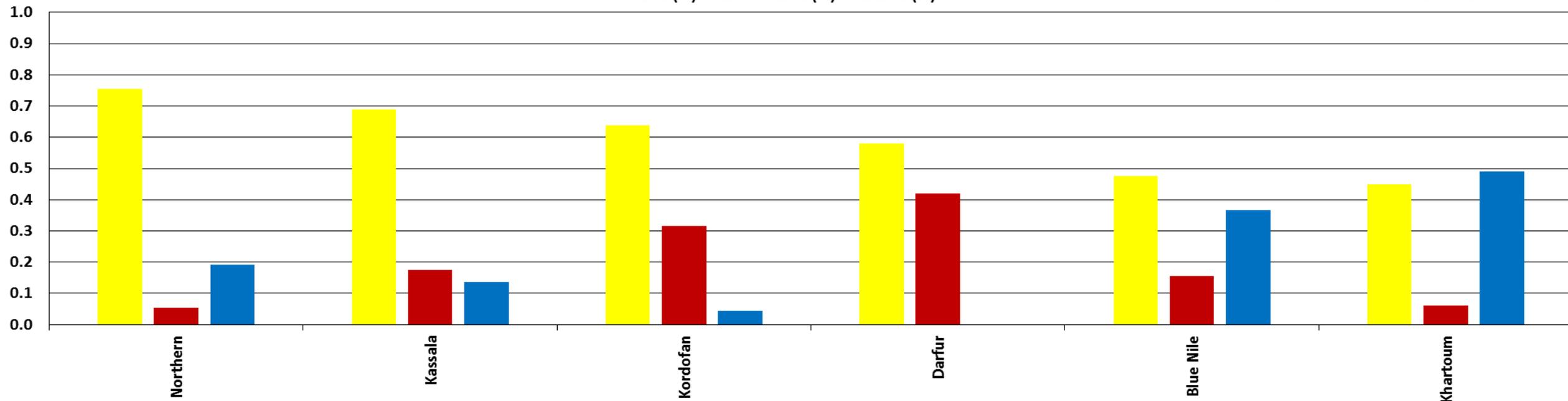
GridBuilt-GridDom



Share of electrification options in all Sudanese regions

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

GridBuilt-SHSDom



Electrification option in all Sudanese regions: GridPlanned-GridDom

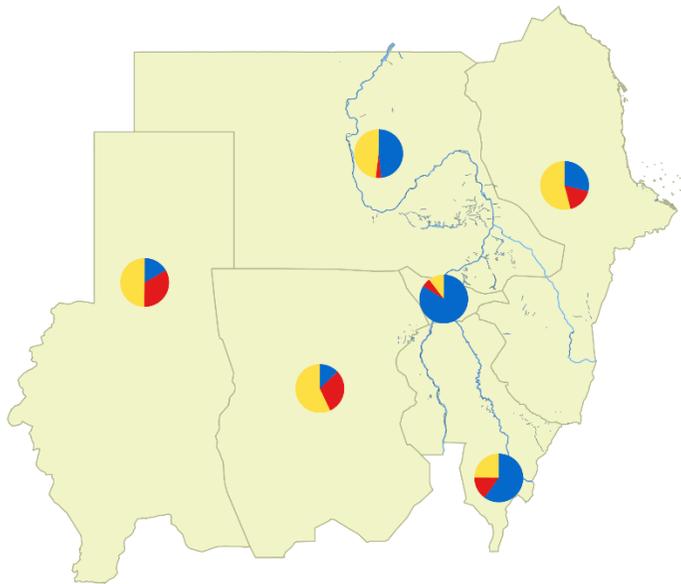
Electrification options of Sudanese regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 250 500 750 1000 km



Electrification options of Sudanese regions

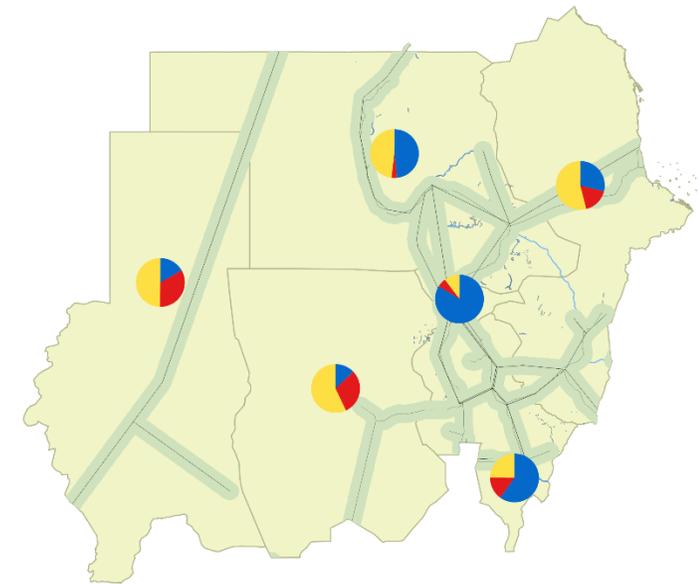
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

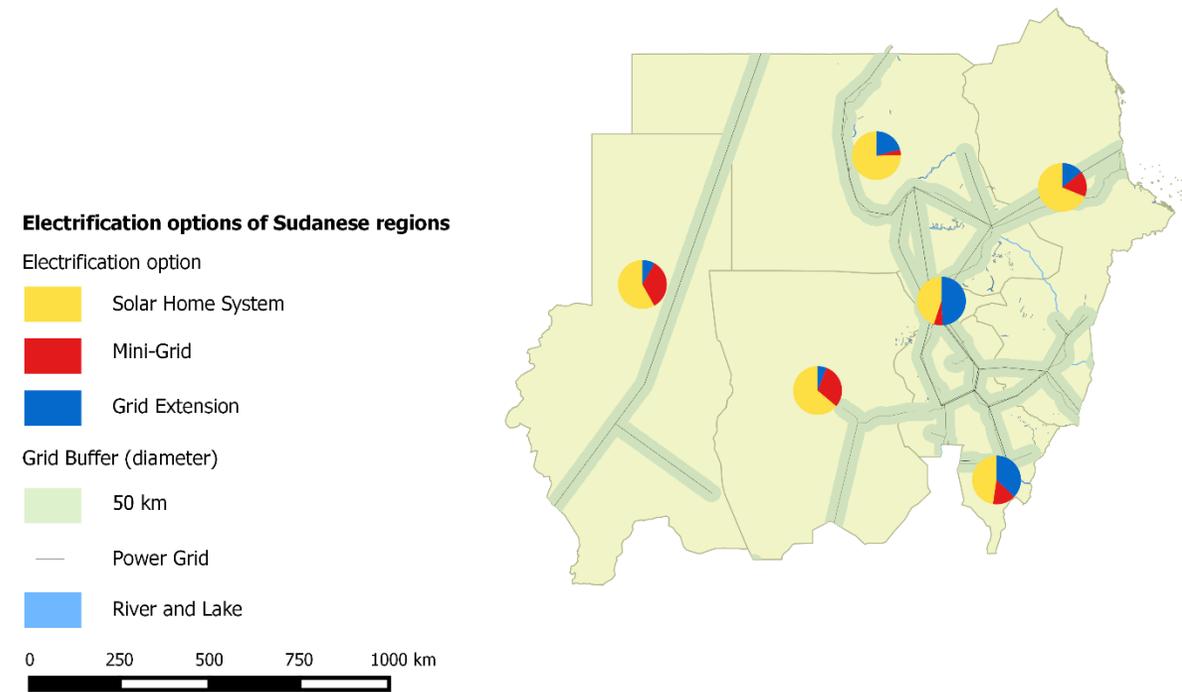
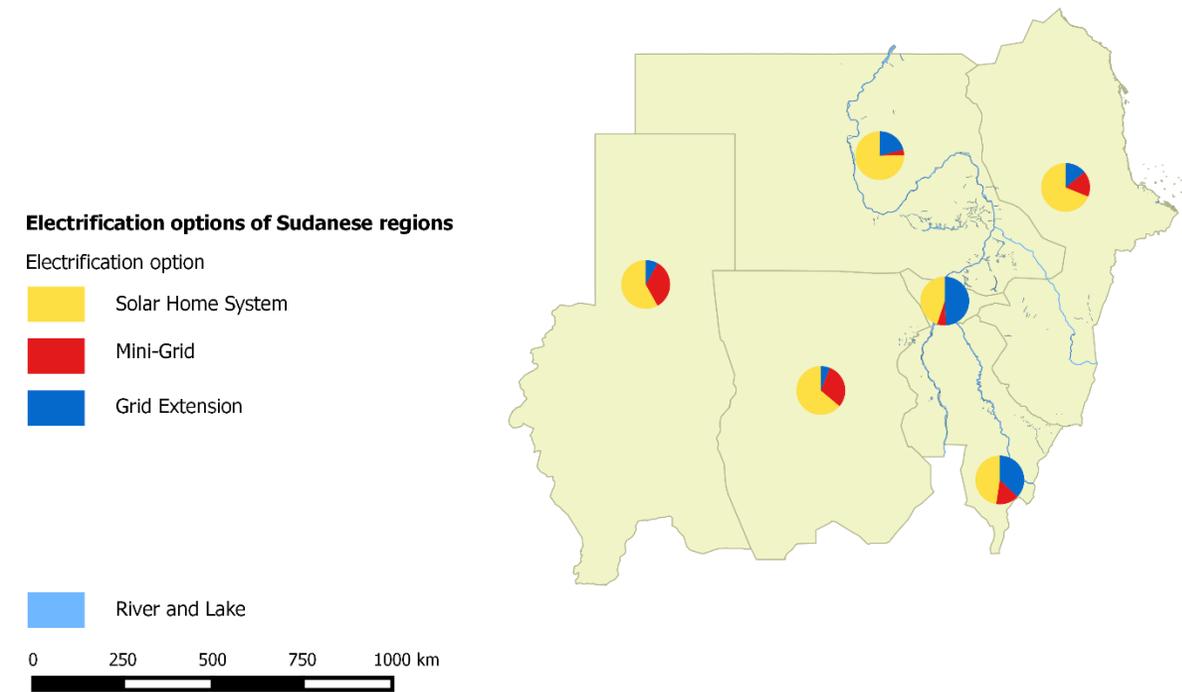
Grid Buffer (diameter)

-  50 km
-  Power Grid
-  River and Lake

0 250 500 750 1000 km



Electrification option in all Sudanese regions: GridPlanned-SHSDom



Electrification option: GridPlanned-SHSDom

Electrification option: GridPlanned-GridDom

Electrification options of Sudanese regions

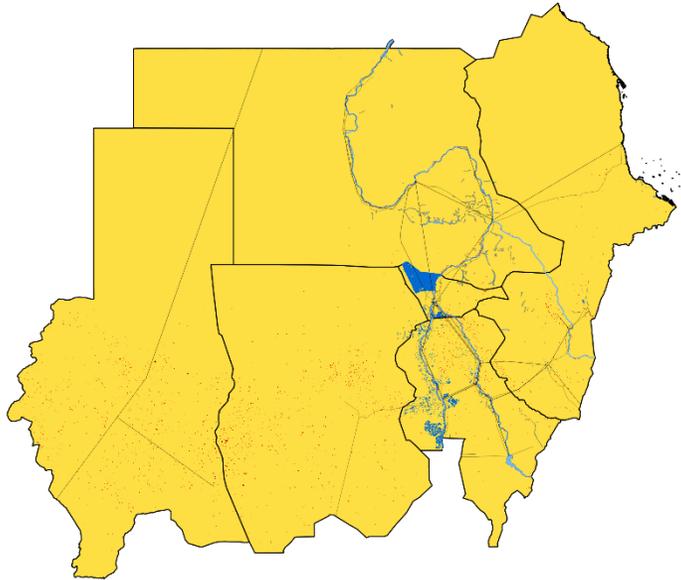
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

0 250 500 750 1000 km



Electrification options of Sudanese regions

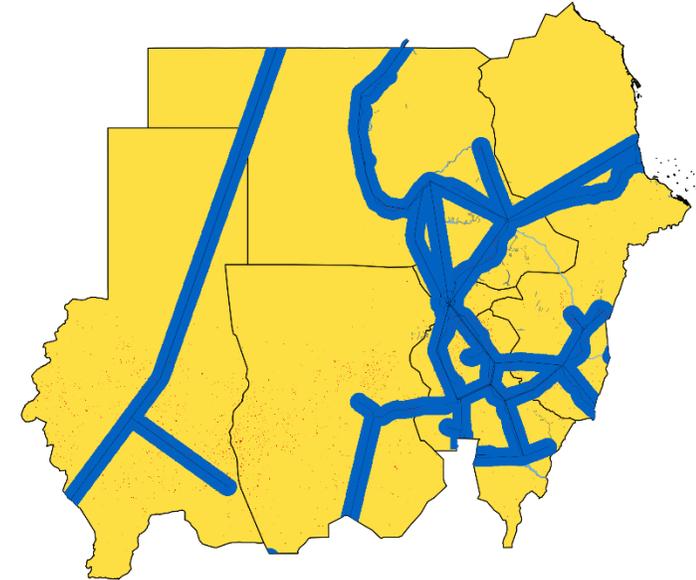
Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

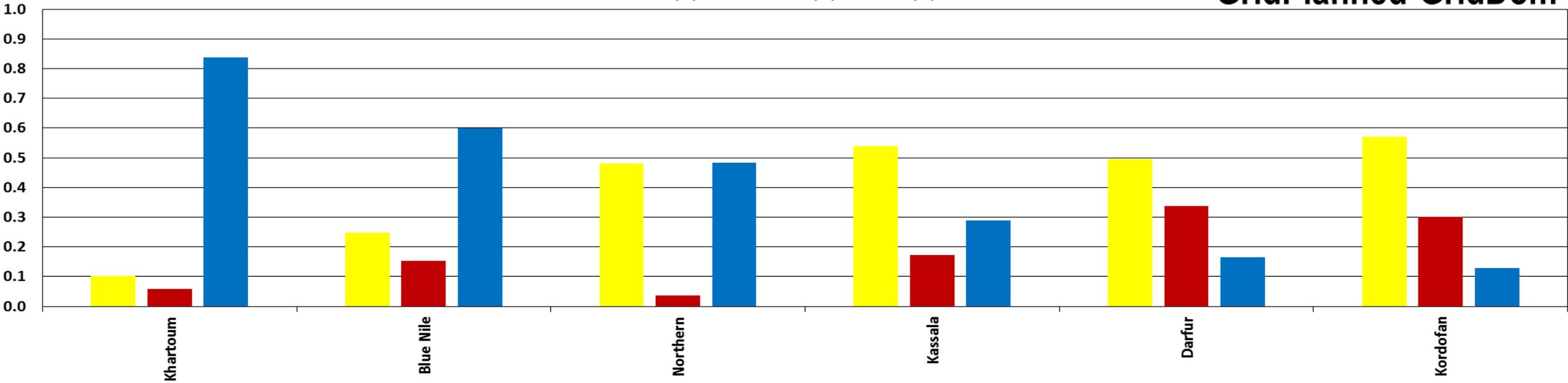
0 250 500 750 1000 km



Share of electrification options in all Sudanese regions

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

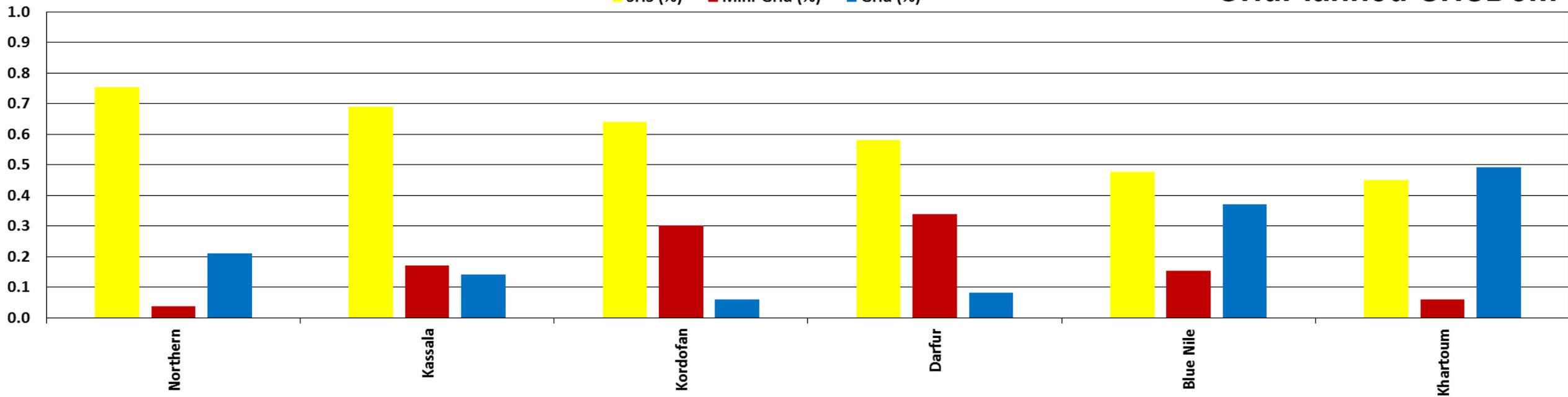
GridPlanned-GridDom



Share of electrification options in all Sudanese regions

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

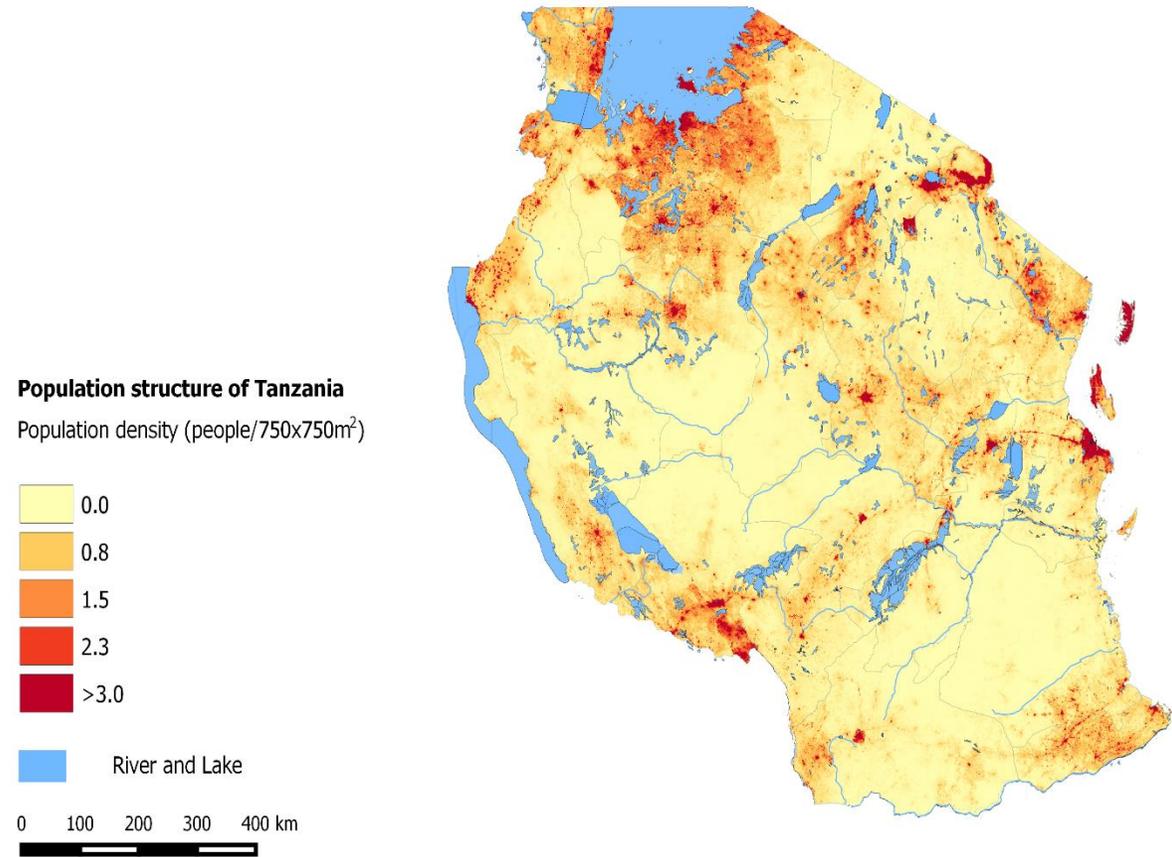
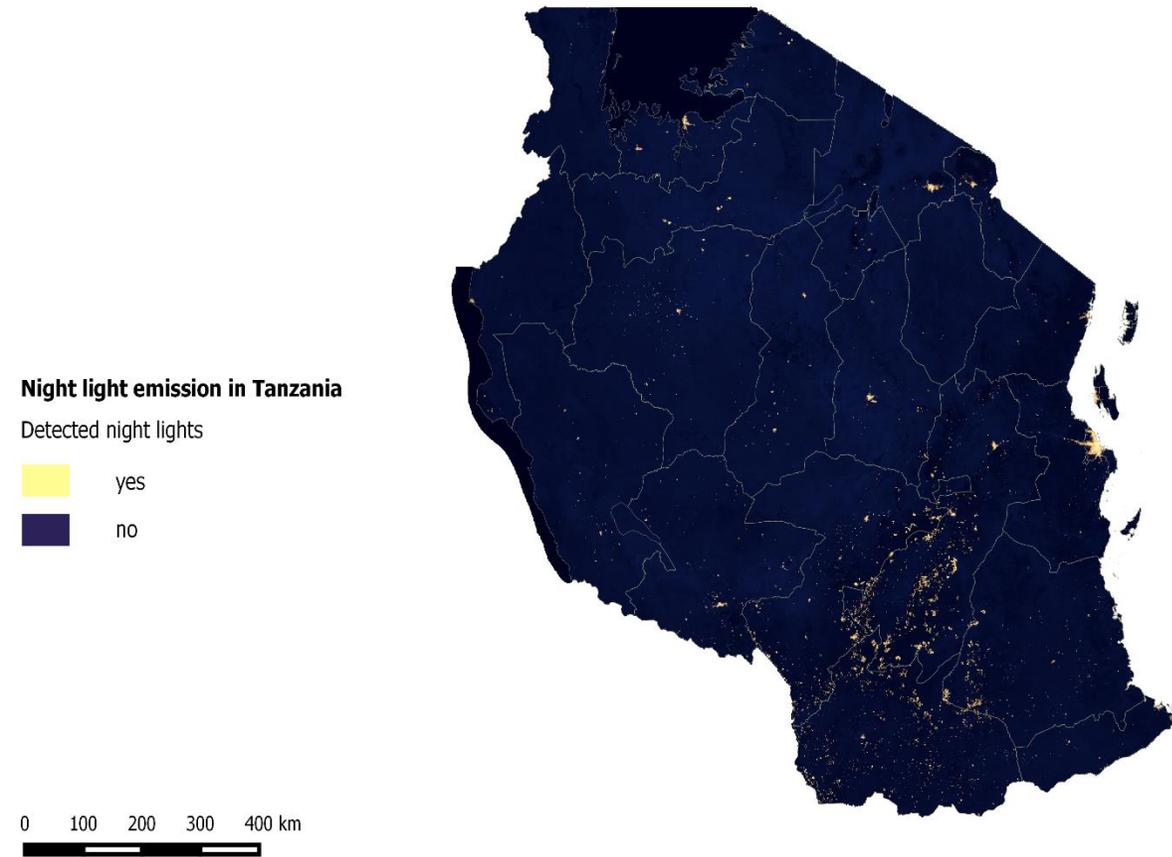
GridPlanned-SHSDom



