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**New York, 21-23 May 2019**
**Secretariat Building**
**Room 2727**

# *Templates for national data collection*

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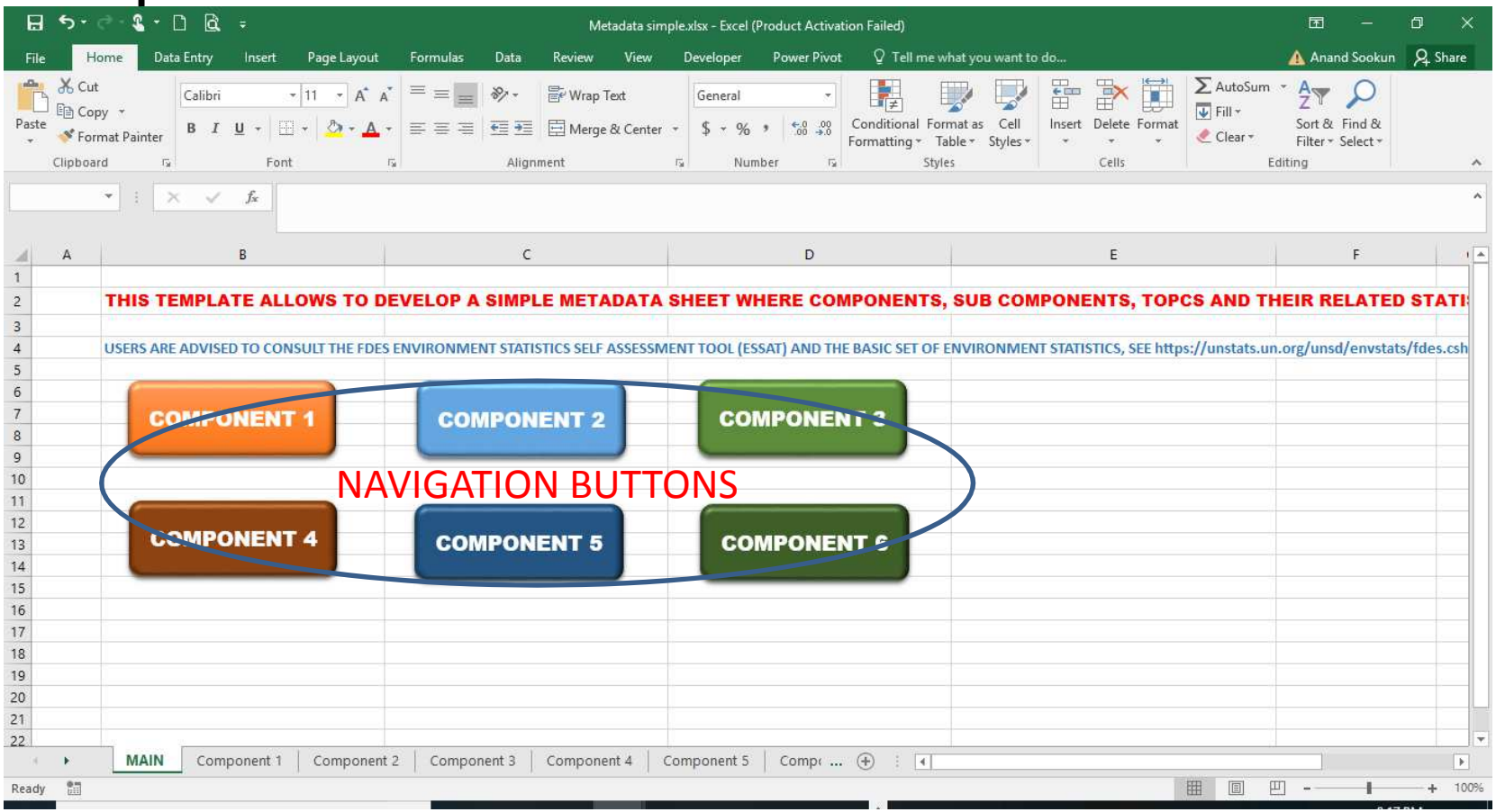
# CONTEXT

- Many countries where FDES is being implemented, request for templates to facilitate data collection;
- There are so many statistics involved:
  - 100 core statistics
  - 500 basic set
- Demanding task to draft templates

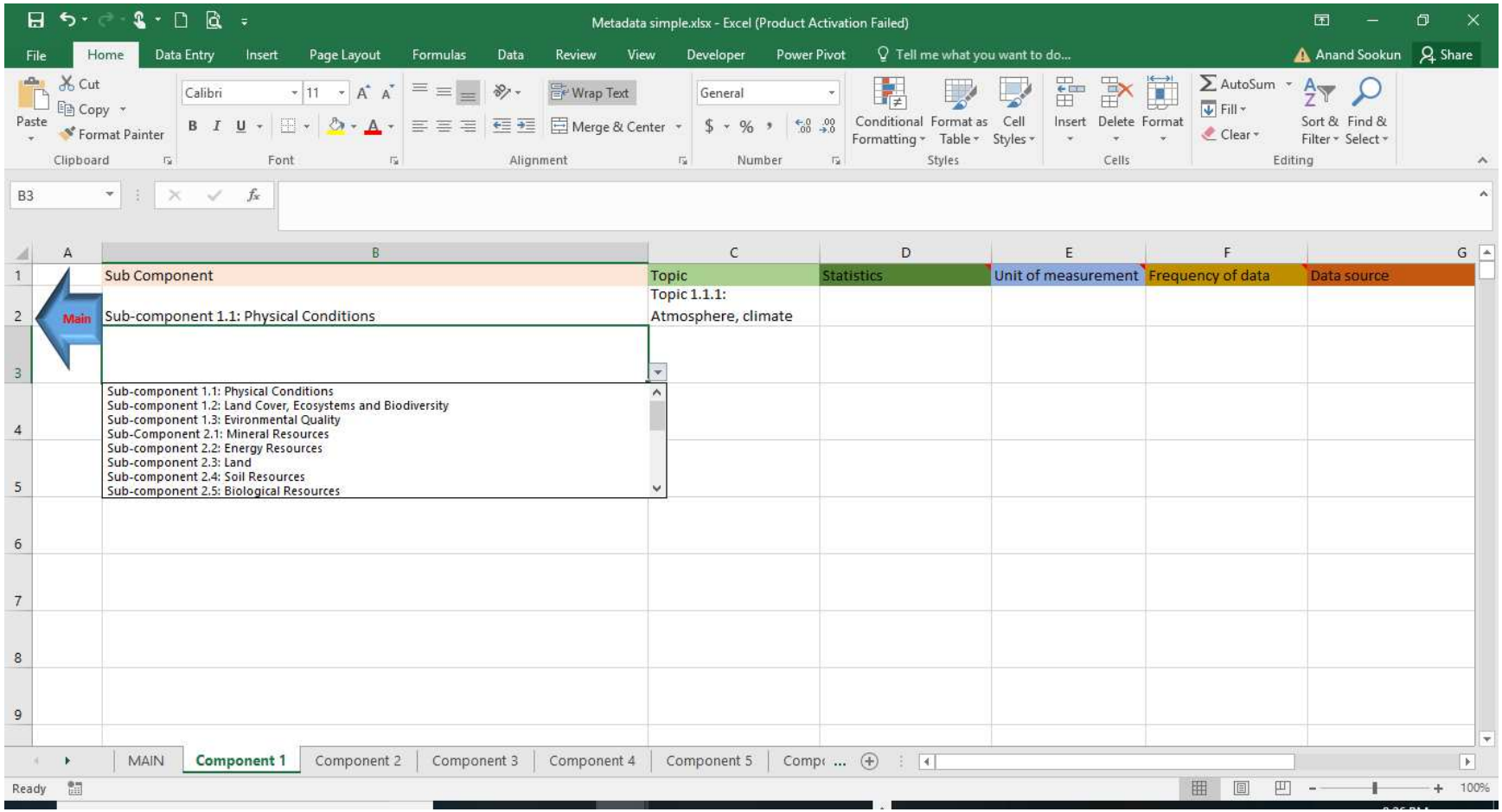
# Example 1 template

- Simple



# Example 1 continued

Easy navigation and sub-component selection



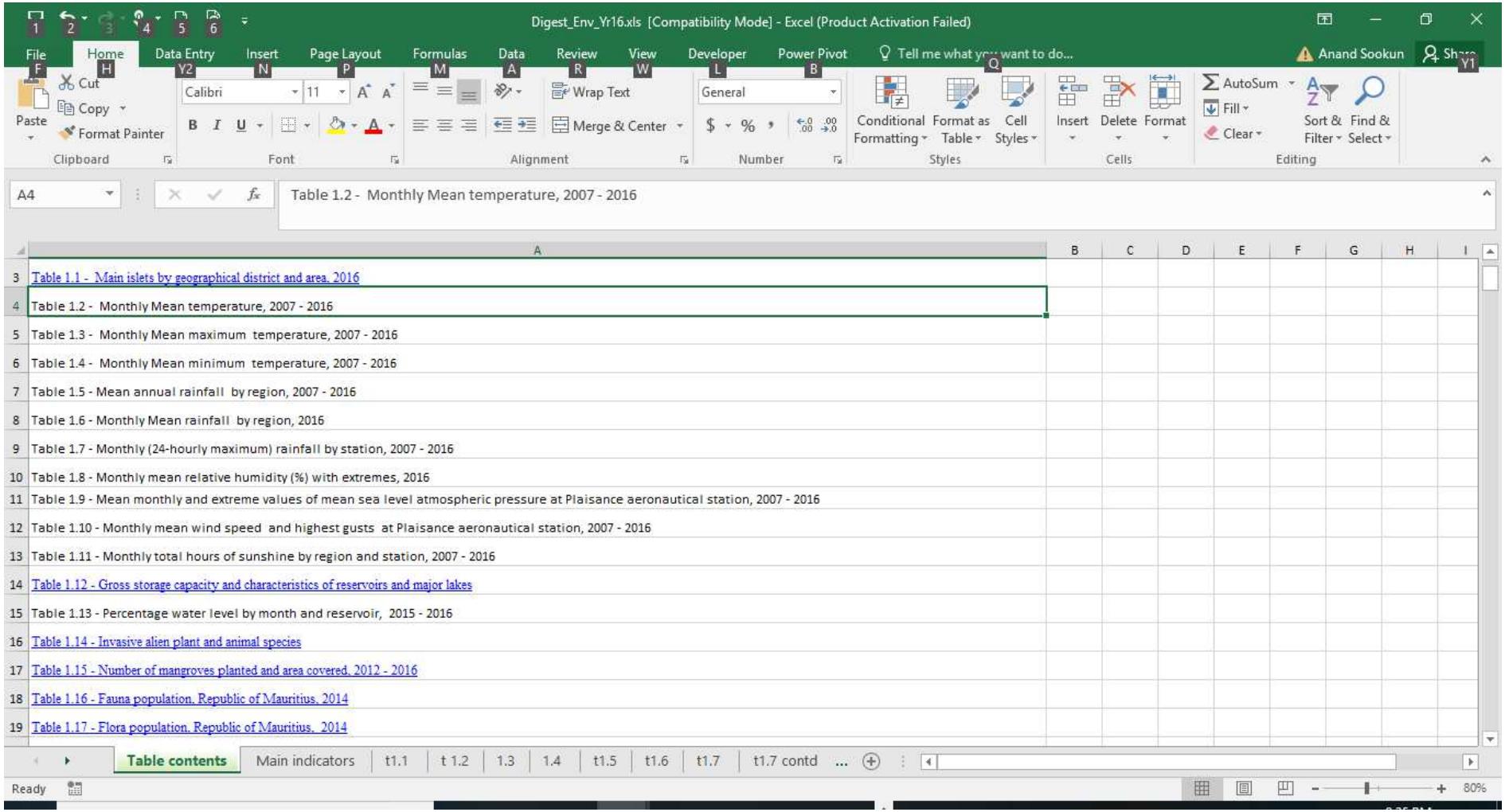
# Challenges

- Building a database from the data entered into the template, e.g. database