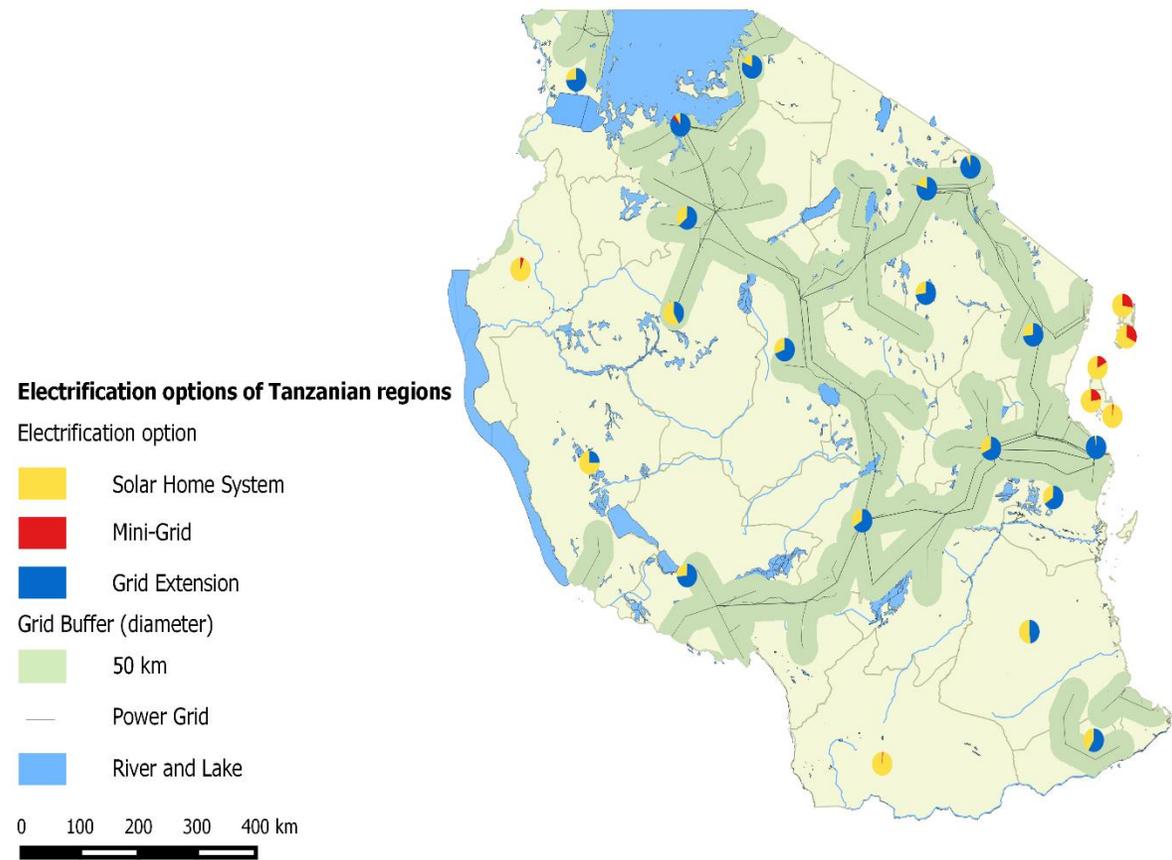
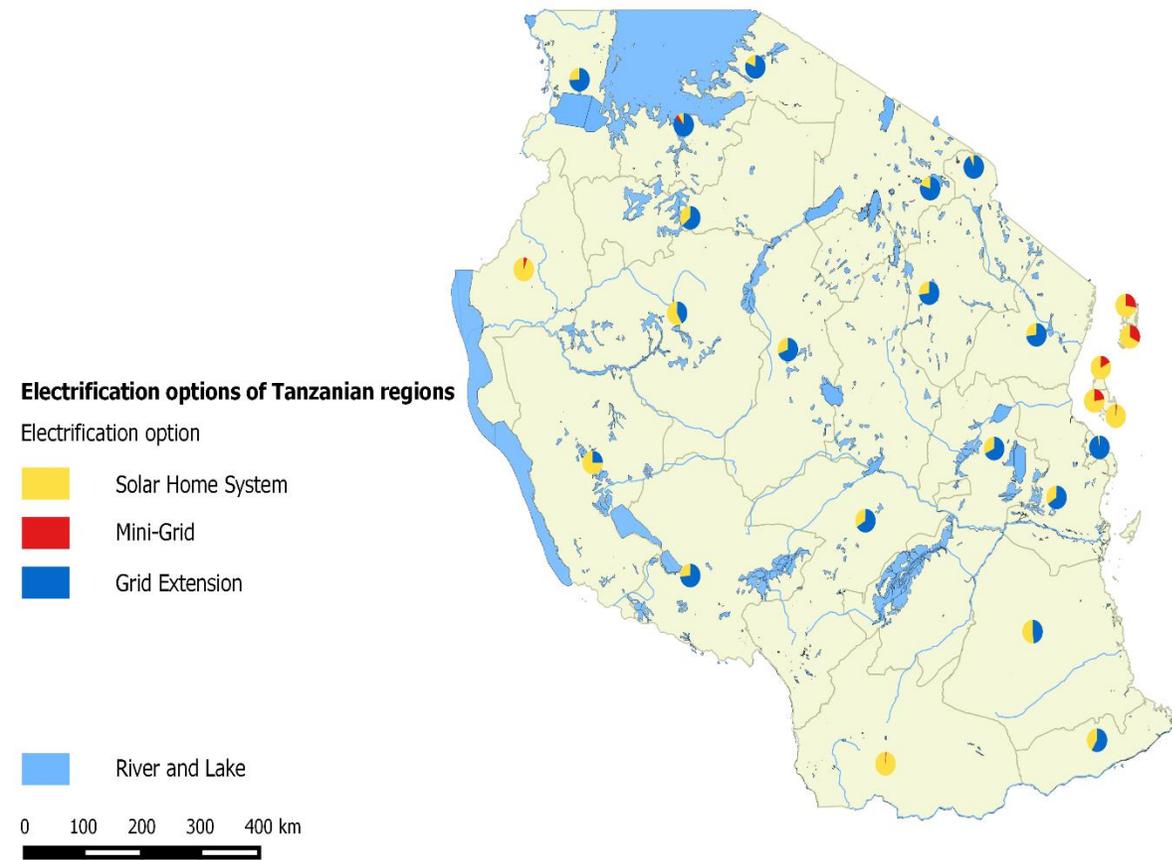
Tanzania



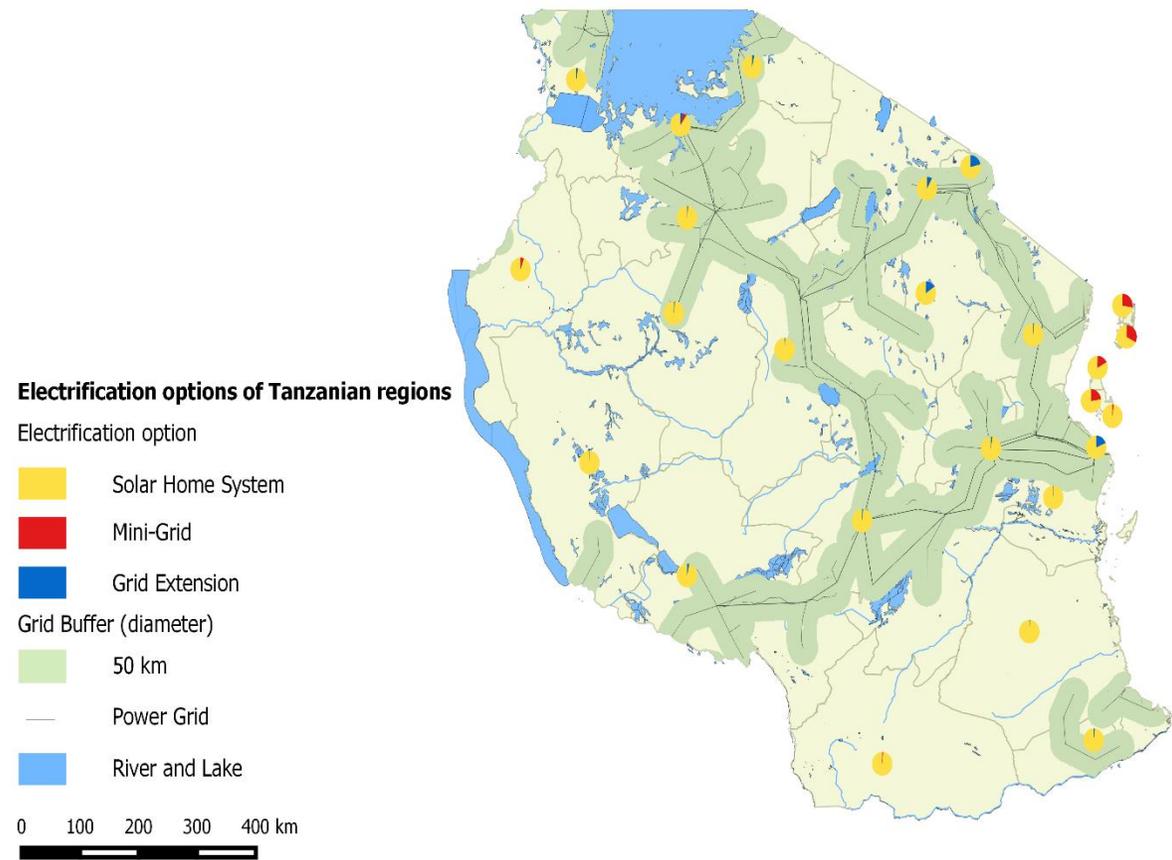
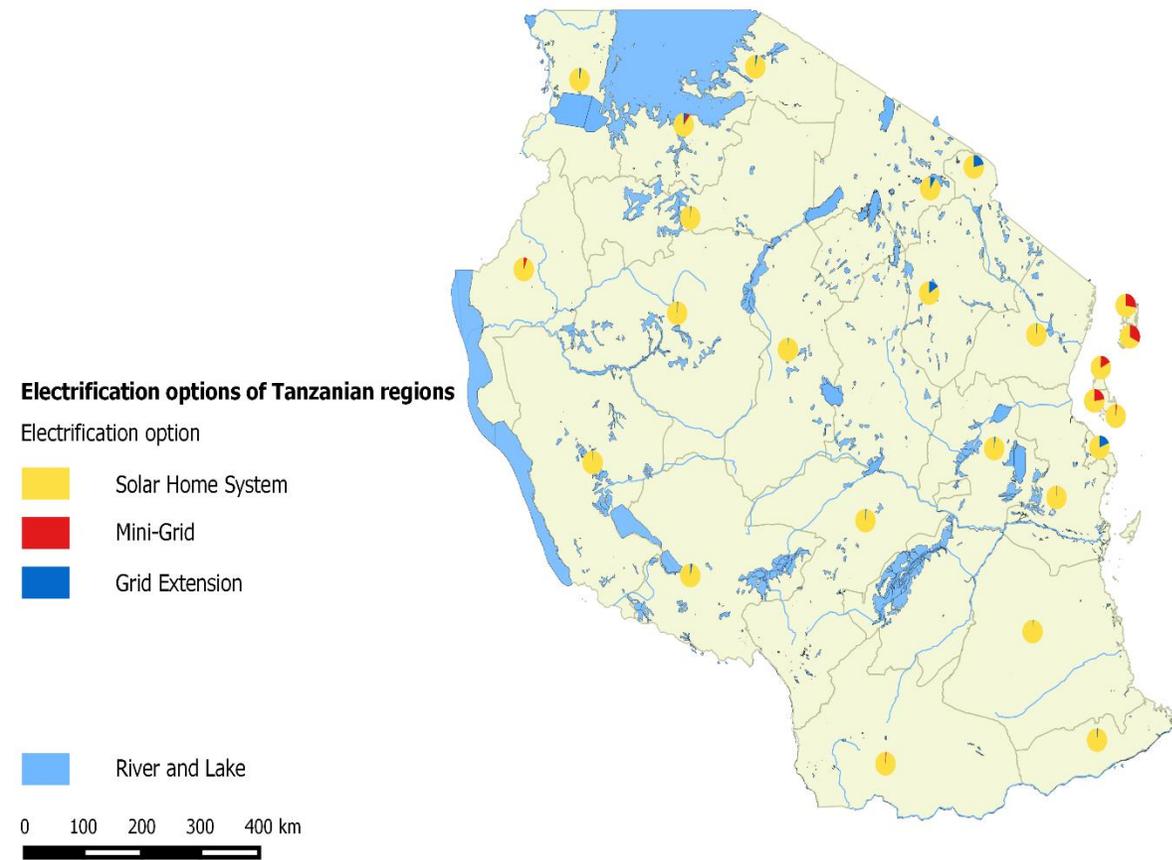
Night light emission and Population of Tanzanian regions



Electricfrication option in all Tanzanian regions: GridBuilt-SHSDom

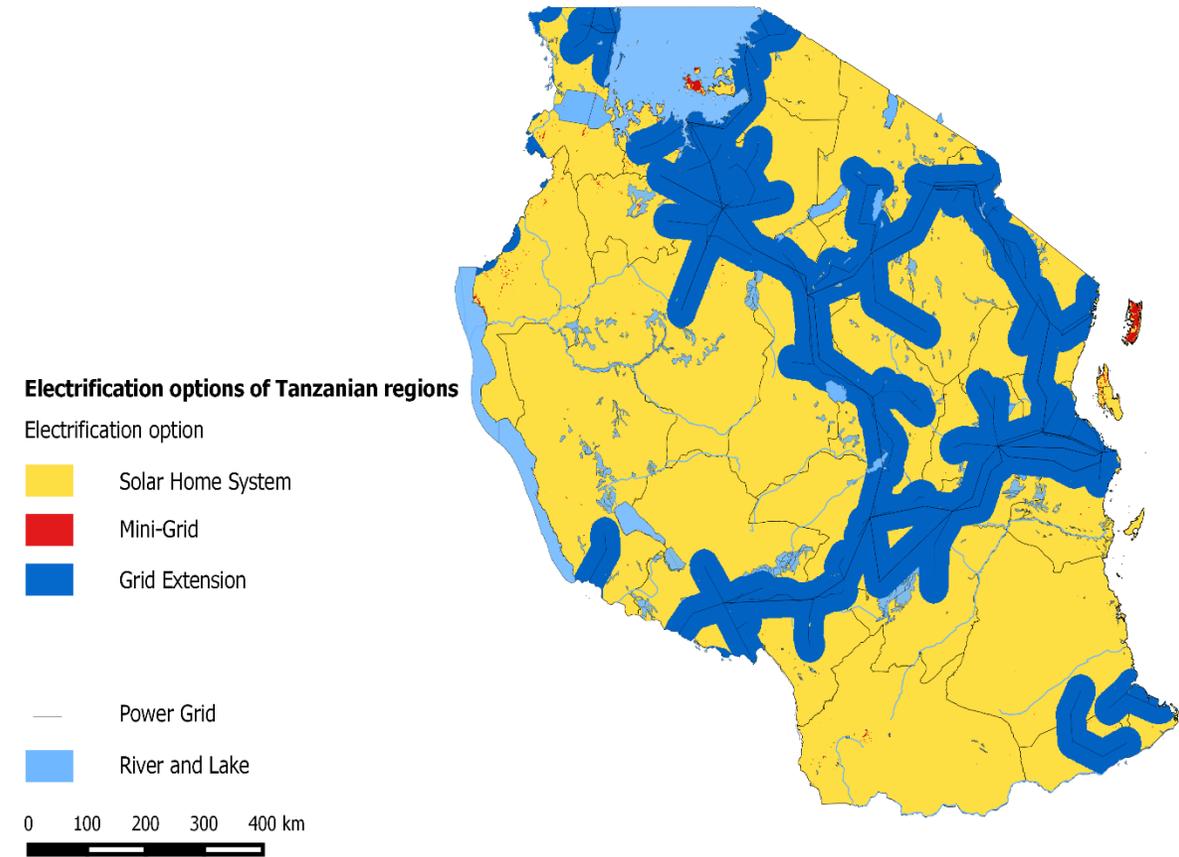
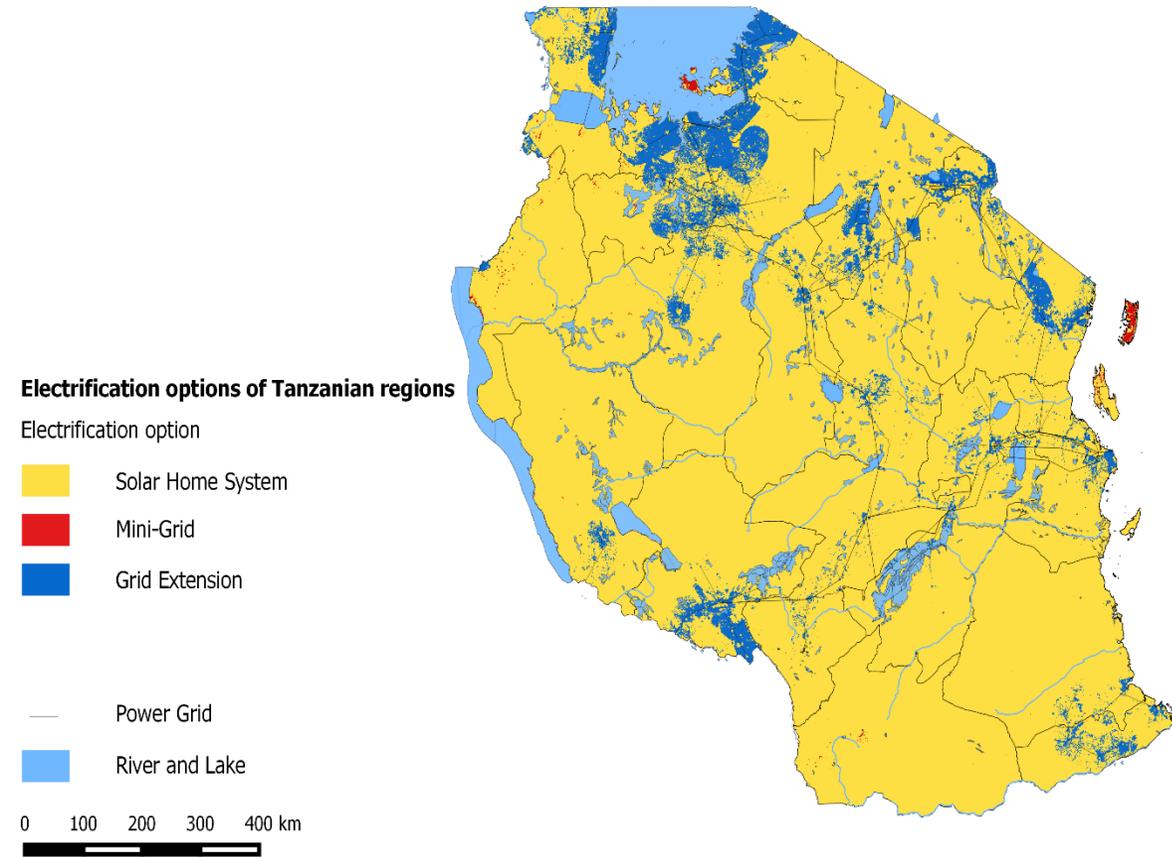