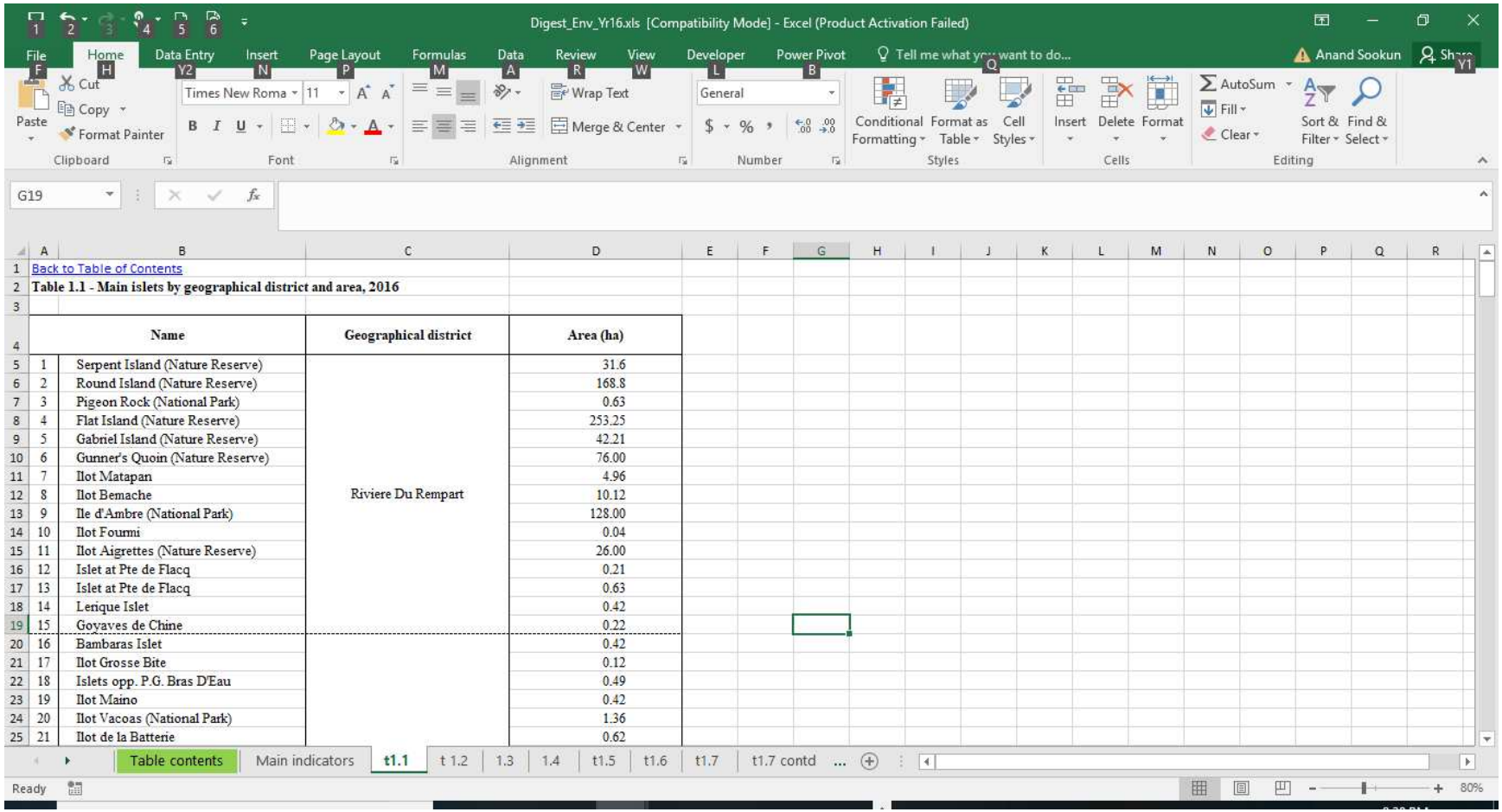
| Year | Region | Period | Min temp | Max temp | Long term average |
|---|---|---|---|---|---|
| 1990 | | Daily | | | |
| 1991 | | Daily | | | |
| etc | | | | | |
| | | | | | |