Electricfrication option in all Tanzanian regions: GridBuilt-GridDom



Electricfrication option: GridBuilt-SHSDom

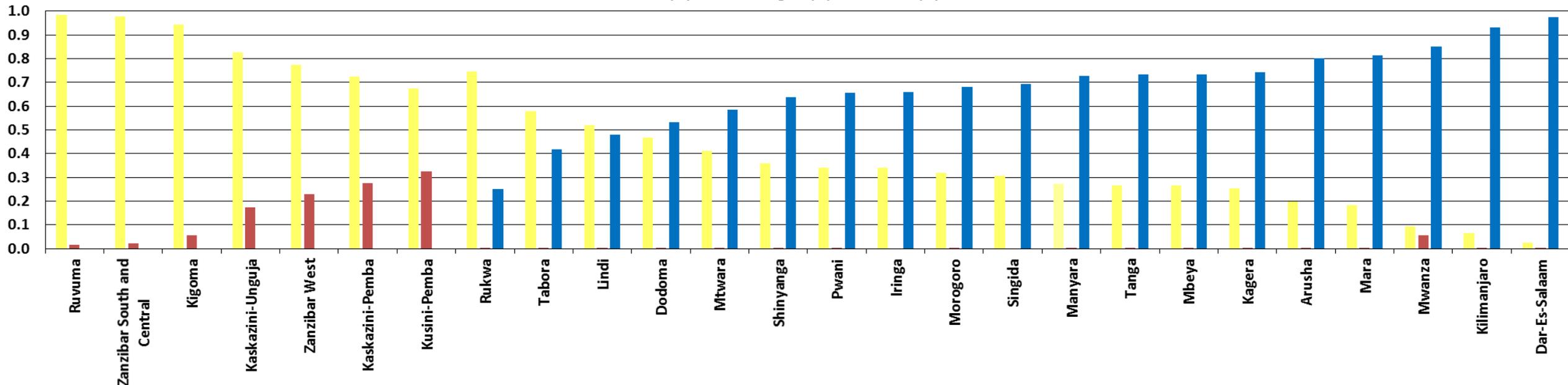
Electricfrication option: GridBuilt-GridDom



Share of electrification options in all Tanzanian regions

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

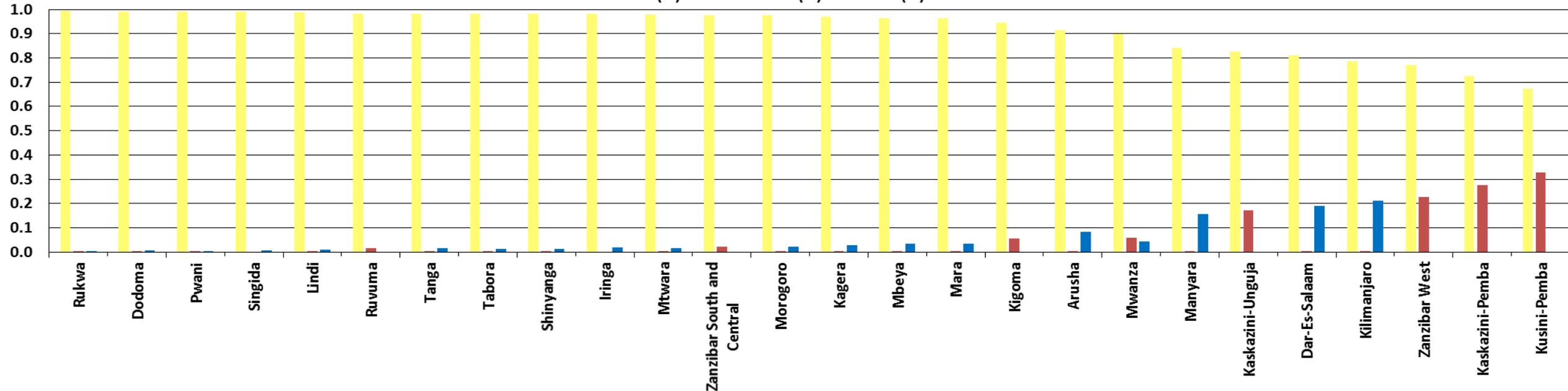
GridBuilt-GridDom



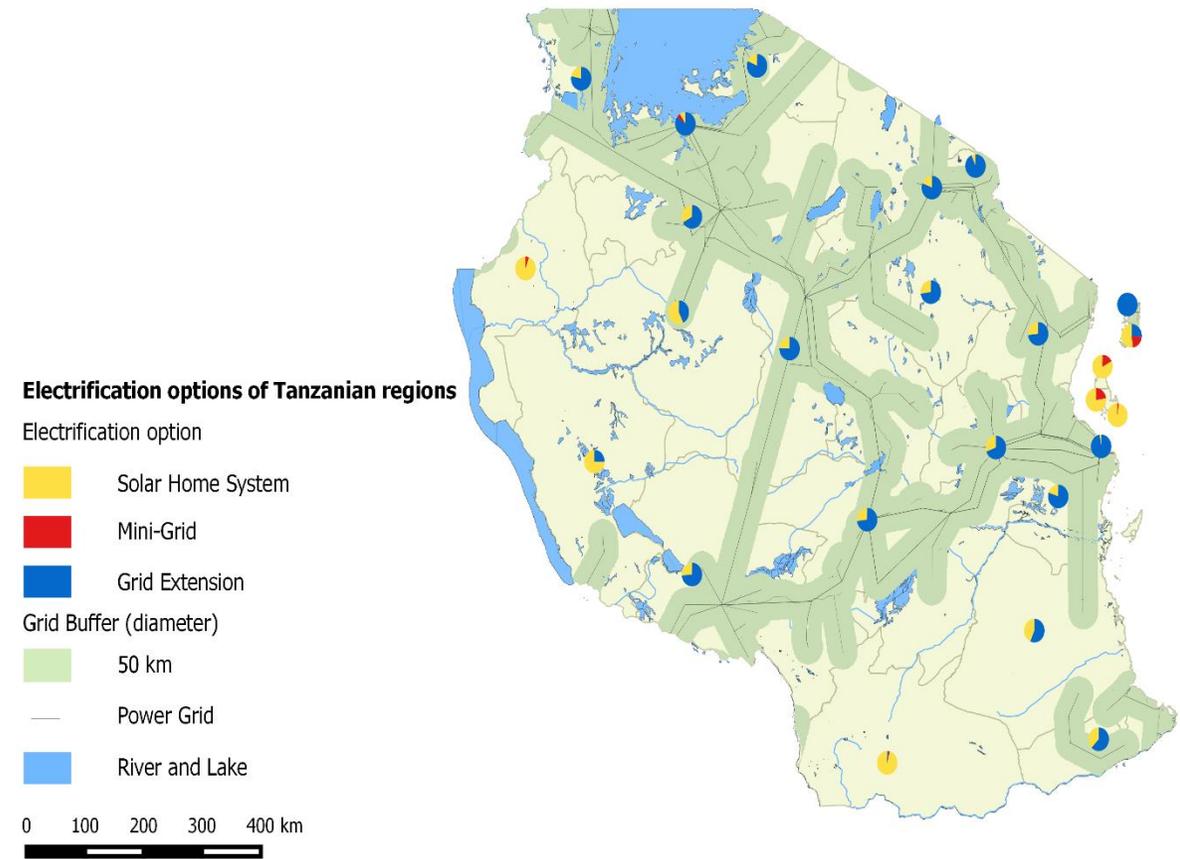
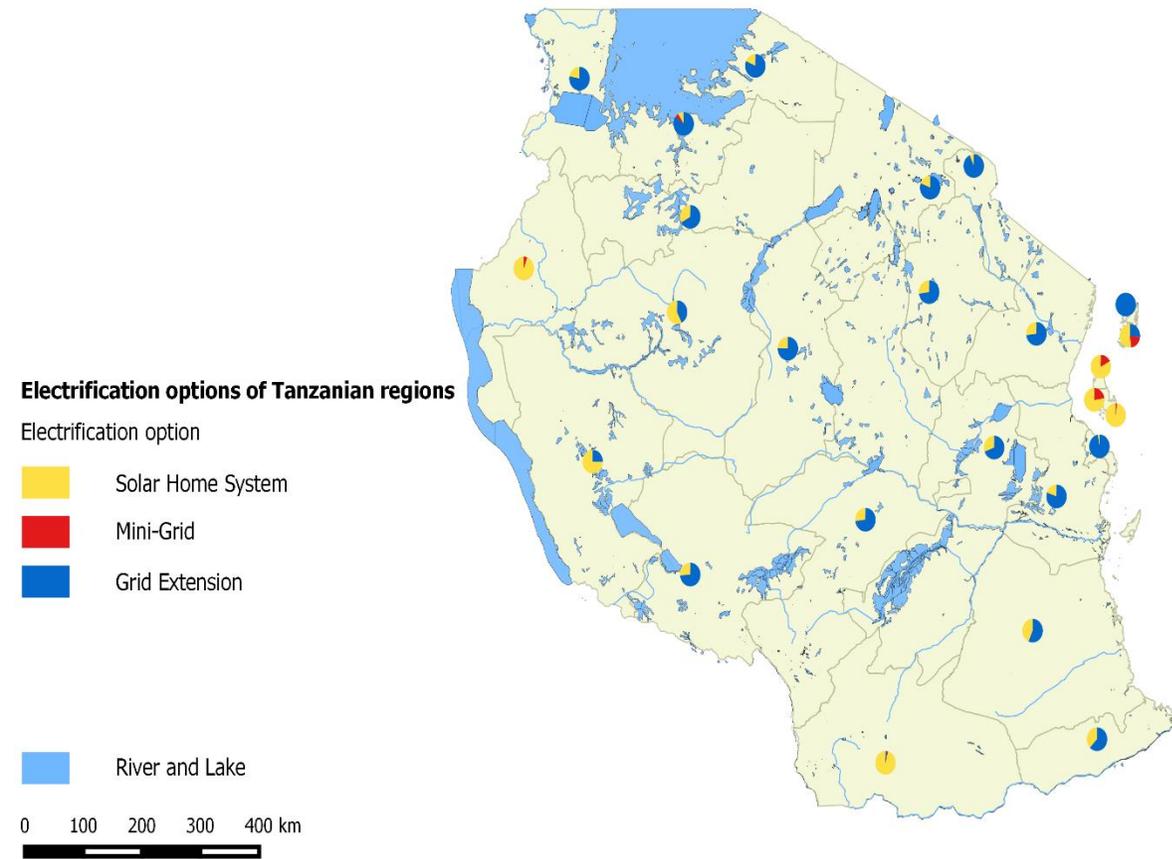
Share of electrification options in all Tanzanian regions

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

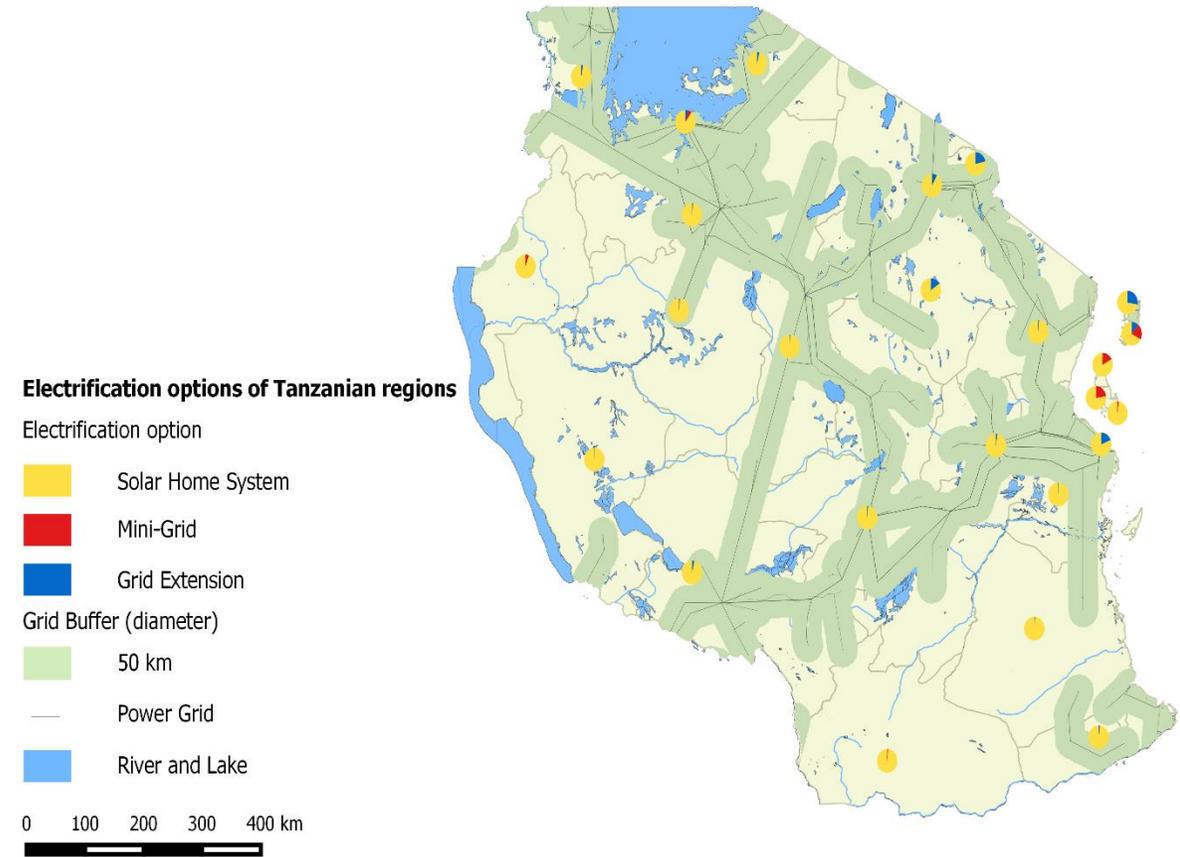
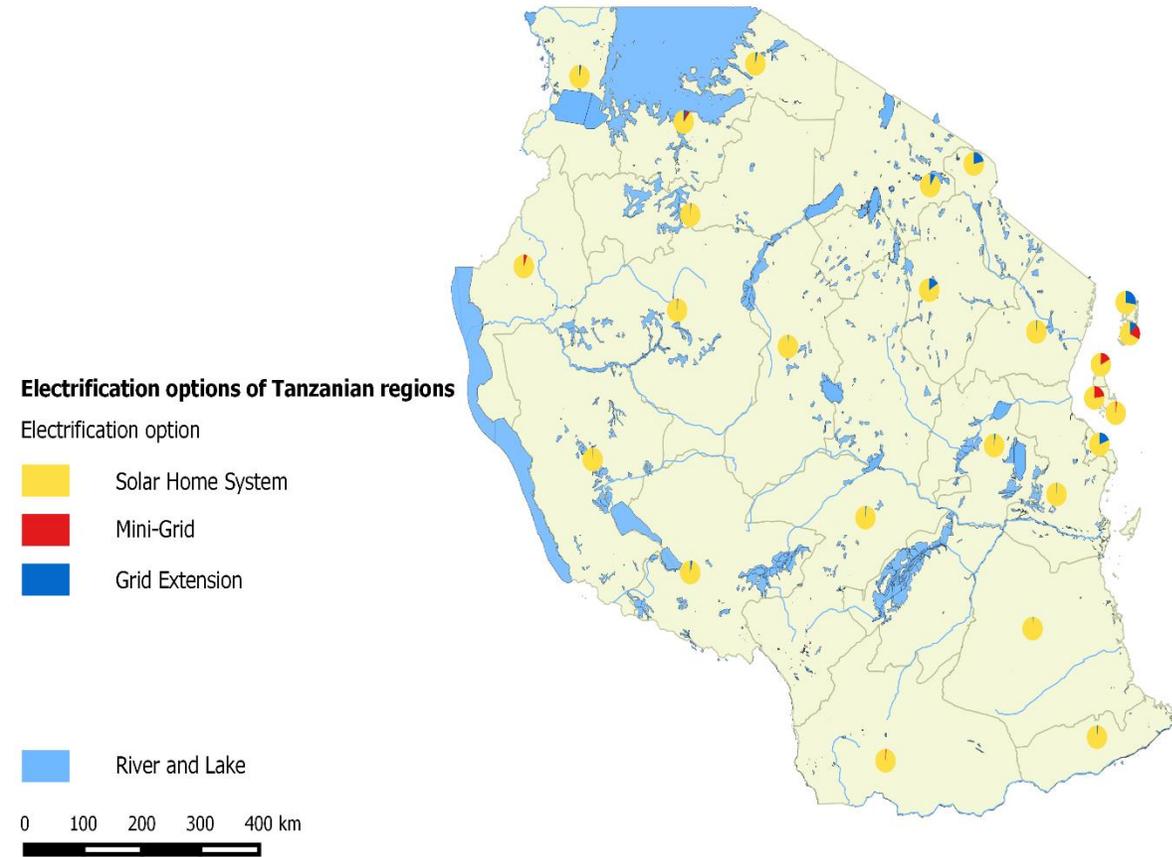
GridBuilt-SHSDom



Electricfrication option in all Tanzanian regions: GridPlanned-GridDom

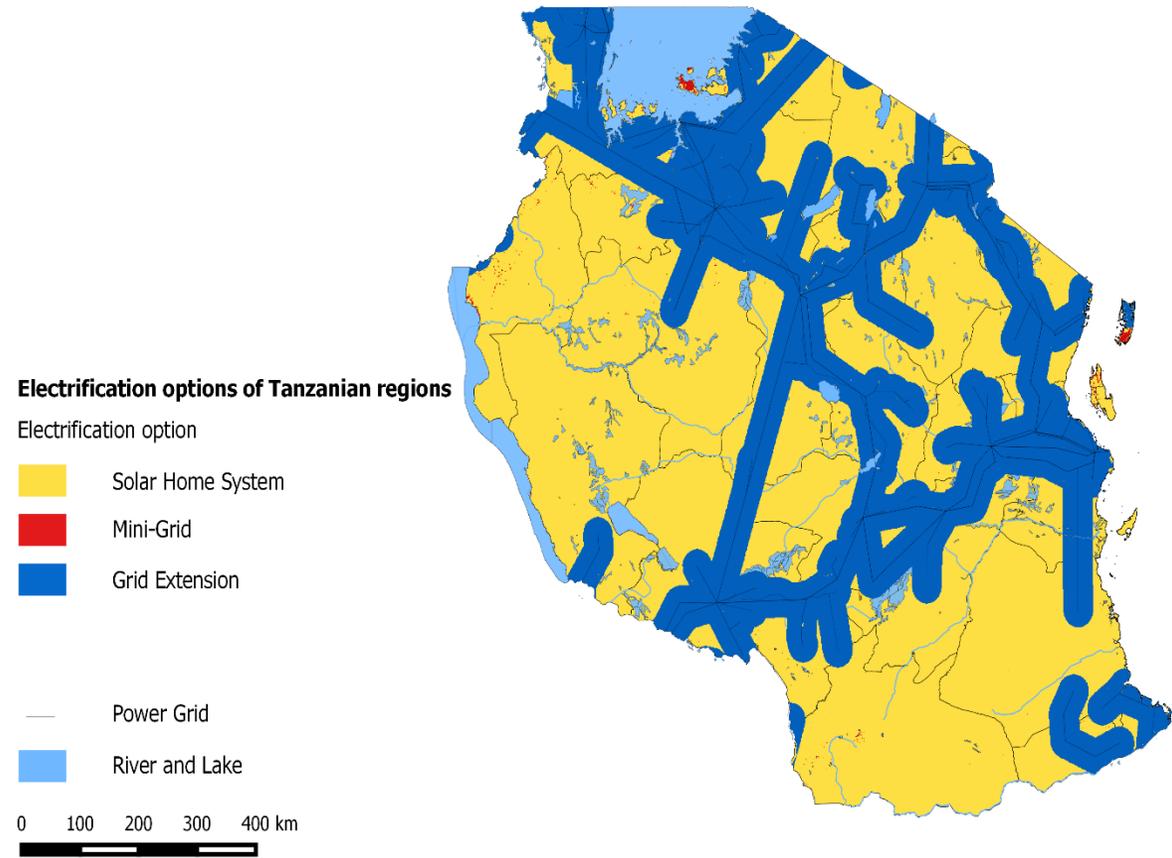
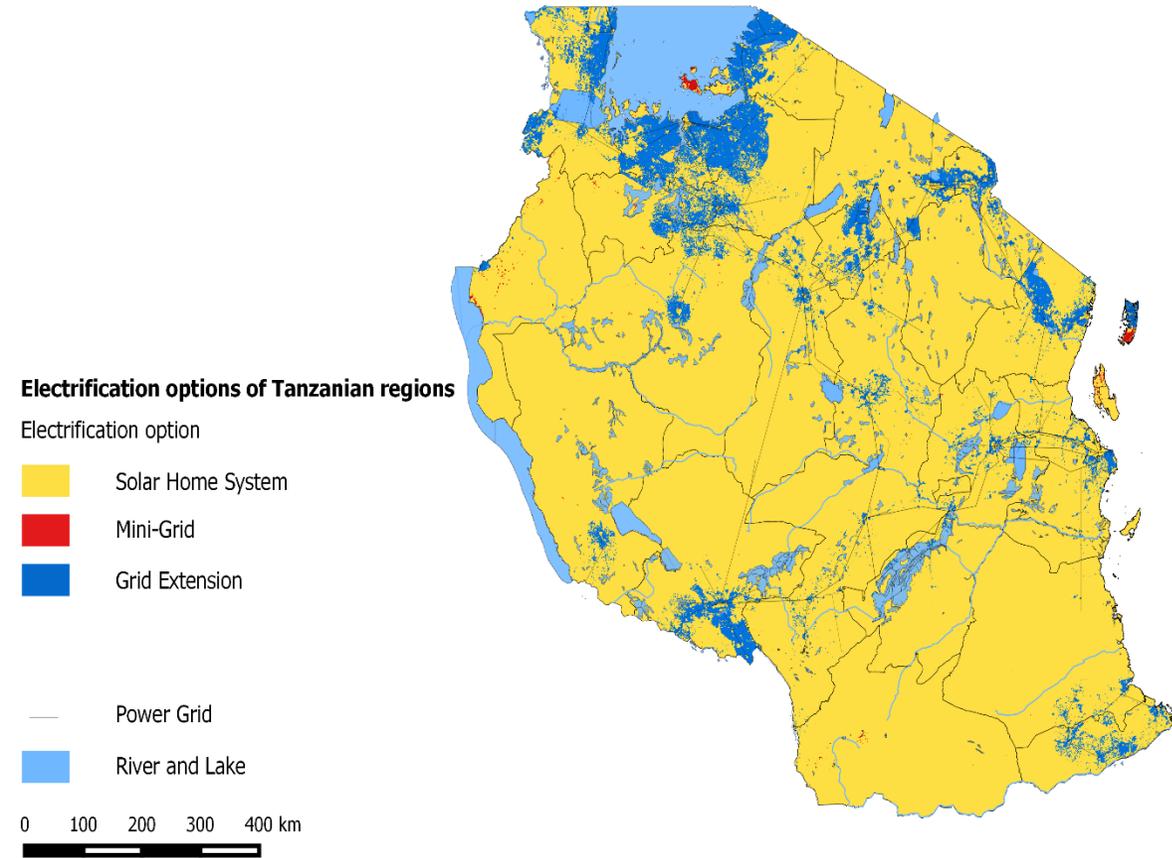


Electricfrication option in all Tanzanian regions: GridPlanned-SHSDom



Electricfrication option: GridPlanned-SHSDom

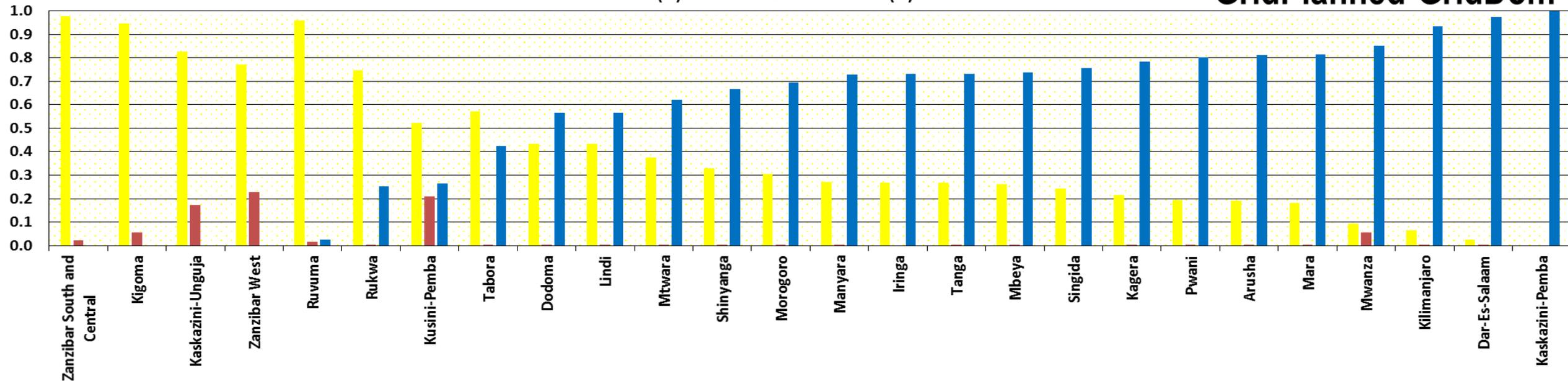
Electricfrication option: GridPlanned-GridDom



Share of electrification options in all Tanzanian regions

SHS (%) Mini-Grid Grid (%)

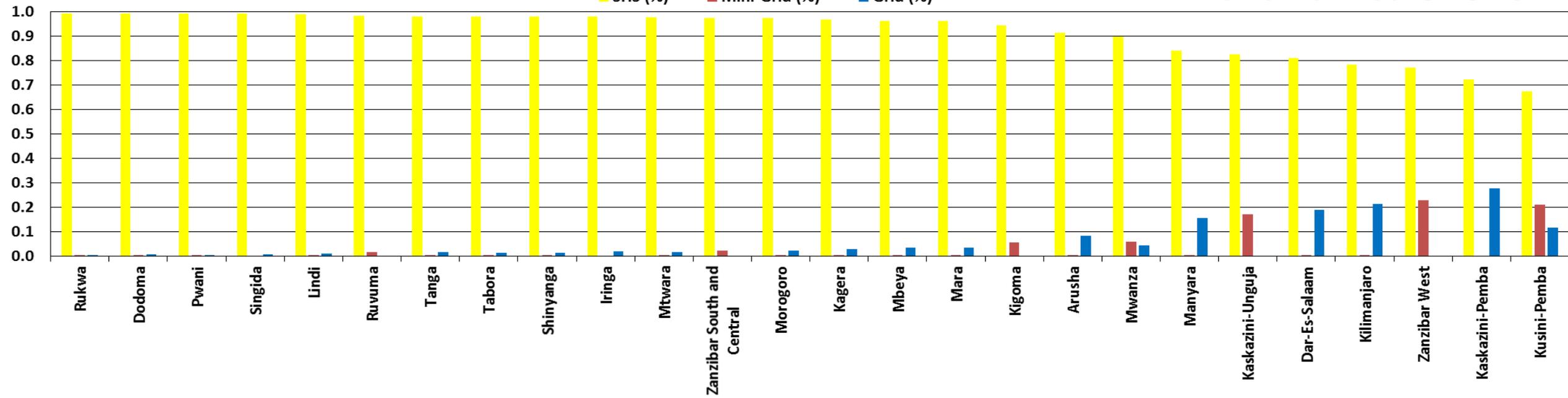
GridPlanned-GridDom



Share of electrification options in all Tanzanian regions

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

GridPlanned-SHSDom



Uganda



Night light emission and Population of Ugandan regions

Night light emission in Uganda

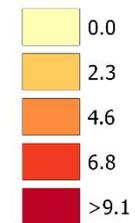
Detected night lights



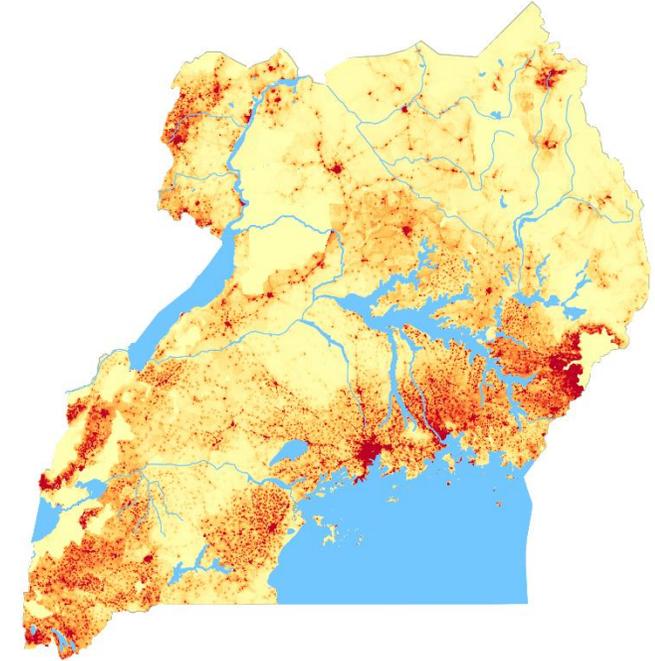
0 100 200 300 400 km

Population structure of Uganda

Population density (people/750x750m²)

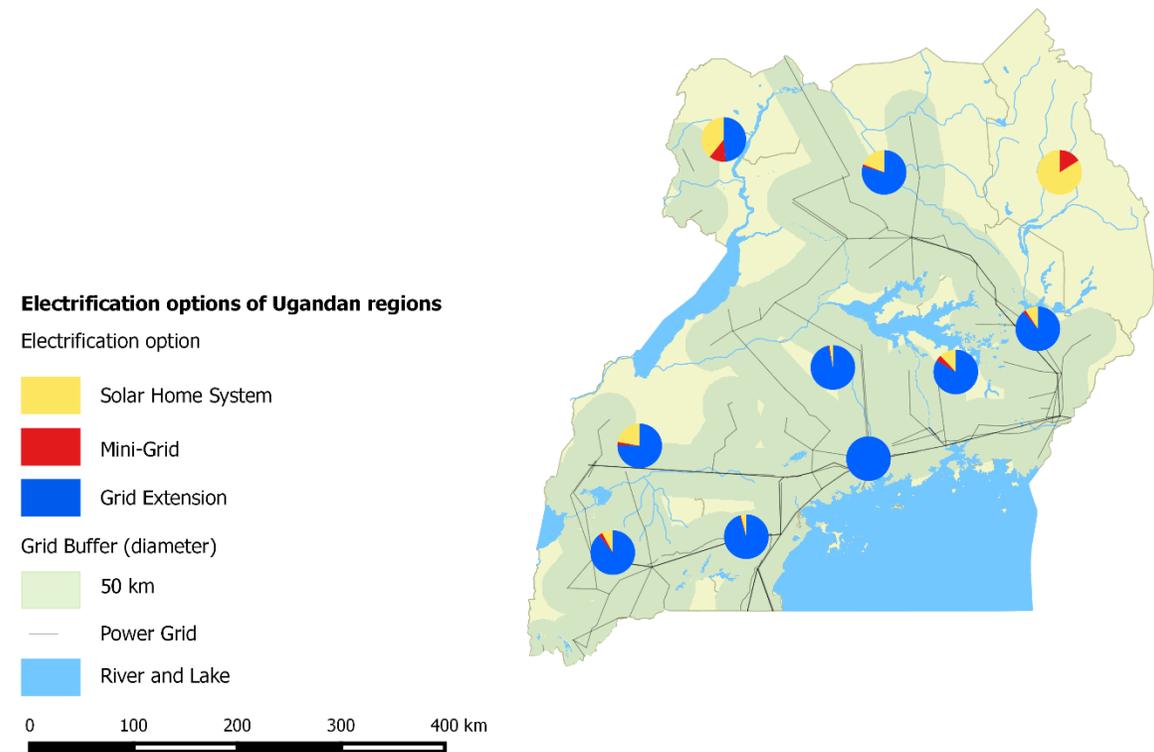
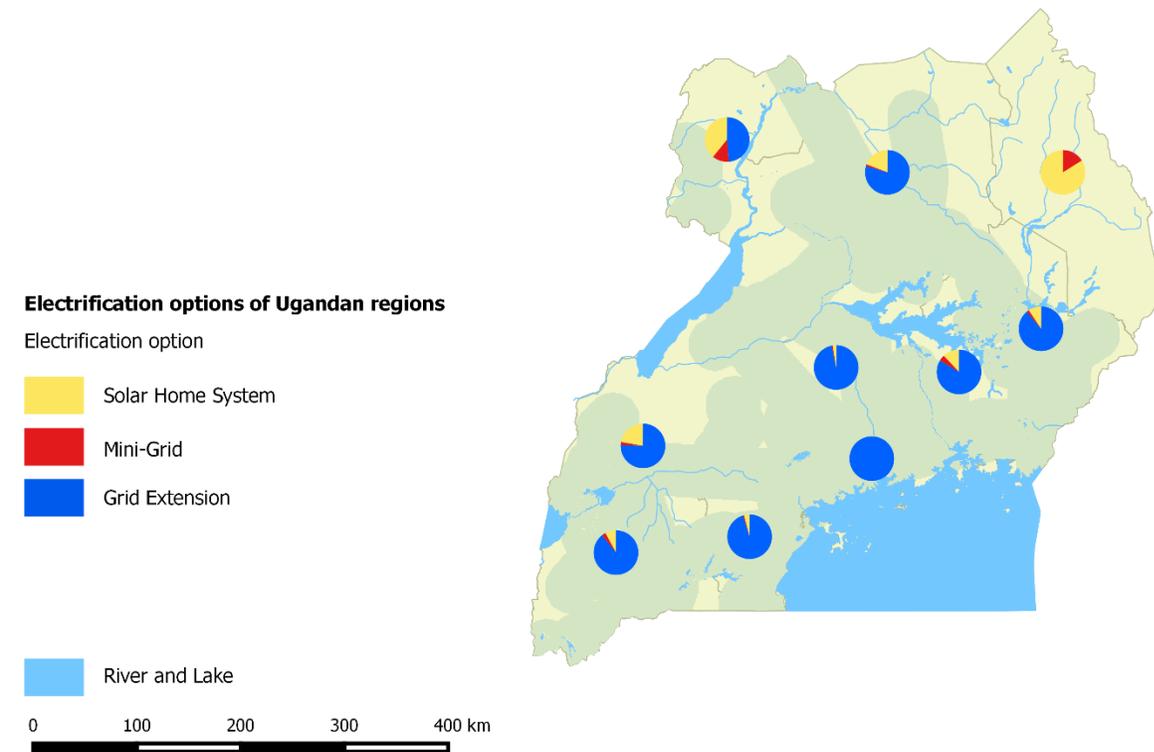


River and Lake (blue)

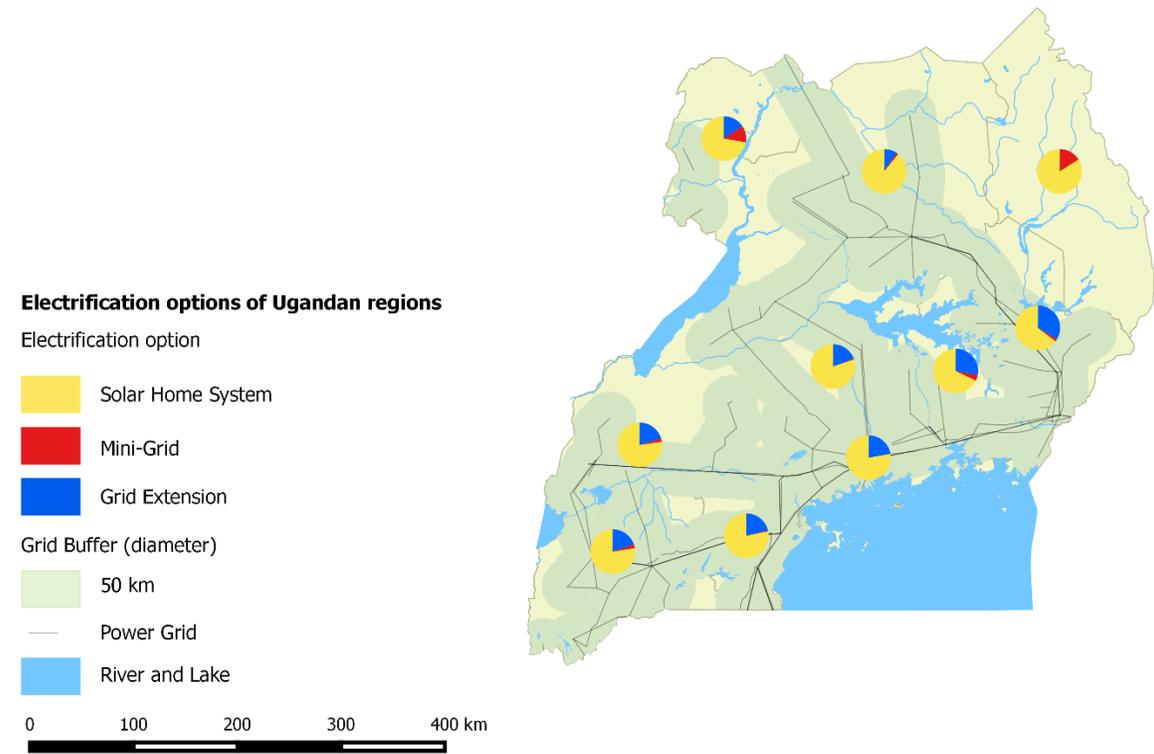
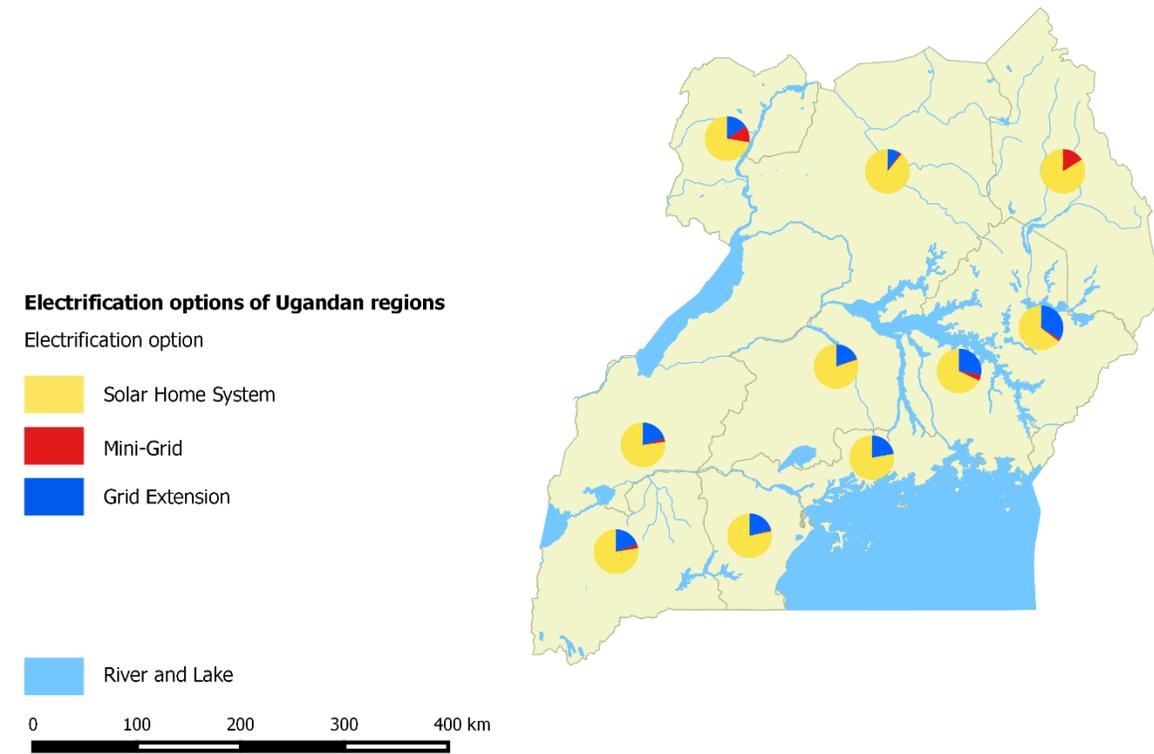


0 100 200 300 400 km

Electrification option in all Ugandan regions: GridBuilt-GridDom

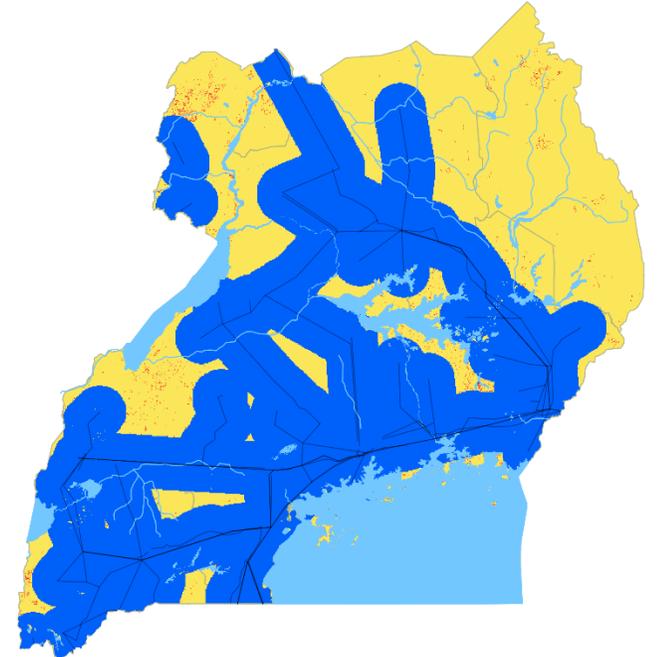
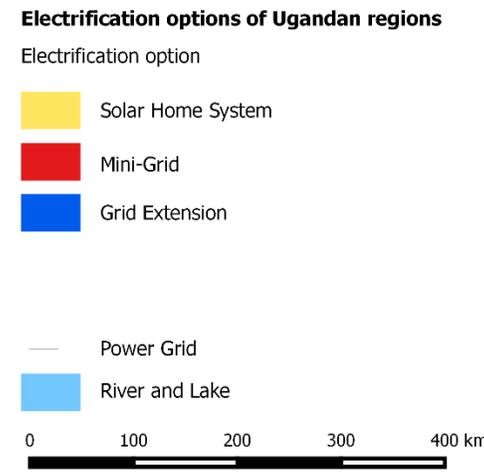
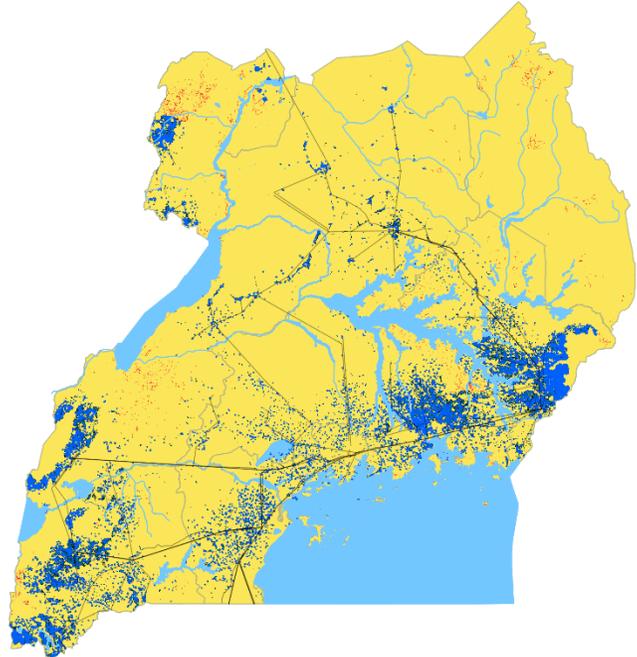
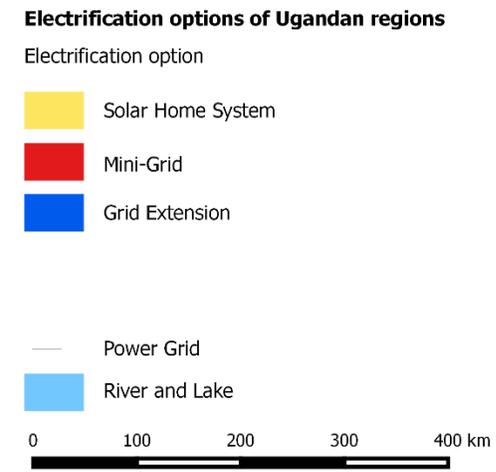