# Further country examples

- Mauritius



# MAURITIUS
# Simple table



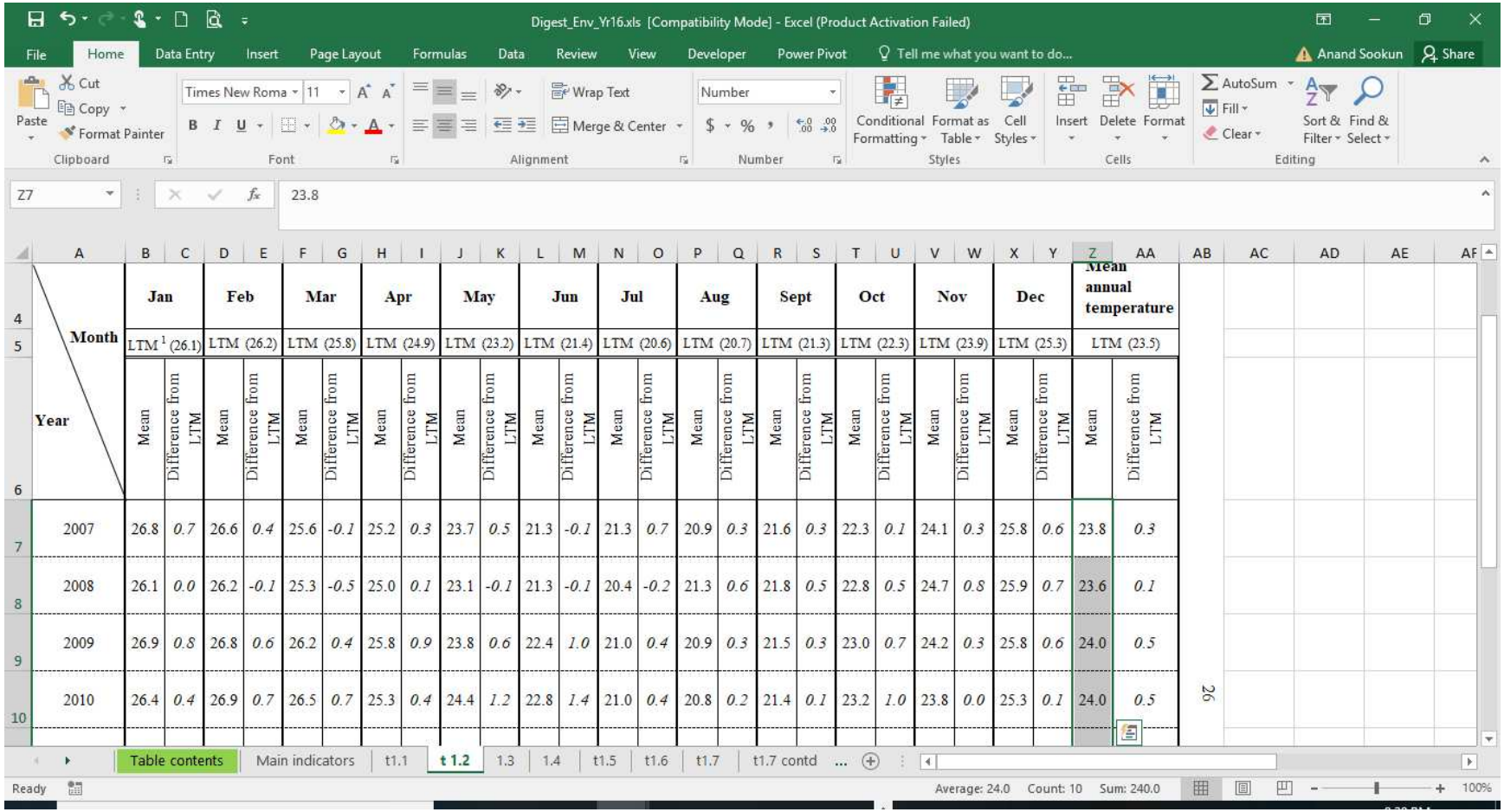
Back to Table of Contents

**Table 1.1 - Main islets by geographical district and area, 2016**

| | Name | Geographical district | Area (ha) |
|---|---|---|---|
| 1 | Serpent Island (Nature Reserve) | Riviere Du Rempart | 31.6 |
| 2 | Round Island (Nature Reserve) | | 168.8 |
| 3 | Pigeon Rock (National Park) | | 0.63 |
| 4 | Flat Island (Nature Reserve) | | 253.25 |
| 5 | Gabriel Island (Nature Reserve) | | 42.21 |
| 6 | Gunner's Quoin (Nature Reserve) | | 76.00 |
| 7 | Ilot Matapan | | 4.96 |
| 8 | Ilot Bemache | | 10.12 |
| 9 | Ile d'Ambre (National Park) | | 128.00 |
| 10 | Ilot Fourmi | | 0.04 |
| 11 | Ilot Aigrettes (Nature Reserve) | | 26.00 |
| 12 | Islet at Pte de Flacq | | 0.21 |
| 13 | Islet at Pte de Flacq | | 0.63 |
| 14 | Lerique Islet | | 0.42 |
| 15 | Goyaves de Chine | | 0.22 |
| 16 | Bambaras Islet | | 0.42 |
| 17 | Ilot Grosse Bite | | 0.12 |
| 18 | Islets opp. P.G. Bras D'Eau | | 0.49 |
| 19 | Ilot Maino | | 0.42 |
| 20 | Ilot Vacoas (National Park) | | 1.36 |
| 21 | Ilot de la Batterie | | 0.62 |