Electrification option in all Ugandan regions: GridBuilt-SHSDom



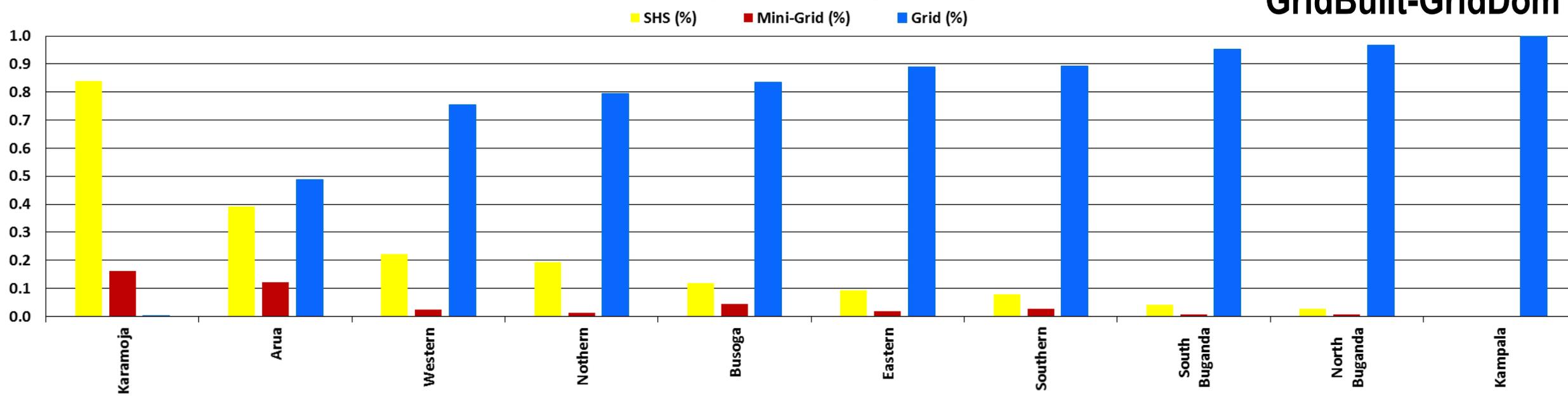
Electrification option: GridBuilt-SHSDom

Electrification option: GridBuilt-GridDom



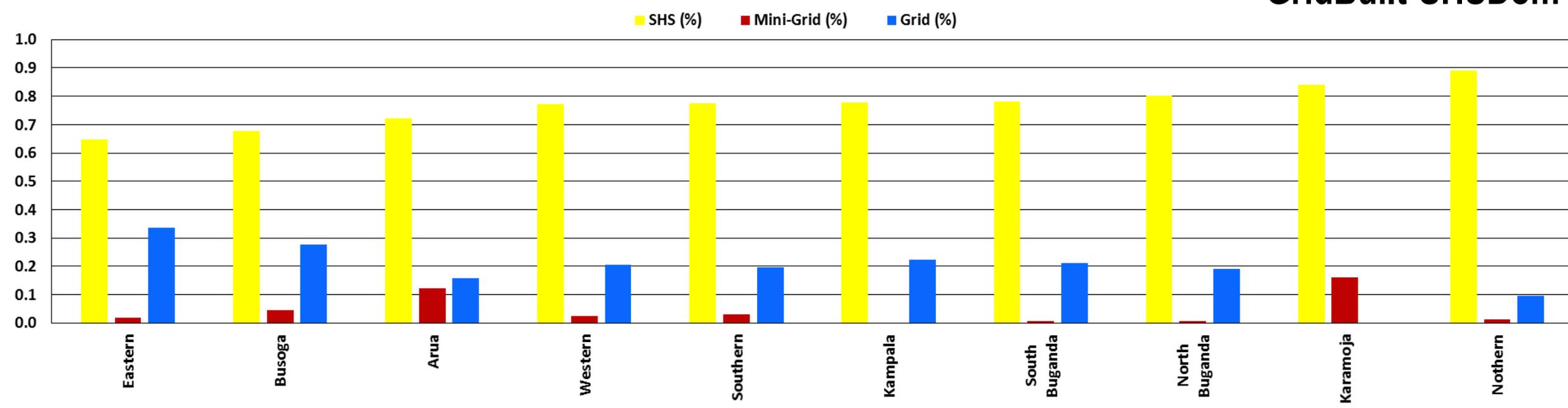
Share of electricity options in all Ugandan regions

GridBuilt-GridDom

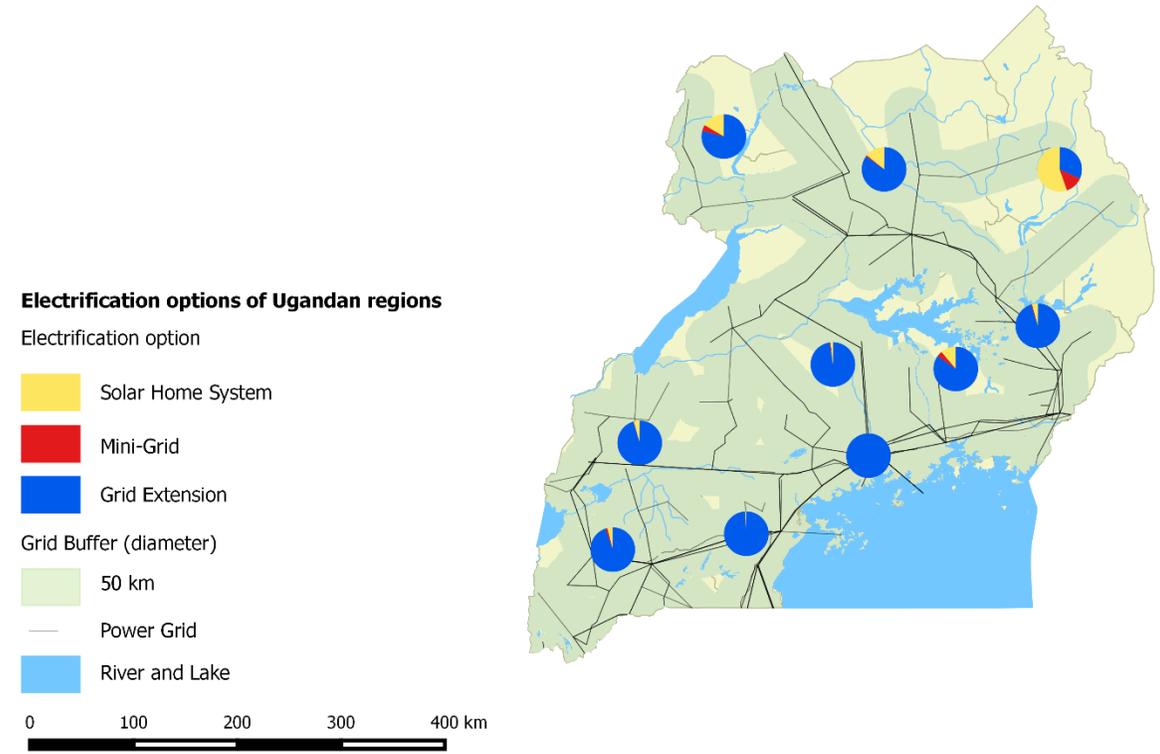
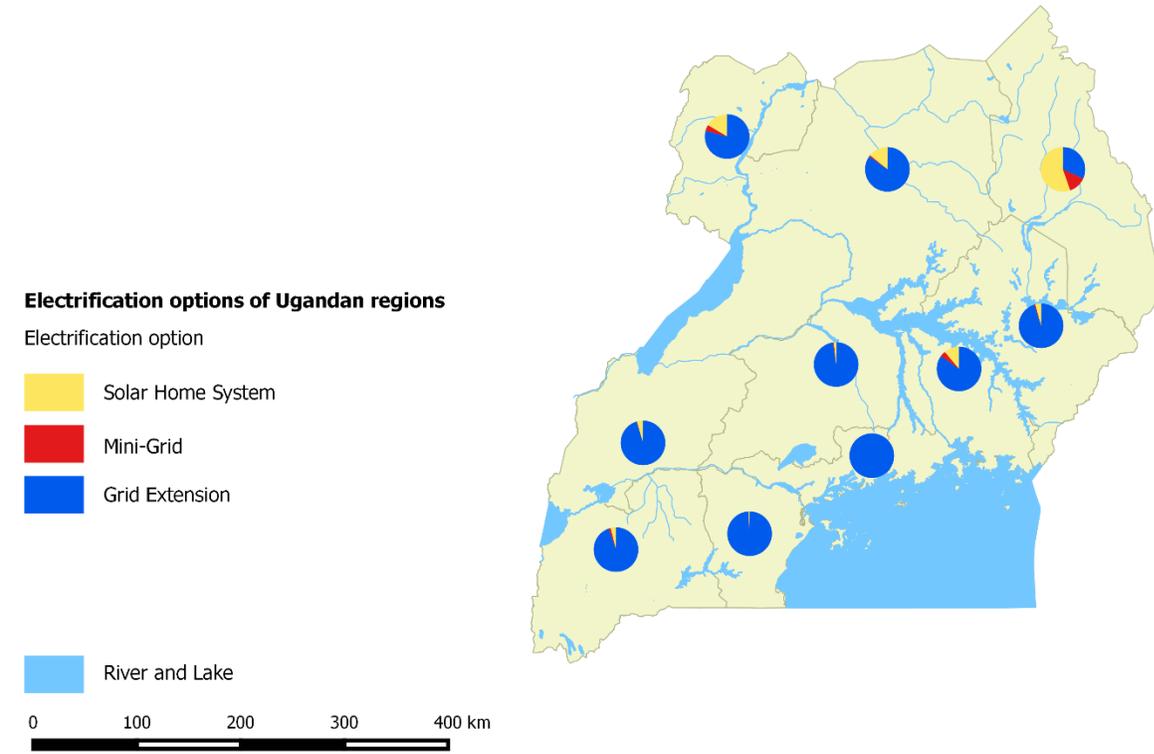


Share of electricity options in all Ugandan regions

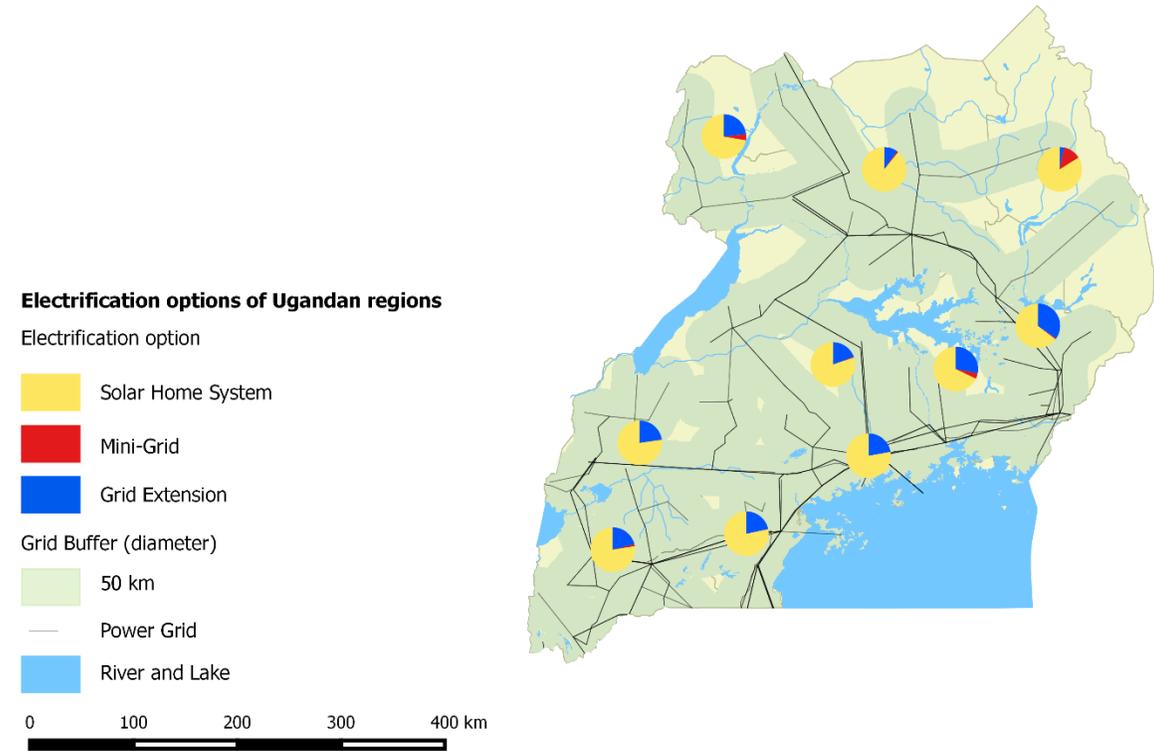
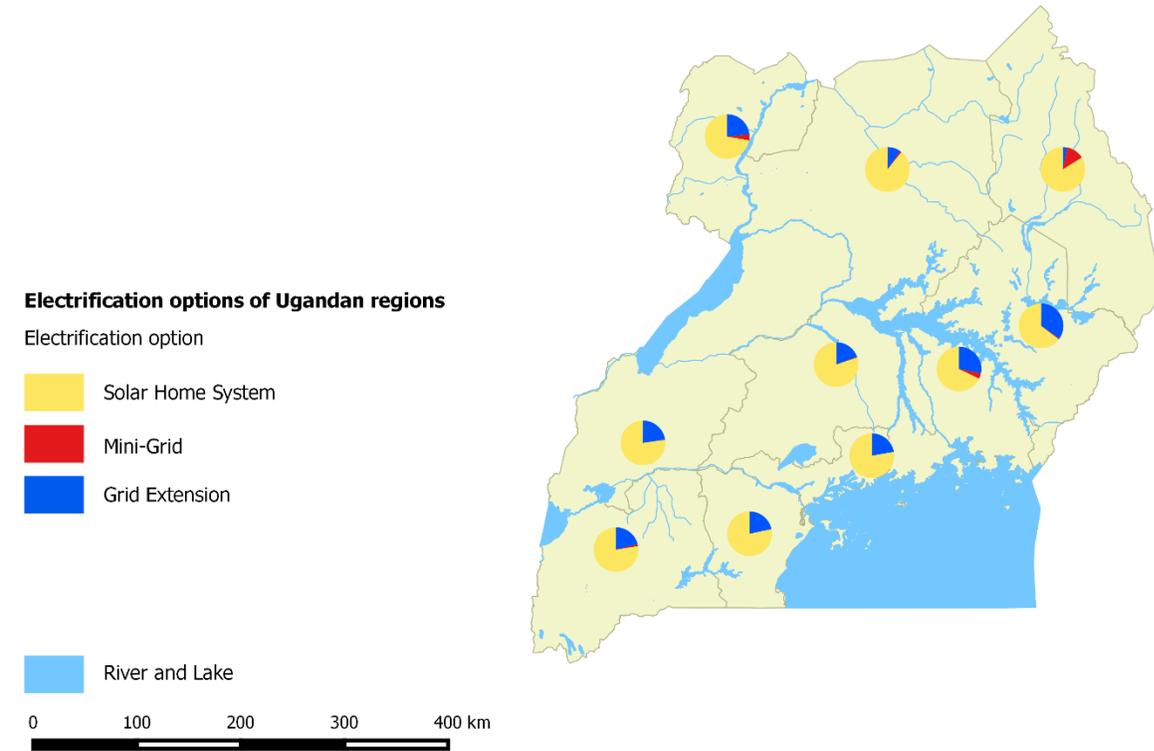
GridBuilt-SHSDom



Electrification option in all Ugandan regions: GridPlanned-GridDom



Electrification option in all Ugandan regions: GridPlanned-SHSDom



Electrification option: GridPlanned-SHSDom

Electrification option: GridPlanned-GridDom

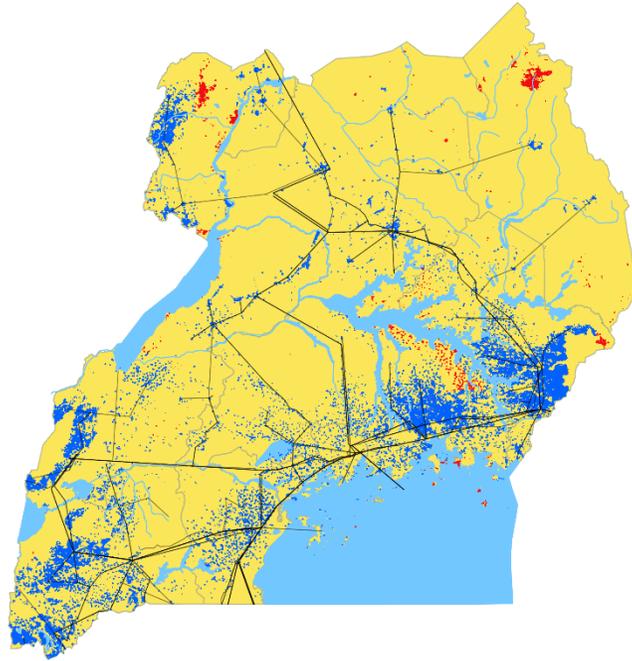
Electrification options of Ugandan regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

-  Power Grid
-  River and Lake

0 100 200 300 400 km



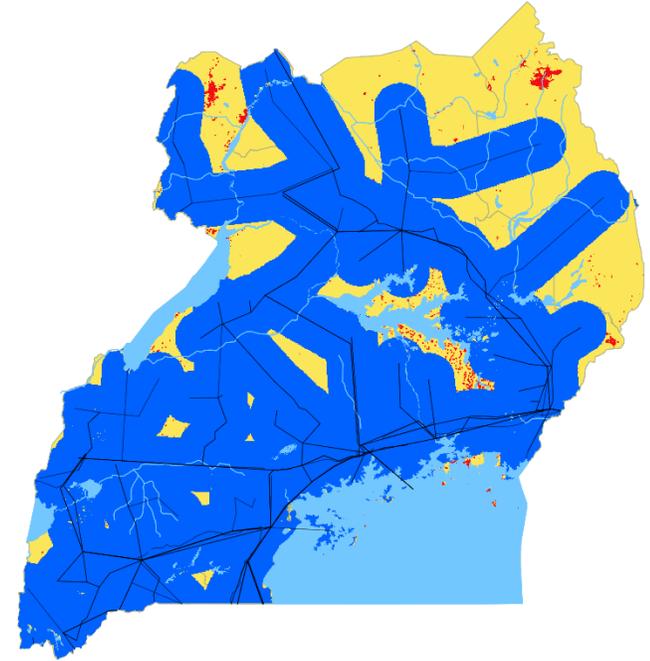
Electrification options of Ugandan regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

-  Power Grid
-  River and Lake

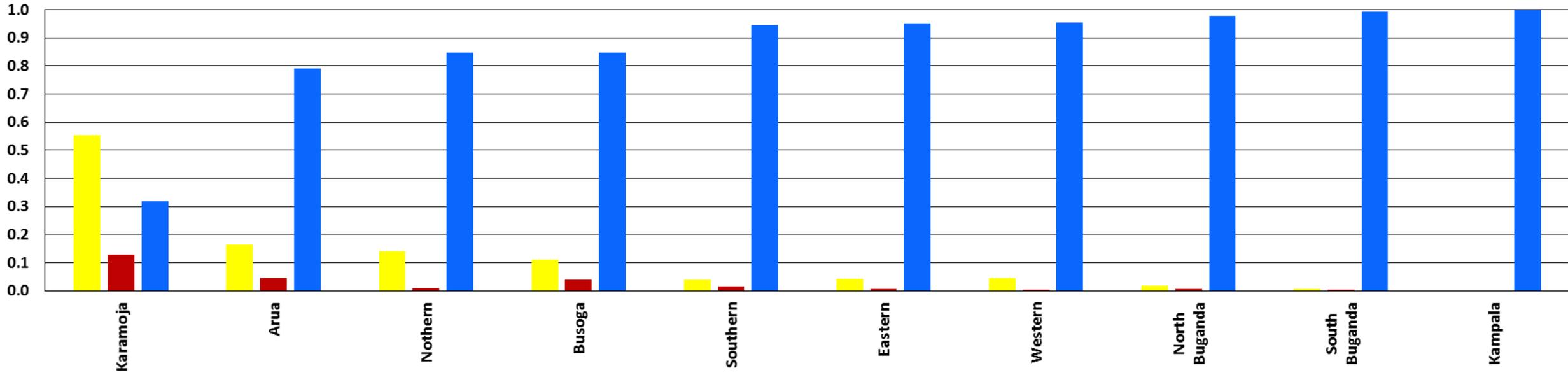
0 100 200 300 400 km



Share of electricity options in all Ugandan regions

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

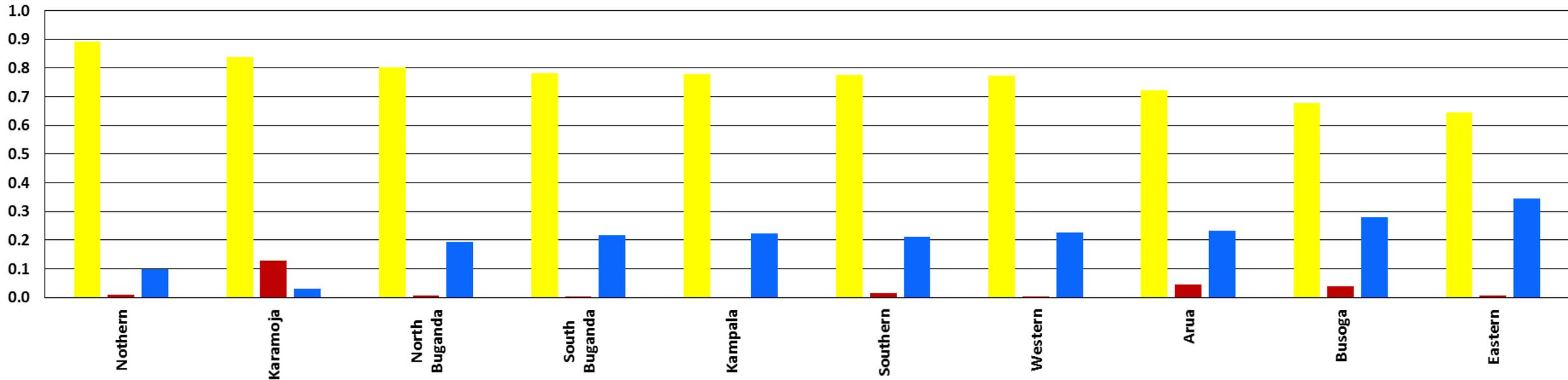
GridPlanned-GridDom



Share of electricity options in all Ugandan regions

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

GridPlanned-SHSDom



Zambia



Night light emission and Population of Zambian regions

Night light emission in Zambia

Detected night lights

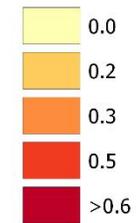


0 100 200 300 400 km



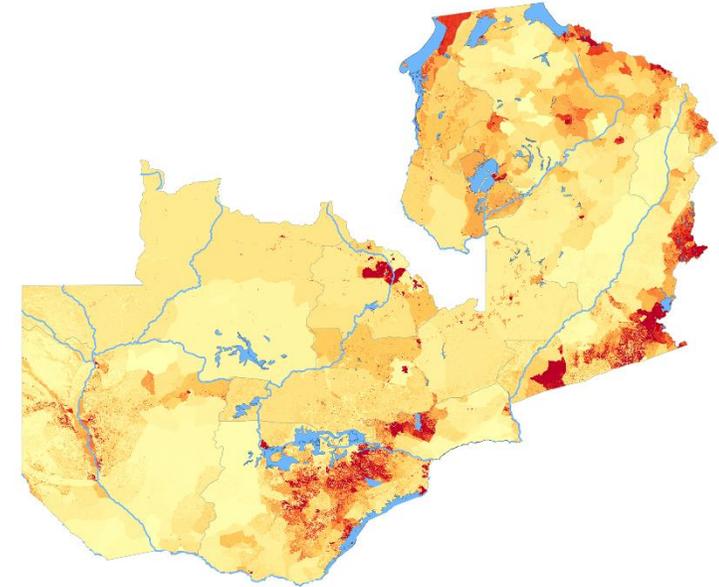
Population structure of Zambia

Population density (people/750x750m²)



River and Lake

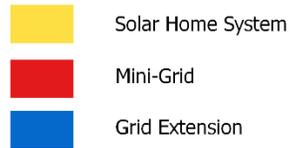
0 100 200 300 400 km



Electrification option in all Zambian regions: GridBuilt-GridDom

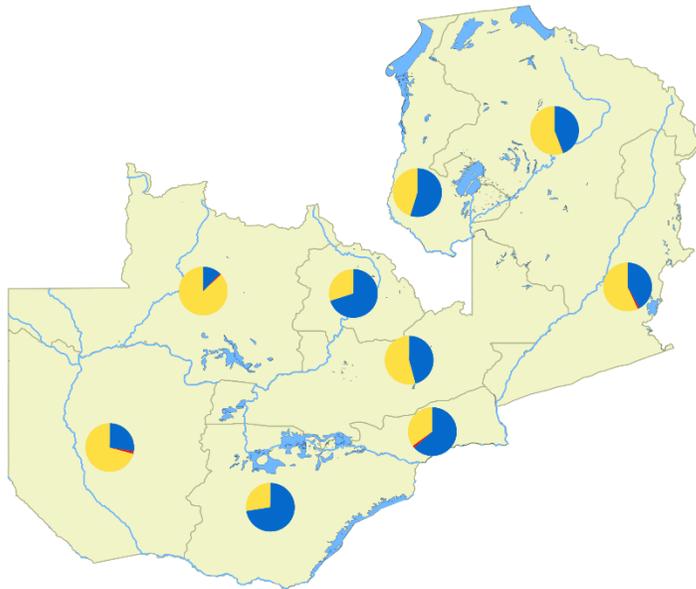
Electrification options of Zambian regions

Electrification option



River and Lake

0 100 200 300 400 km



Electrification options of Zambian regions

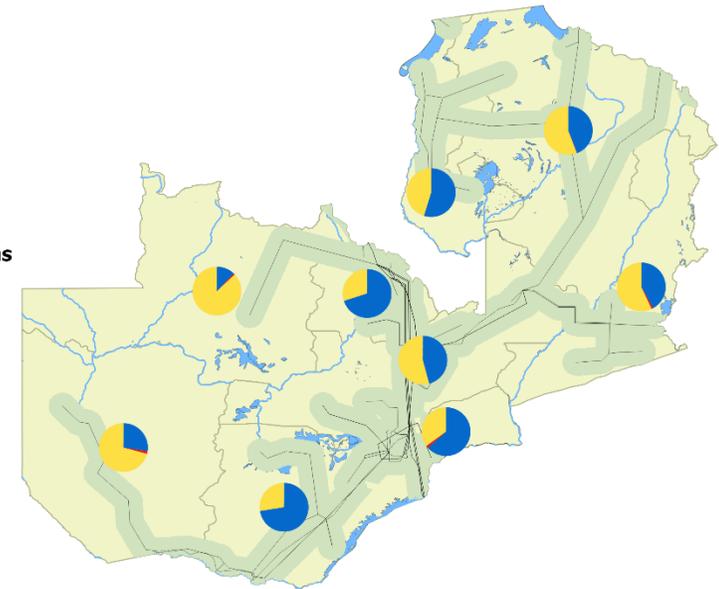
Electrification option



Grid Buffer (diameter)



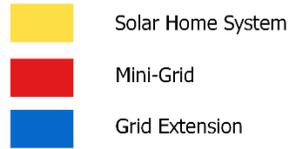
0 100 200 300 400 km



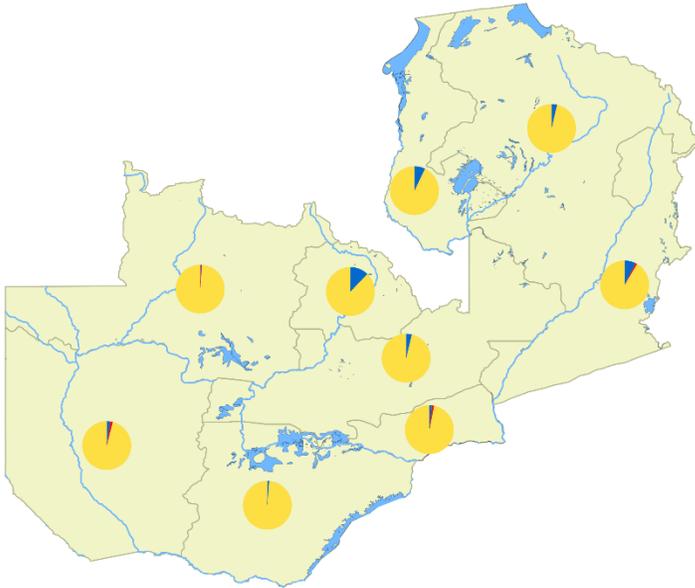
Electrification option in all Zambian regions: GridBuilt-SHSDom

Electrification options of Zambian regions

Electrification option

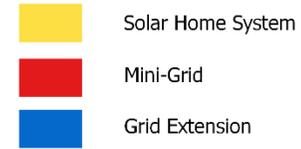


River and Lake

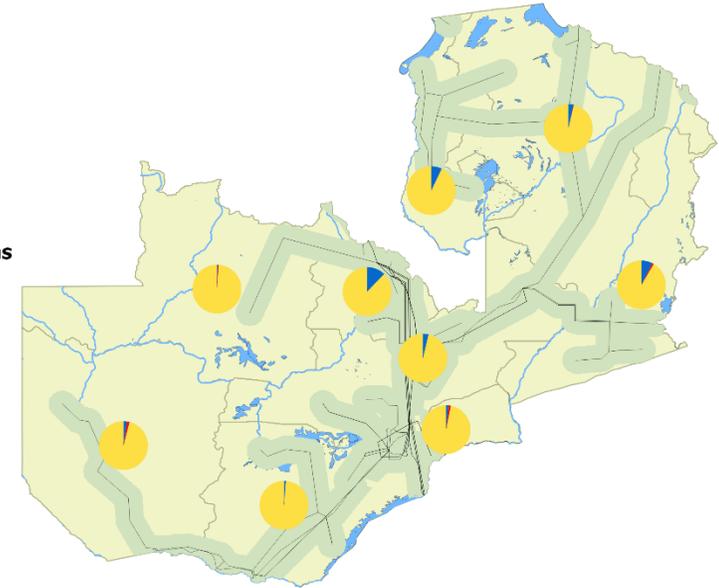
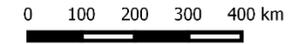


Electrification options of Zambian regions

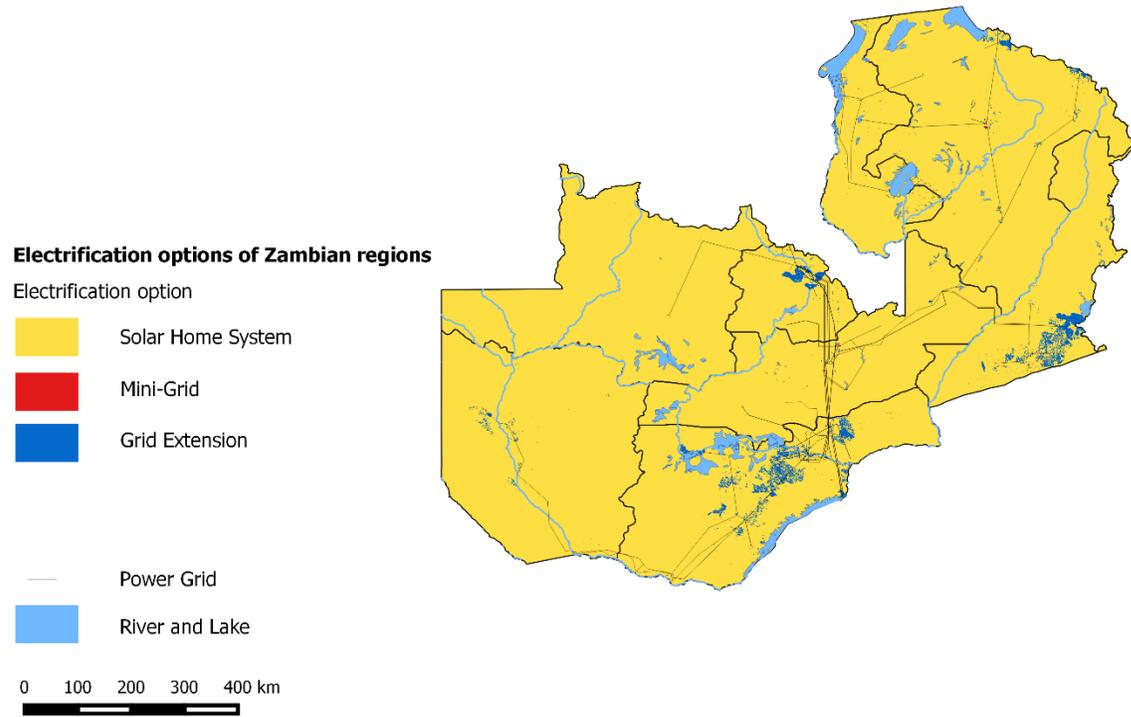
Electrification option



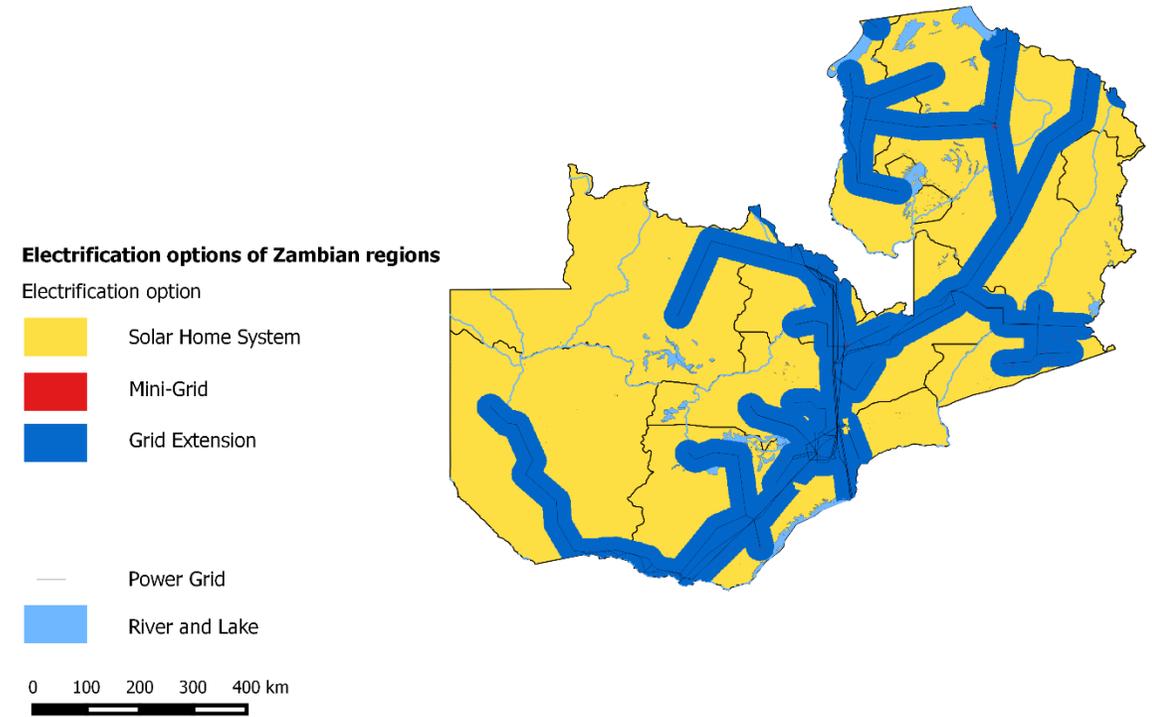
Grid Buffer (diameter)



Electrification option: GridBuilt-SHSDom



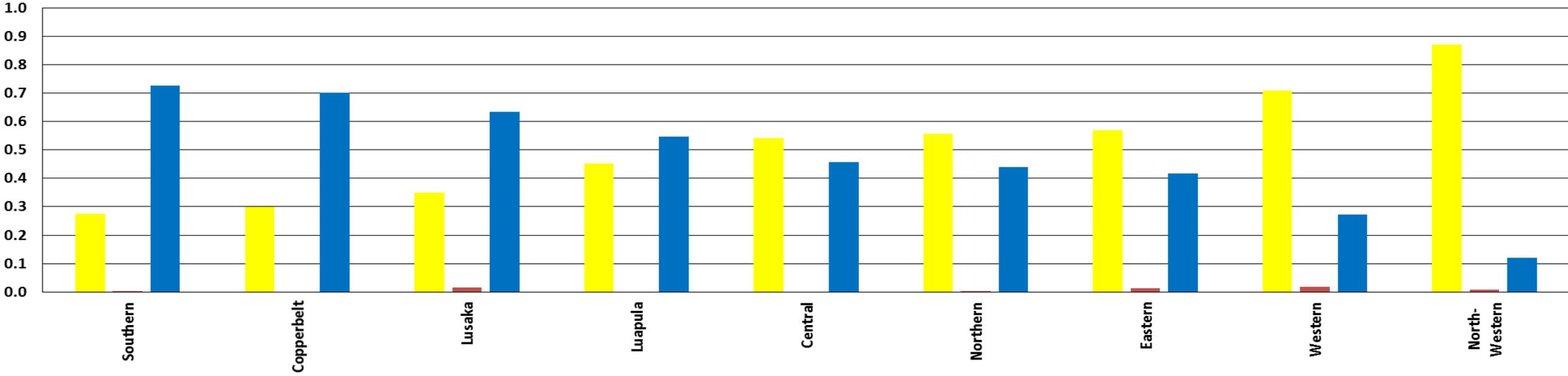
Electrification option: GridBuilt-GridDom



Share of electrification options in all Zambian regions

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

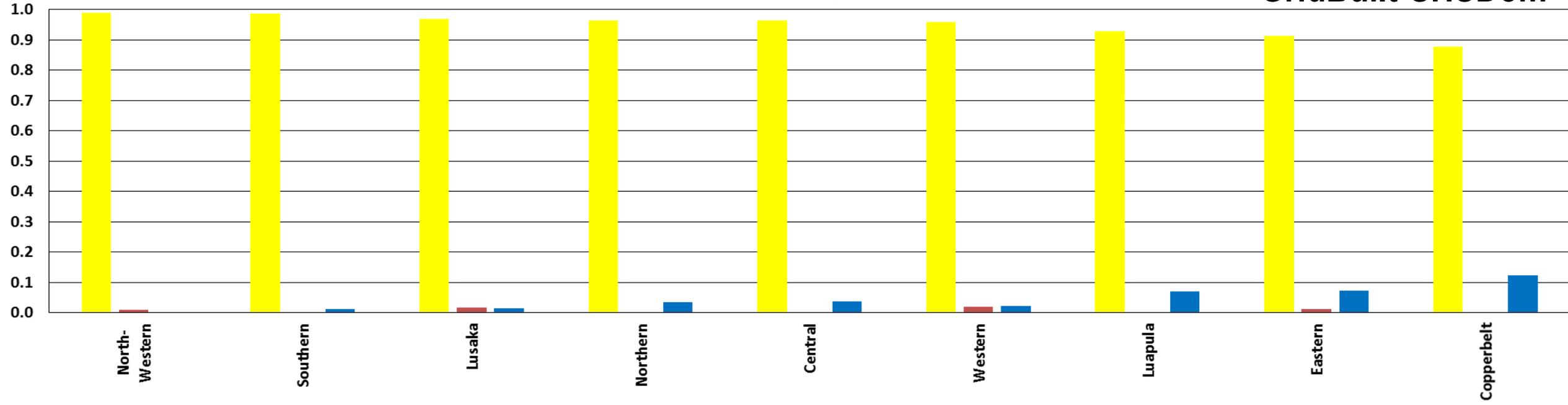
GridBuilt-GridDom



Share of electrification options in all Zambian regions

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

GridBuilt-SHSDom



Electrification option in all Zambian regions: GridPlanned-GridDom

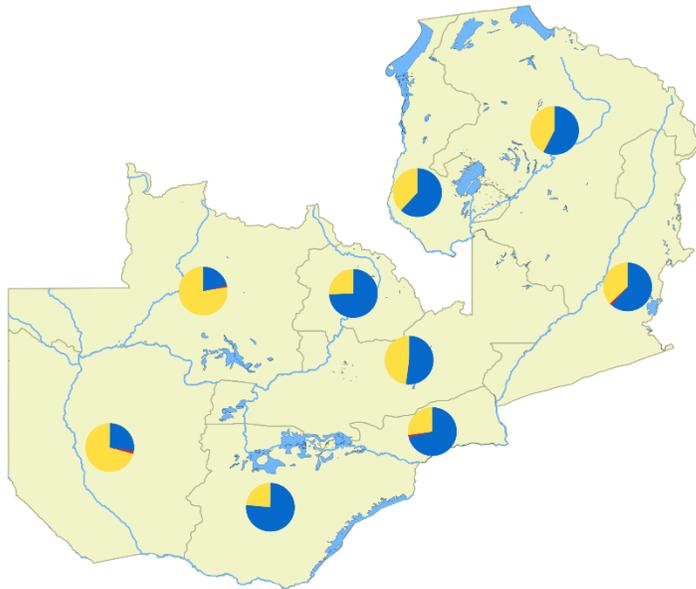
Electrification options of Zambian regions