# MAURITIUS

## COMPLEX TABLE



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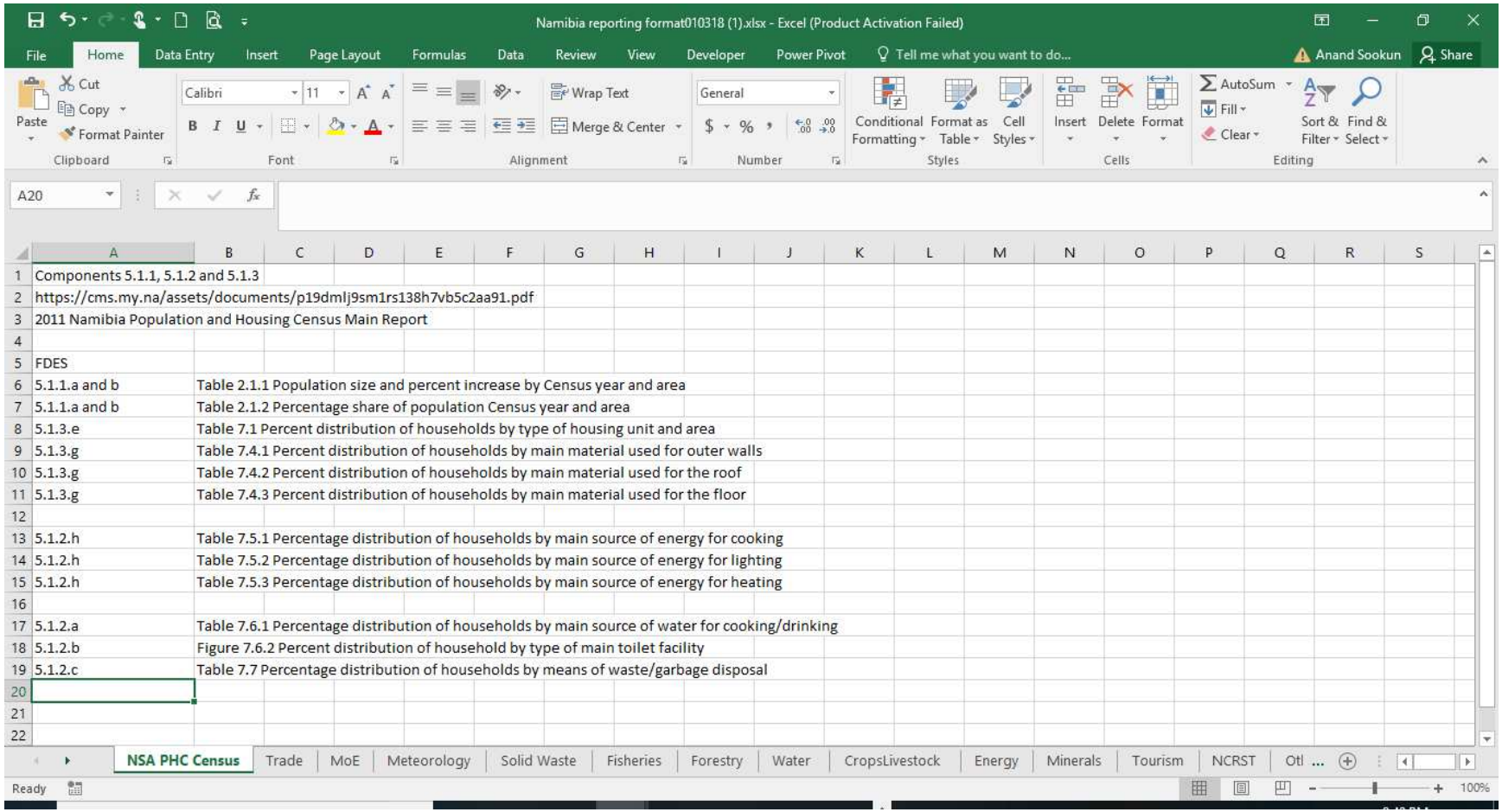
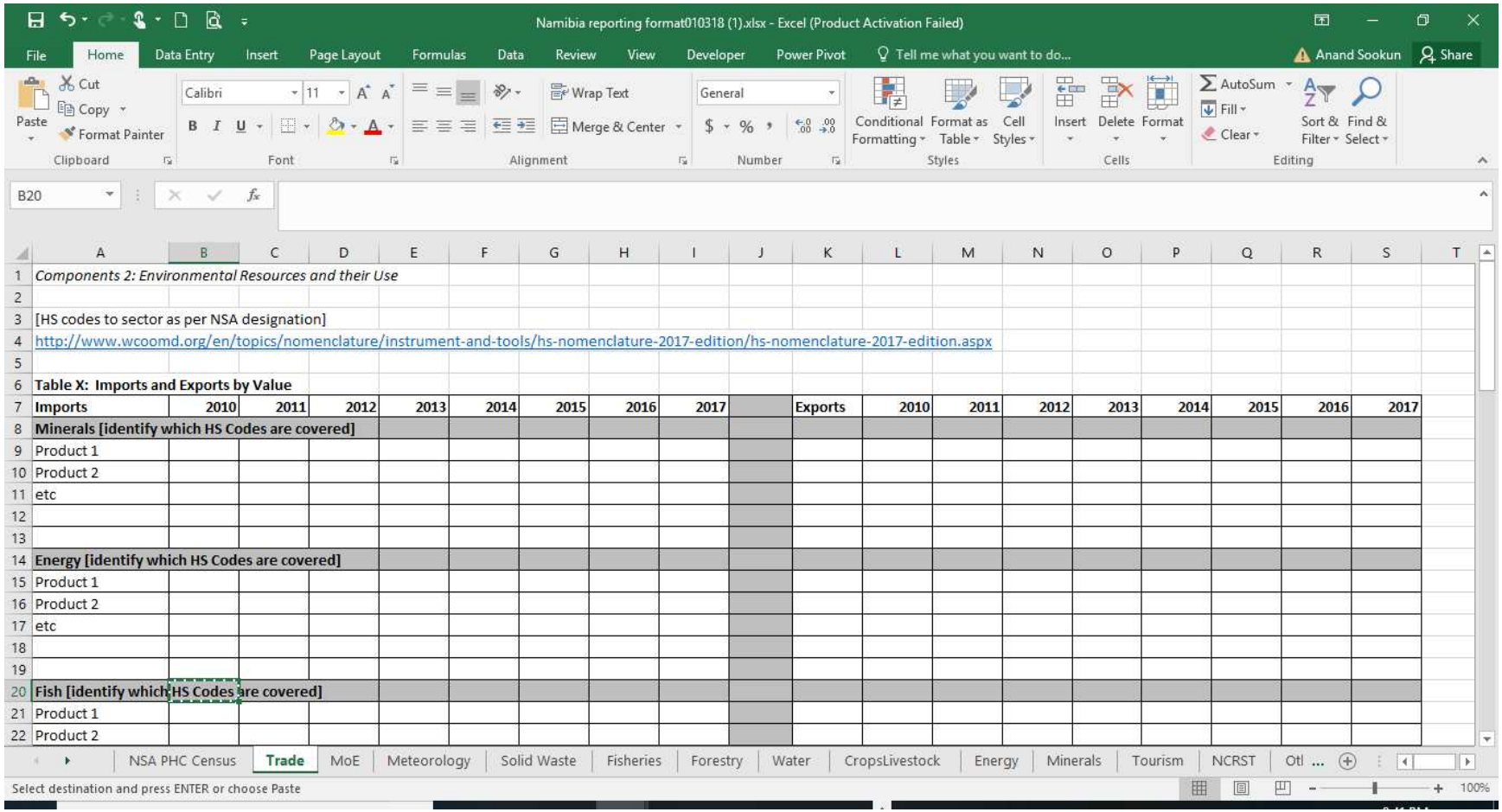
| Month / Year | Jan | | Feb | | Mar | | Apr | | May | | Jun | | Jul | | Aug | | Sept | | Oct | | Nov | | Dec | | Mean annual temperature | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTM [1] (26.1) | | LTM (26.2) | | LTM (25.8) | | LTM (24.9) | | LTM (23.2) | | LTM (21.4) | | LTM (20.6) | | LTM (20.7) | | LTM (21.3) | | LTM (22.3) | | LTM (23.9) | | LTM (25.3) | | LTM (23.5) | |
| | Mean | Difference from LTM | Mean | Difference from LTM | Mean | Difference from LTM | Mean | Difference from LTM | Mean | Difference from LTM | Mean | Difference from LTM | Mean | Difference from LTM | Mean | Difference from LTM | Mean | Difference from LTM | Mean | Difference from LTM | Mean | Difference from LTM | Mean | Difference from LTM | Mean | Difference from LTM |
| 2007 | 26.8 | 0.7 | 26.6 | 0.4 | 25.6 | -0.1 | 25.2 | 0.3 | 23.7 | 0.5 | 21.3 | -0.1 | 21.3 | 0.7 | 20.9 | 0.3 | 21.6 | 0.3 | 22.3 | 0.1 | 24.1 | 0.3 | 25.8 | 0.6 | 23.8 | 0.3 |
| 2008 | 26.1 | 0.0 | 26.2 | -0.1 | 25.3 | -0.5 | 25.0 | 0.1 | 23.1 | -0.1 | 21.3 | -0.1 | 20.4 | -0.2 | 21.3 | 0.6 | 21.8 | 0.5 | 22.8 | 0.5 | 24.7 | 0.8 | 25.9 | 0.7 | 23.6 | 0.1 |
| 2009 | 26.9 | 0.8 | 26.8 | 0.6 | 26.2 | 0.4 | 25.8 | 0.9 | 23.8 | 0.6 | 22.4 | 1.0 | 21.0 | 0.4 | 20.9 | 0.3 | 21.5 | 0.3 | 23.0 | 0.7 | 24.2 | 0.3 | 25.8 | 0.6 | 24.0 | 0.5 |
| 2010 | 26.4 | 0.4 | 26.9 | 0.7 | 26.5 | 0.7 | 25.3 | 0.4 | 24.4 | 1.2 | 22.8 | 1.4 | 21.0 | 0.4 | 20.8 | 0.2 | 21.4 | 0.1 | 23.2 | 1.0 | 23.8 | 0.0 | 25.3 | 0.1 | 24.0 | 0.5 |