Electrification option



River and Lake

0 100 200 300 400 km



Electrification options of Zambian regions

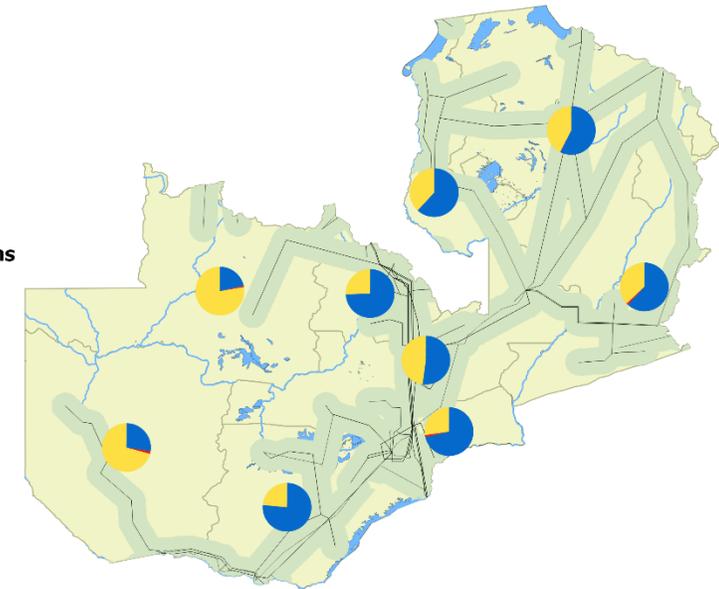
Electrification option



Grid Buffer (diameter)



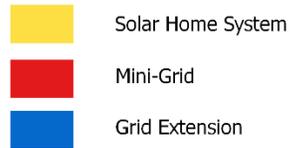
0 100 200 300 400 km



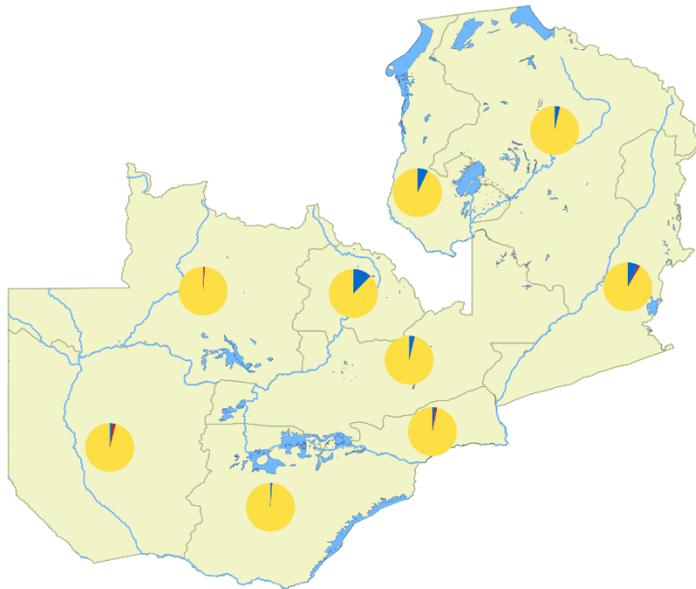
Electrification option in all Zambian regions: GridPlanned-SHSDom

Electrification options of Zambian regions

Electrification option



River and Lake

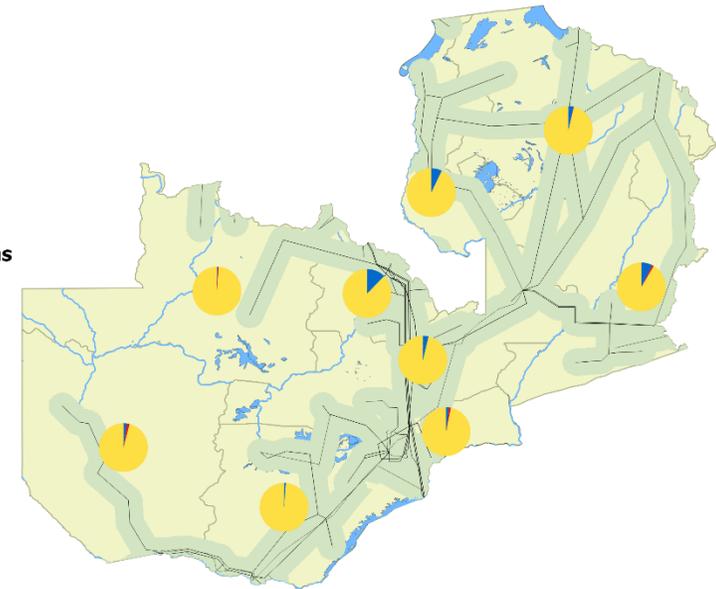
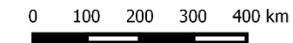


Electrification options of Zambian regions

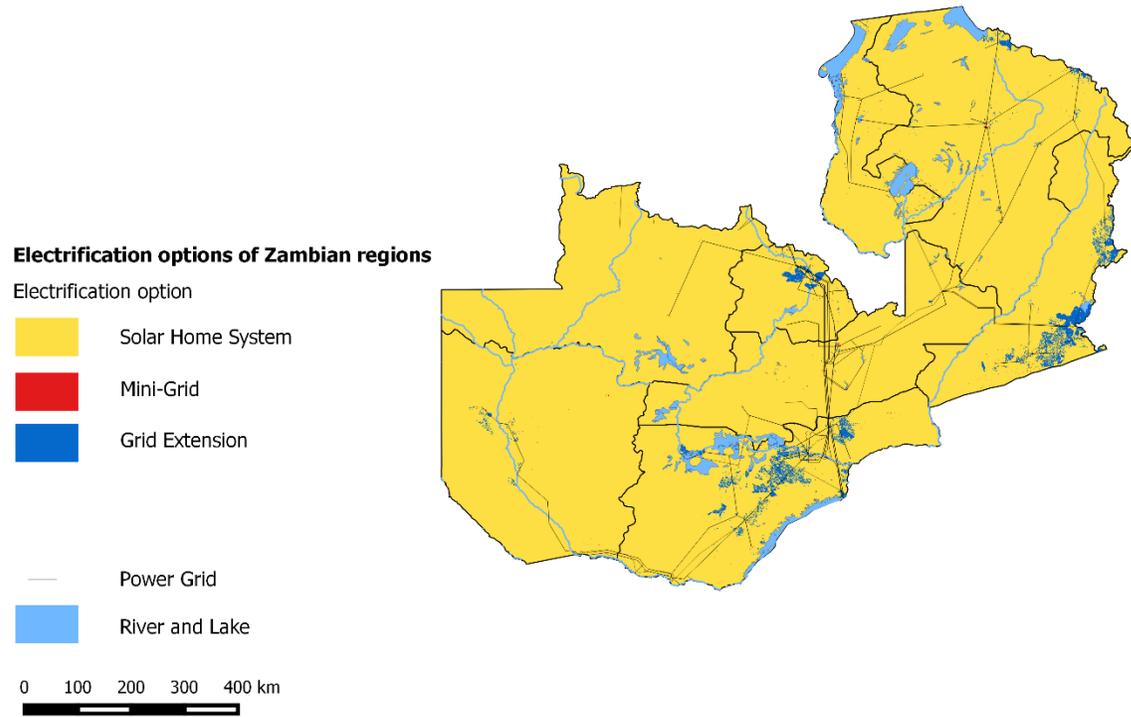
Electrification option



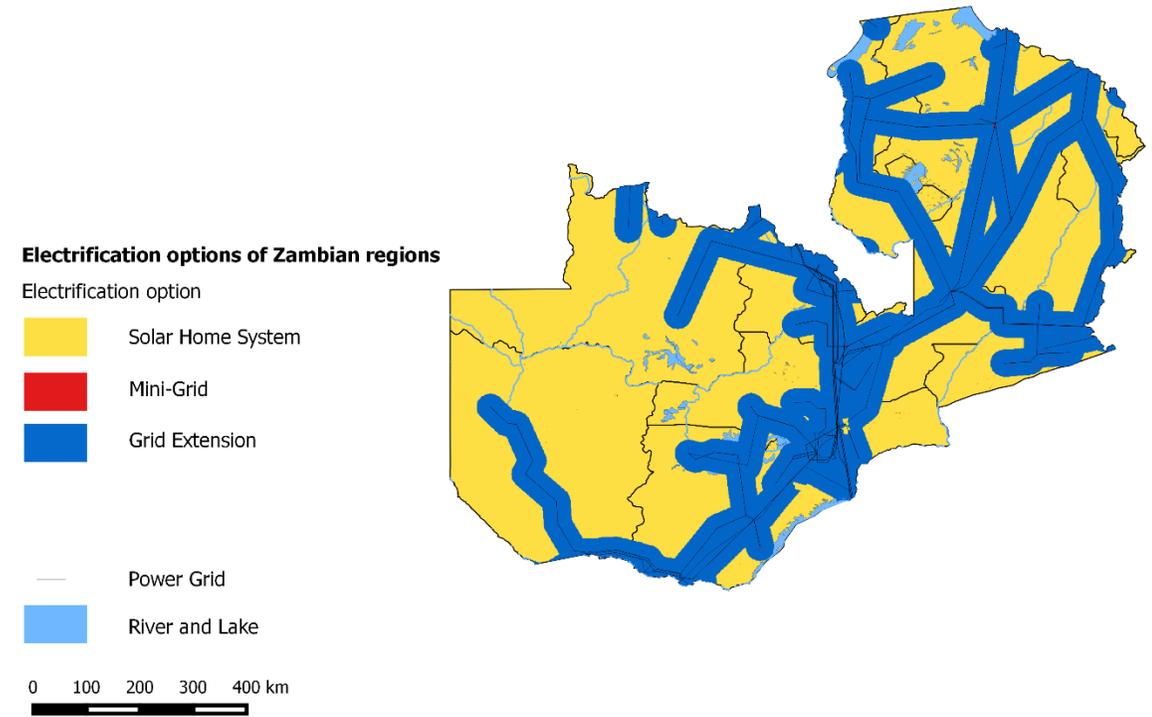
Grid Buffer (diameter)



Electrification option: GridPlanned-SHSDom



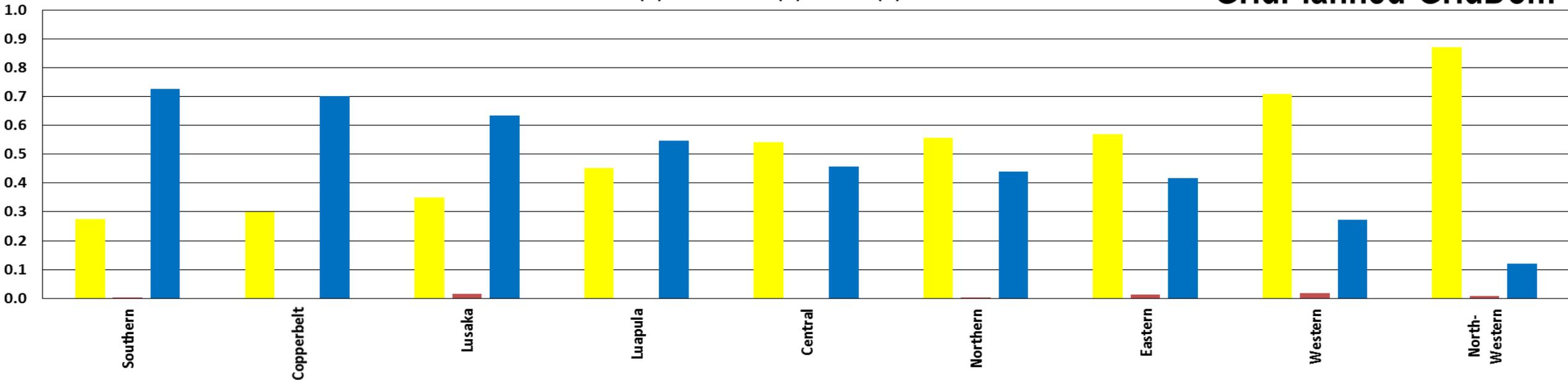
Electrification option: GridPlanned-GridDom



Share of electrification options in all Zambian regions

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

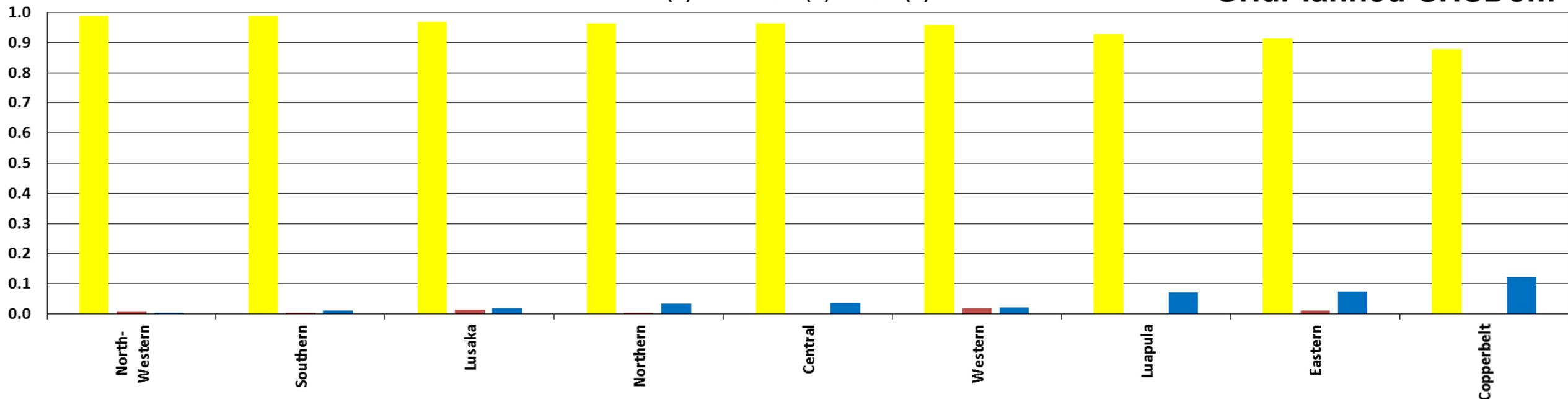
GridPlanned-GridDom



Share of electrification options in all Zambian regions

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

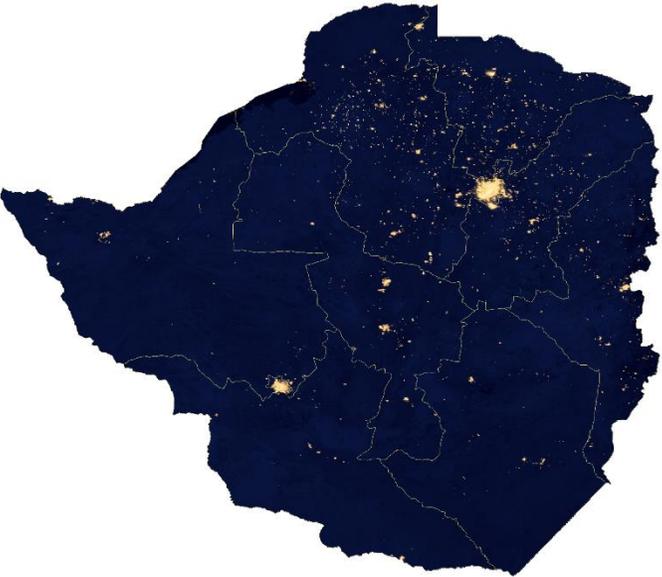
GridPlanned-SHSDom



Zimbabwe



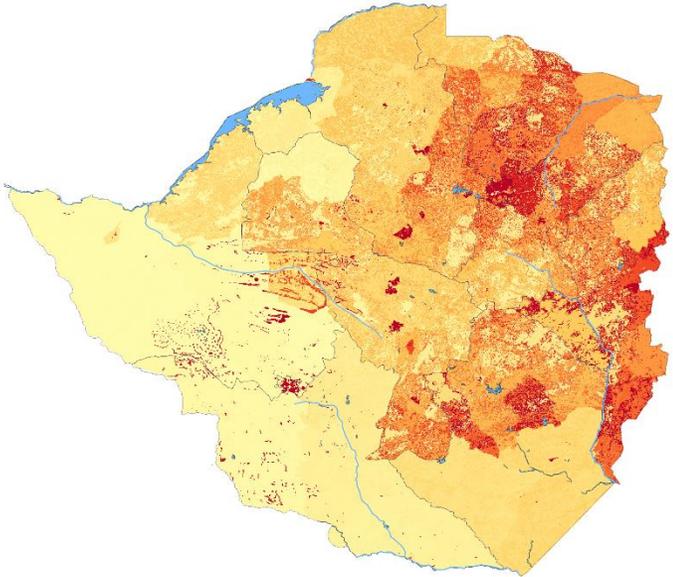
Night light emission and Population of Zimbabwean regions



Night light emission in Zimbabwe

Detected night lights
yes
no

0 100 200 300 400 km

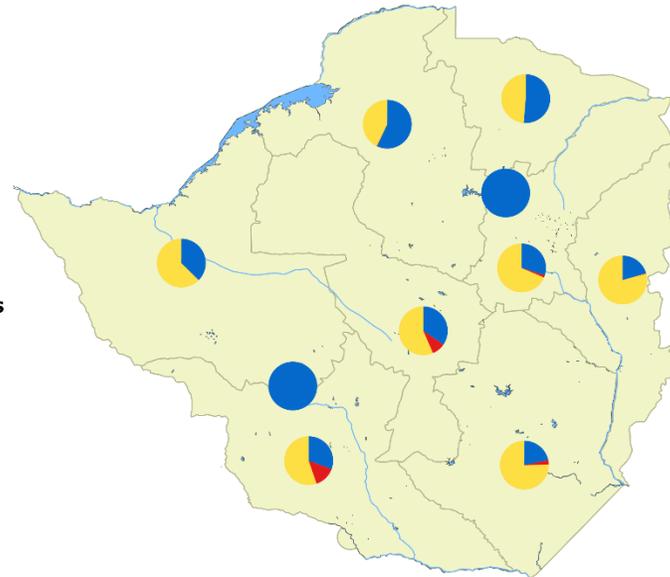


Population structure of Zimbabwe

Population density (people/750x750m²)
0.0
0.2
0.4
0.5
>0.7
River and Lake

0 100 200 300 400 km

Electrification option in all Zimbabwean regions: GridBuilt-GridDom



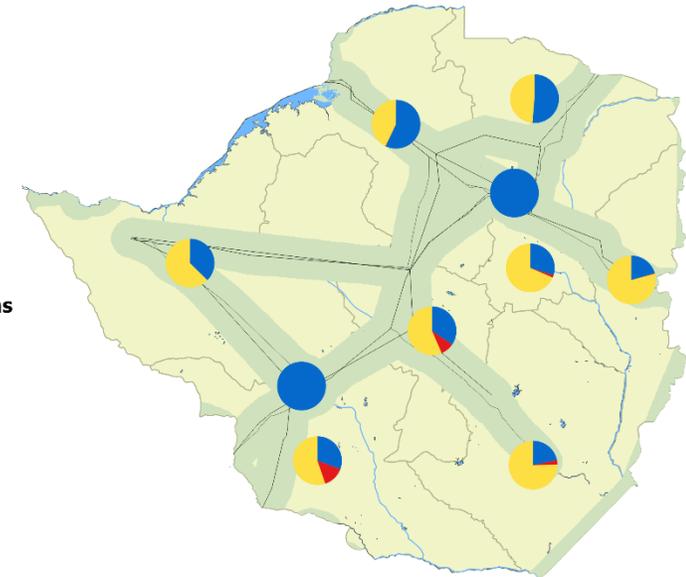
Electrification options of Zimbabwean regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 100 200 300 400 km



Electrification options of Zimbabwean regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