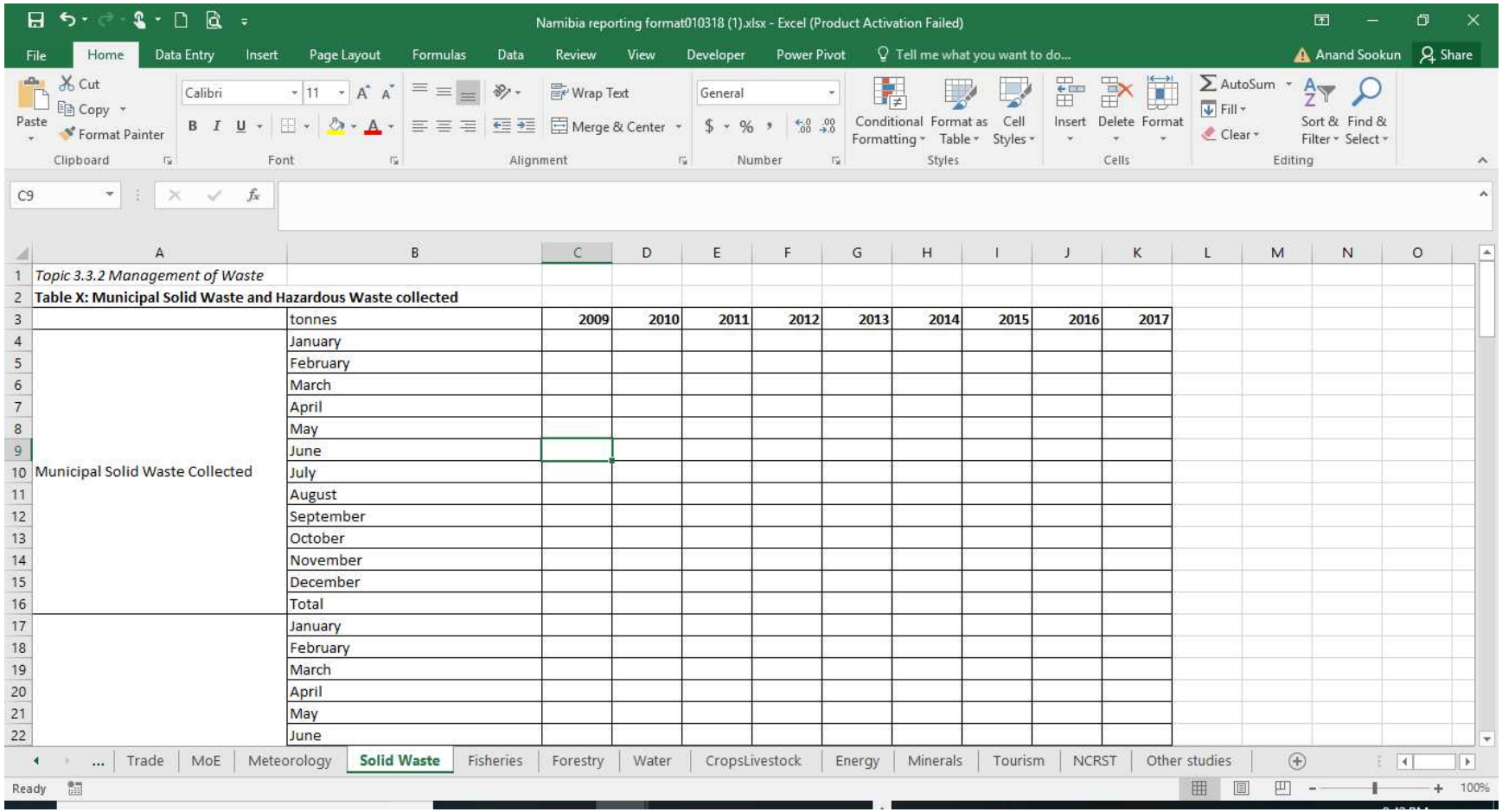
# Namibia


Namibia reporting format010318 (1).xlsx - Excel (Product Activation Failed)
File
Home
Data Entry
Insert
Page Layout
Formulas
Data
Review
View
Developer
Power Pivot
Tell me what you want to do...
Anand Sookun
Share
Paste
Cut
Copy
Format Painter
Clipboard
Calibri
11
Font
Wrap Text
Merge & Center
Alignment
General
Number
Conditional Formatting
Format as Table
Cell Styles
Styles
Insert
Delete
Format
Cells
AutoSum
Fill
Clear
Sort & Filter
Find & Select
Editing
A20
Components 5.1.1, 5.1.2 and 5.1.3
https://cms.my.na/assets/documents/p19dmlj9sm1rs138h7vb5c2aa91.pdf
2011 Namibia Population and Housing Census Main Report
FDES
5.1.1.a and b Table 2.1.1 Population size and percent increase by Census year and area
5.1.1.a and b Table 2.1.2 Percentage share of population Census year and area
5.1.3.e Table 7.1 Percent distribution of households by type of housing unit and area
5.1.3.g Table 7.4.1 Percent distribution of households by main material used for outer walls
5.1.3.g Table 7.4.2 Percent distribution of households by main material used for the roof
5.1.3.g Table 7.4.3 Percent distribution of households by main material used for the floor
5.1.2.h Table 7.5.1 Percentage distribution of households by main source of energy for cooking
5.1.2.h Table 7.5.2 Percentage distribution of households by main source of energy for lighting
5.1.2.h Table 7.5.3 Percentage distribution of households by main source of energy for heating
5.1.2.a Table 7.6.1 Percentage distribution of households by main source of water for cooking/drinking
5.1.2.b Figure 7.6.2 Percent distribution of household by type of main toilet facility
5.1.2.c Table 7.7 Percentage distribution of households by means of waste/garbage disposal
NSA PHC Census
Trade
MoE
Meteorology
Solid Waste
Fisheries
Forestry
Water
CropsLivestock
Energy
Minerals
Tourism
NCRST
Otl ...
Ready
100%

# NAMIBIA
# Complex table



# Namibia



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*Topic 3.3.2 Management of Waste*