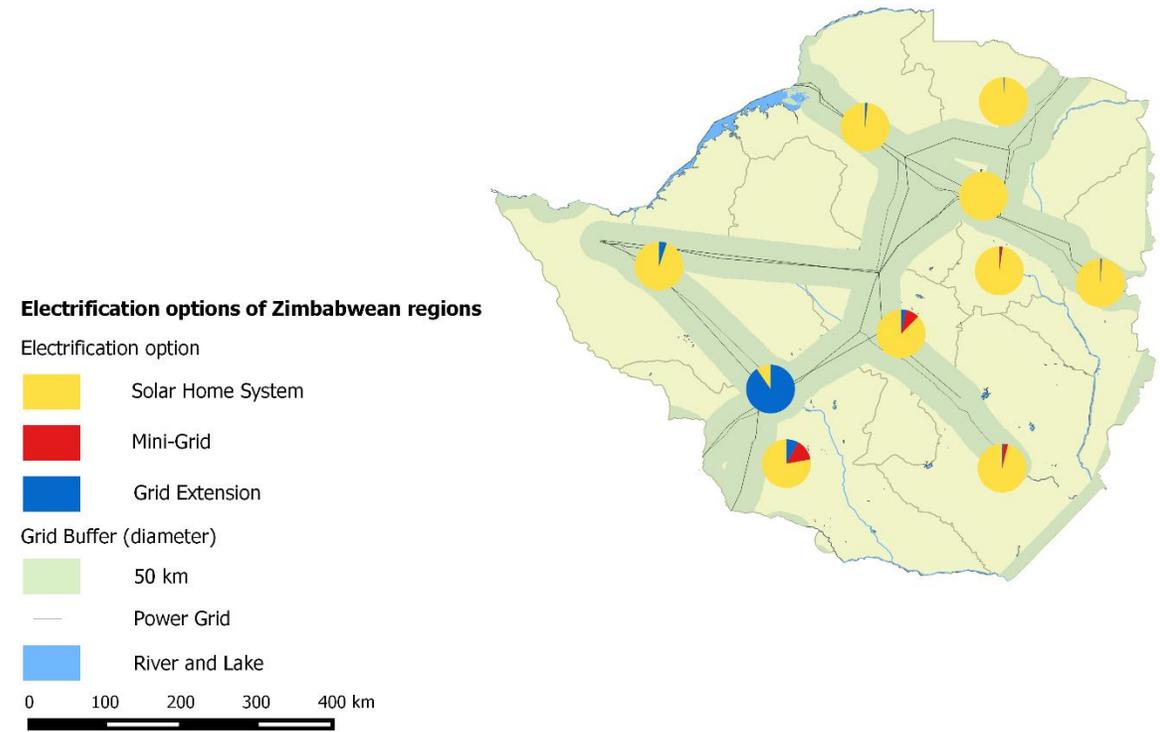
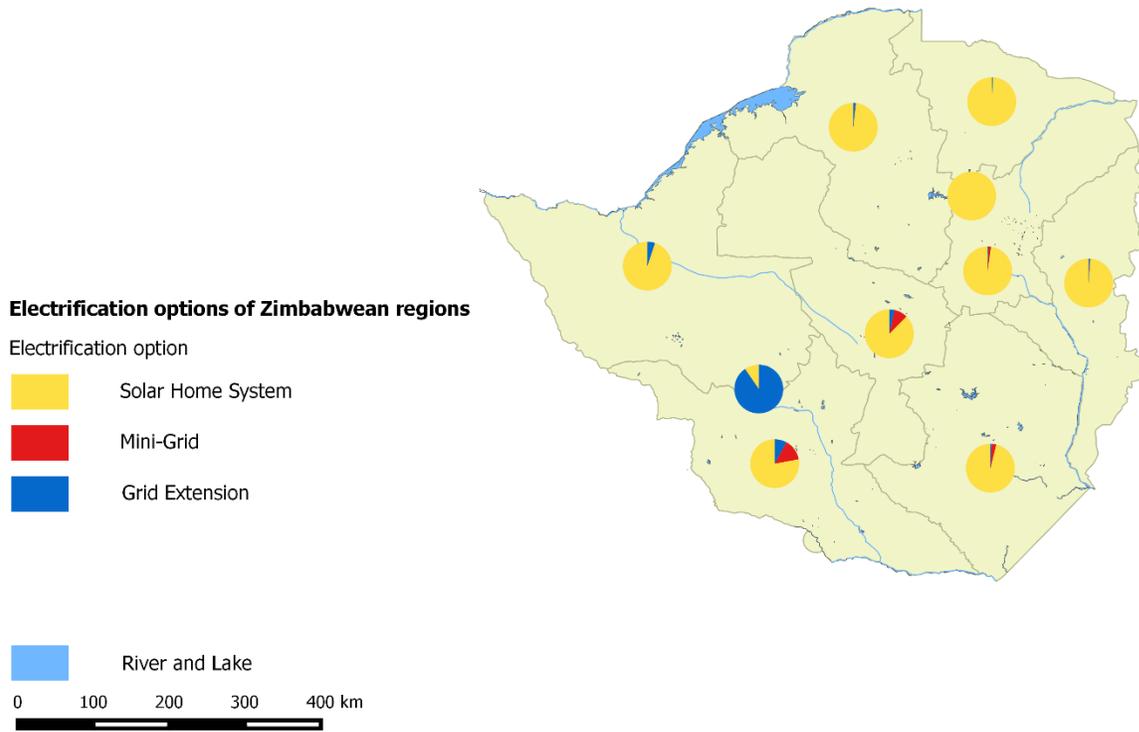
Grid Buffer (diameter)

-  50 km
- Power Grid
-  River and Lake

0 100 200 300 400 km

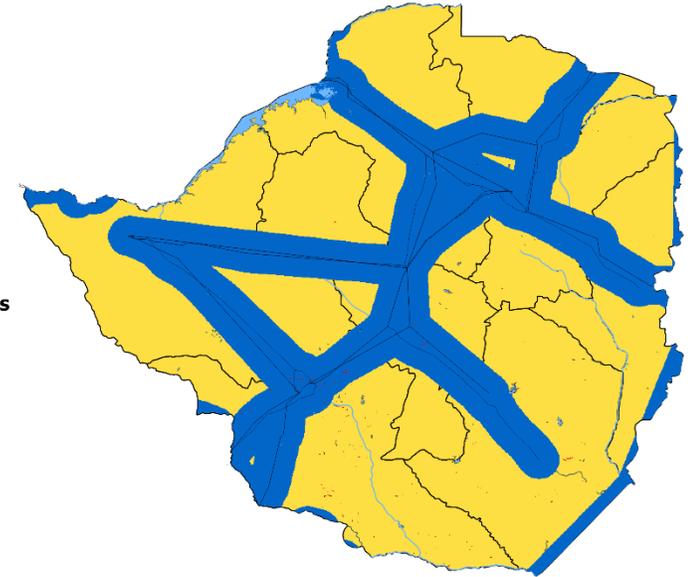
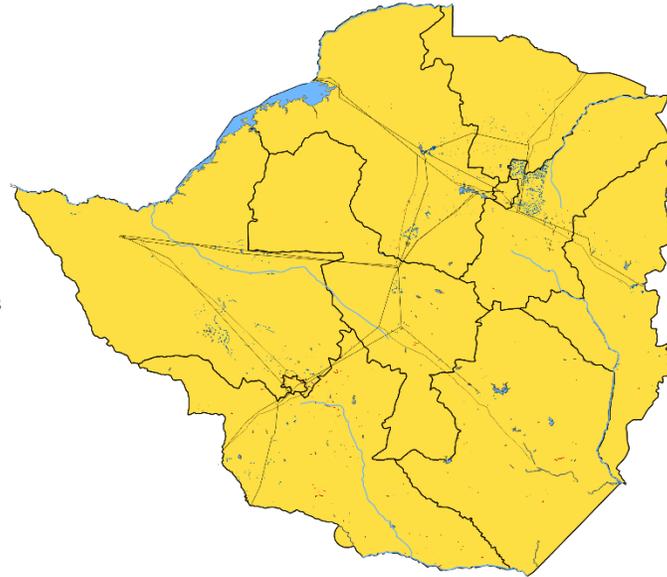


Electrification option in all Zimbabwean regions: GridBuilt-SHSDom



Electrification option: GridBuilt-SHSDom

Electrification option: GridBuilt-GridDom



Electrification options of Zimbabwean regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

 River and Lake

0 100 200 300 400 km



Electrification options of Zimbabwean regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 Power Grid

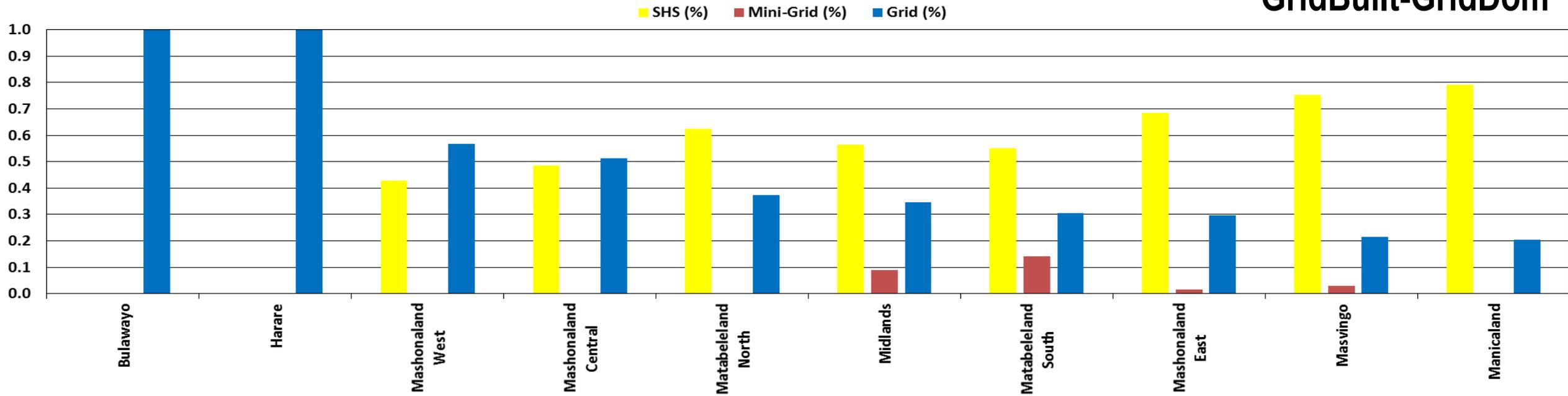
 River and Lake

0 100 200 300 400 km



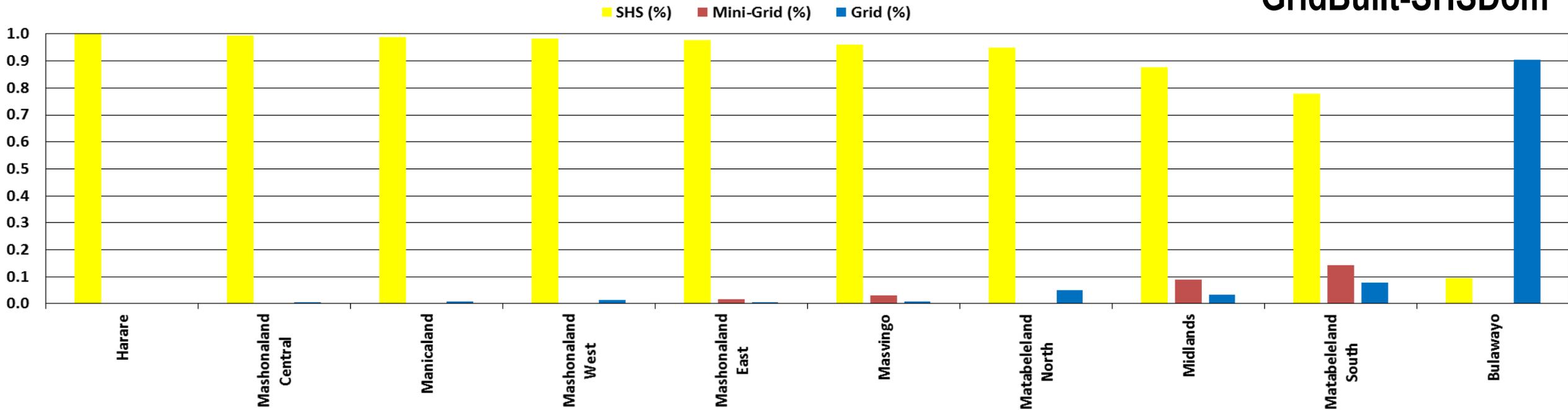
Share of all electrification options in all Zimbabwean regions

GridBuilt-GridDom

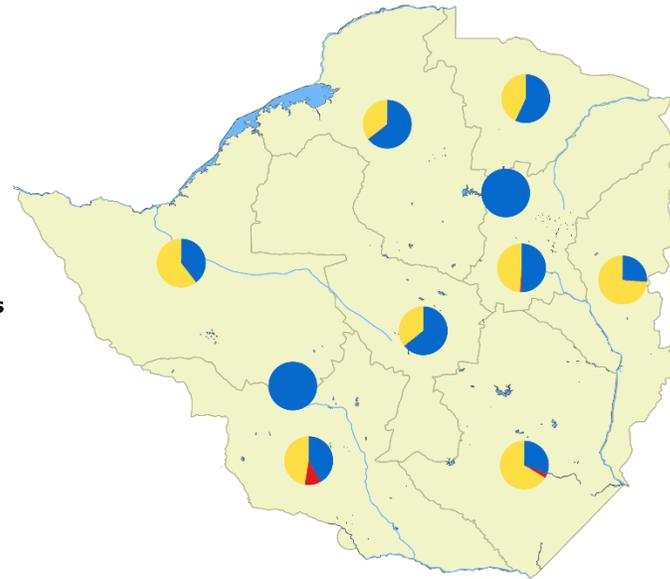


Share of all electrification options in all Zimbabwean regions

GridBuilt-SHSDom



Electrification option in all Zimbabwean regions: GridPlanned-GridDom



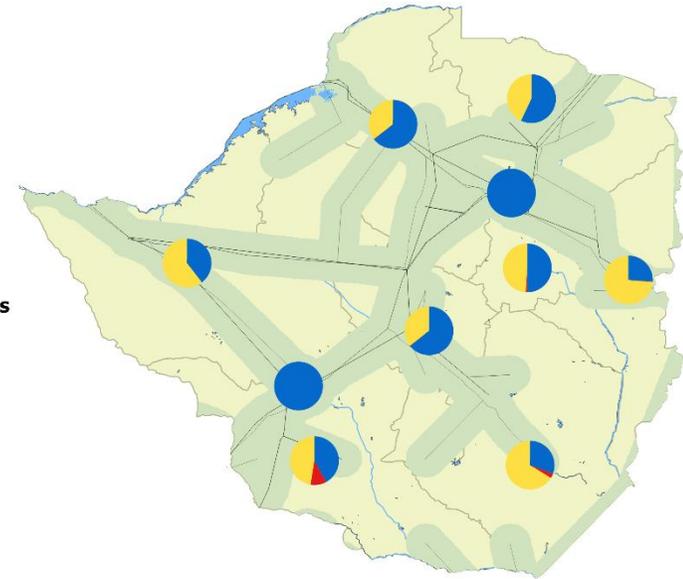
Electrification options of Zimbabwean regions

Electrification option

-  Solar Home System
-  Mini-Grid
-  Grid Extension

 River and Lake

0 100 200 300 400 km



Electrification options of Zimbabwean regions

Electrification option

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-  Mini-Grid
-  Grid Extension

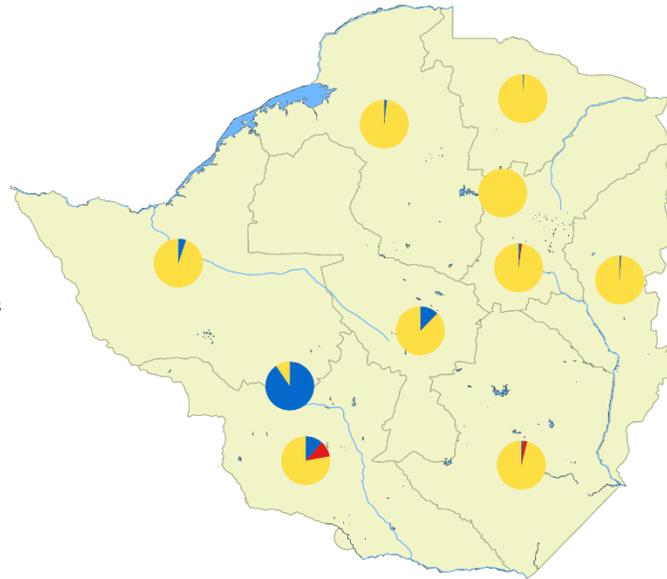
Grid Buffer (diameter)

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-  Power Grid
-  River and Lake

0 100 200 300 400 km



Electrification option in all Zimbabwean regions: GridPlanned-SHSDom



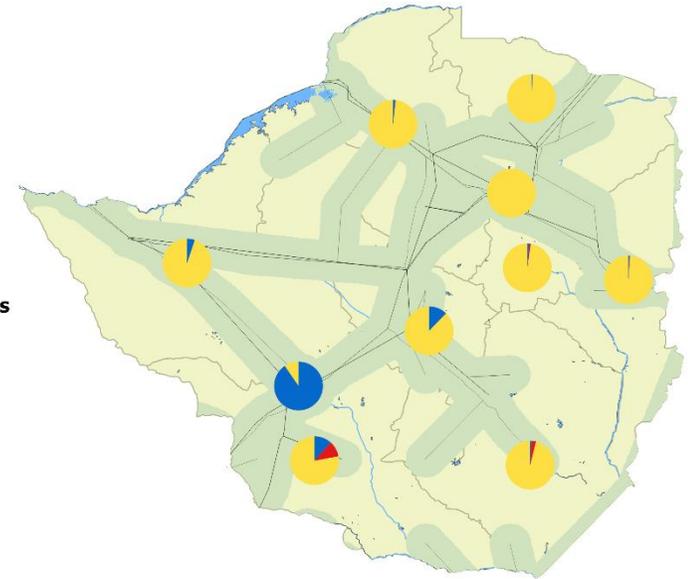
Electrification options of Zimbabwean regions

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 River and Lake

0 100 200 300 400 km



Electrification options of Zimbabwean regions

Electrification option

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-  Grid Extension

Grid Buffer (diameter)

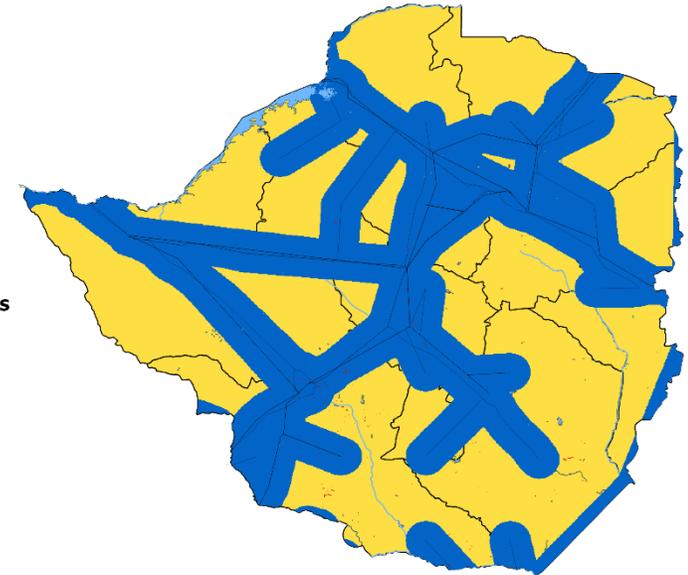
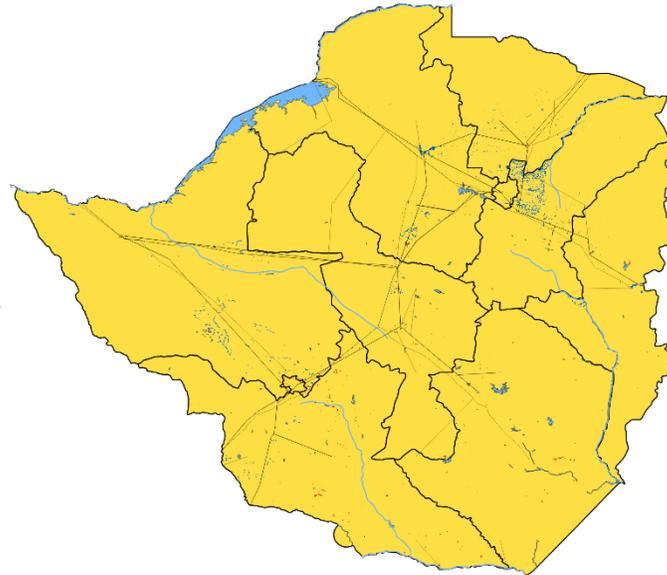
-  50 km
- Power Grid
-  River and Lake

0 100 200 300 400 km



Electrification option: GridPlanned-SHSDom

Electrification option: GridPlanned-GridDom



Electrification options of Zimbabwean regions

Electrification option

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 Power Grid

 River and Lake

0 100 200 300 400 km



Electrification options of Zimbabwean regions

Electrification option

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 Power Grid

 River and Lake

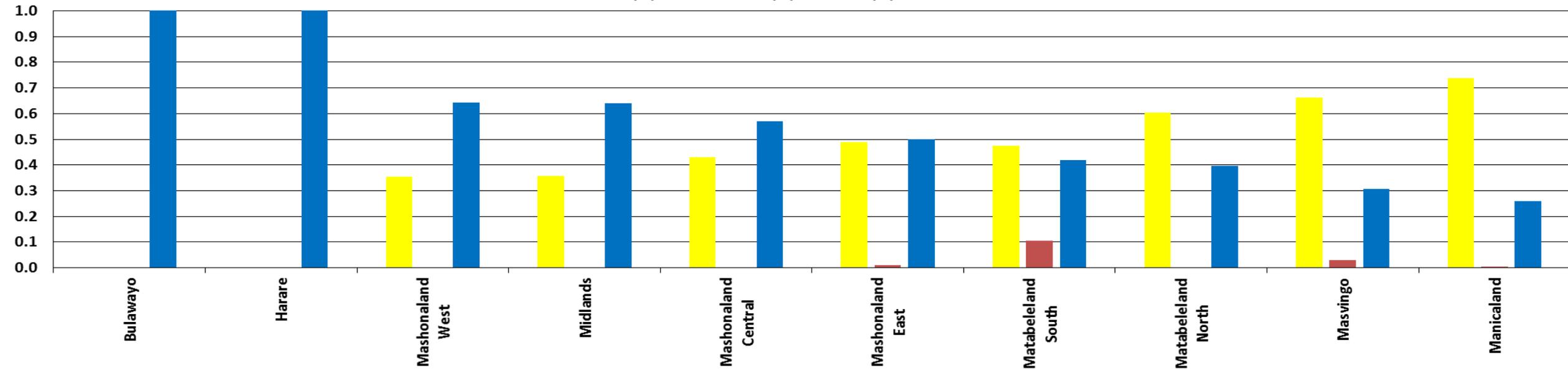
0 100 200 300 400 km



Share of all electrification options in all Zimbabwean regions

GridPlanned-GridDom

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



Share of all electrification options in all Zimbabwean regions

GridPlanned-SHSDom

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