**Table X: Municipal Solid Waste and Hazardous Waste collected**

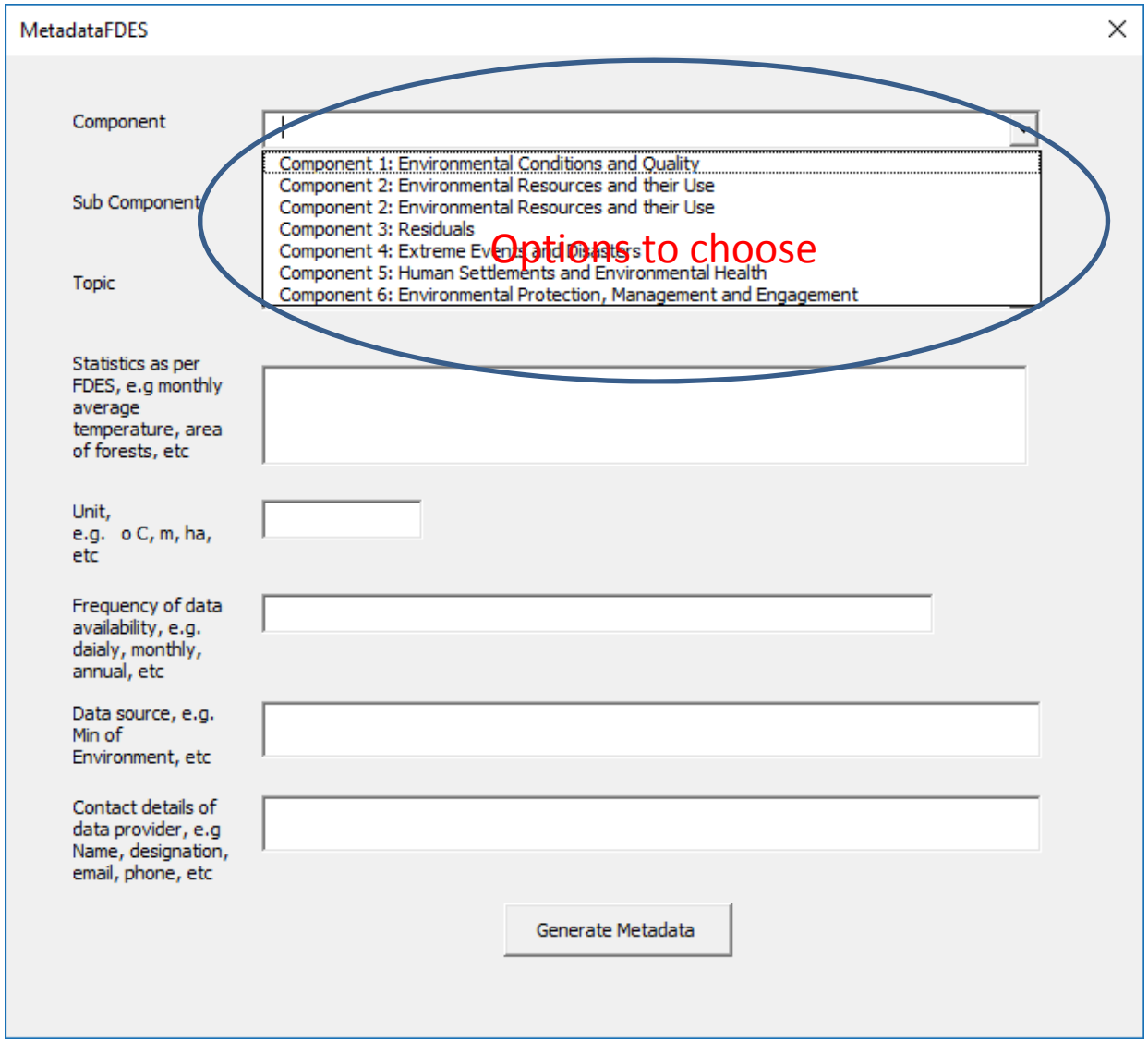
| | tonnes | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|
| Municipal Solid Waste Collected | January | | | | | | | | | |
| | February | | | | | | | | | |
| | March | | | | | | | | | |
| | April | | | | | | | | | |
| | May | | | | | | | | | |
| | June | | | | | | | | | |
| | July | | | | | | | | | |
| | August | | | | | | | | | |
| | September | | | | | | | | | |
| | October | | | | | | | | | |
| | November | | | | | | | | | |
| | December | | | | | | | | | |
| | Total | | | | | | | | | |
| | January | | | | | | | | | |
| | February | | | | | | | | | |
| | March | | | | | | | | | |
| | April | | | | | | | | | |
| | May | | | | | | | | | |
| | June | | | | | | | | | |

Trade | MoE | Meteorology | Solid Waste | Fisheries | Forestry | Water | CropsLivestock | Energy | Minerals | Tourism | NCRST | Other studies

Ready

# Example 2

## Graphical User Interface (GUI)



# Challenges

- Requires special IT skills
- Time consuming to design
- Design of database to be used to extract data, e.g. using pivot tables

# Standardization

Using statistical classification helps to standardize data for:

- International data comparison
- For consistency by establishing boundaries
- Aggregations
- Allows smooth sharing of data
- Analytical tools, e.g. ISIC at its lower levels of detail can show the economic interactions taking place between the different activities, allowing understanding of the interlinkages of the production of an economy.

# Discussion points

- there are six components and most of them are different in terms data collection frequency; geographical coverage, sectoral coverage, classifications to be used and units of measurement, among other issues.
- The issues exist within and among the different components.
- How many templates do we need, for basic set or for the core set?
- How many topics can be included – should we have a priority list?
- How to choose the dis aggregation levels e.g. catchment, economic sectors, aquifer zones, region, agroe-cological zones and administrative units.
- Use of international definitions against national ones e.g. forest area.

# The End

- Thank You
- Merci
- Gracias