WORKFLOWS OF THE ACTIVITIES OF THE PROJECT

1-Workflow related to activities to support decisions of GDWFH on priority forest species

DATA NEEDS DATA SOURCES DATA ANALYSIS Occurrence data National data holdings Ethno botanical data treatments and analysis Environmental data GBIF site (www.gbif.org) Treatments and analysis Atlas of living Australia of data on threats to (www.ala.org.au), Ethno botanical data species iNaturalist (www.inaturalist.org), and Occurrence data cleaning speciesLink Data on threats to species Environmental data (www.splink.org.br) calibrating to study areas Etc. Choice of appropriate modeling methods Spatial distribution and ecological niches modeling **EVALUATION OF DATA DECISIONS TO BE DATA PRODUCTS NEEDED** SUPPORTED 1) Capacity building to end 1) Prioritization of 1) Ethno botanical protection actions on the

PRODUCTS BY END USERS

- users to enable them to adequately use the data products
- 2) Use of data products in decision making
- 3) Feedback on fitness for use of data products
- 4) Improvements suggested

- species
- 2) Predicted impact of climate change on the priority reforestation species
- 3) Favorable areas for priority forest species plantations

- importance of the species
- 2) Threats to the species
- 3) Distribution maps of the species
- 4) Maps showing predicted favorable and unfavorable areas of the priority species under climate and global

DATA NEEDS **DATA SOURCES DATA ANALYSIS** Occurrence data National data holdings Ethno zoological data treatments and analysis Environmental data GBIF site (www.gbif.org) Treatments and analysis Vertnet (http://vertnet.org/) of data on threats to Ethno zoological data species Occurrence data cleaning Etc. Data on threats to species Environmental data calibrating to study areas Choice of appropriate modeling methods Spatial distribution and ecological niches modeling **EVALUATION OF DATA DECISIONS TO BE DATA PRODUCTS NEEDED PRODUCTS BY END USERS** SUPPORTED 1) Capacity building to end 1) Prioritization of 1) Ethno zoological users to enable them to protection actions on the importance of the species adequately use the data species 2) Threats to the species products 2) Predicted impact of 3) Distribution maps of the 2) Use of data products in climate change on the species decision making priority wildlife species 4) Maps showing predicted 3) Feedback on fitness for 3) Favorable areas for the favorable and unfavorable use of data products conservation of priority areas of the priority wildlife wildlife species 4) Improvements suggested species under climate and global changes

3-Workflow related to activities to support decisions of HM on priority Neglected Tropical **Diseases**

DATA NEEDS

Occurrence data on diseases' vectors

Environmental data

Data on social and economic impacts of the diseases

DATA SOURCES

National data holdings

GBIF site (www.gbif.org)

Site of World Health Organization

(https://www.who.int/en)

DATA ANALYSIS

Treatments and analysis of data on social and economic impacts of the diseases

Occurrence data cleaning

Environmental data calibrating to study areas

Choice of appropriate modeling methods

Spatial distribution and ecological niches modeling of vectors of diseases

EVALUATION OF DATA PRODUCTS BY END USERS

- 1) Capacity building to end users to enable them to adequately use the data products
- 2) Use of data products in decision making
- 3) Feedback on fitness for use of data products
- 4) Improvements suggested

DECISIONS TO BE SUPPORTED

- 1) Predicted impact of climate change on the risk of propagation of the diseases
- 2) Support for sick people in priority areas under climate and global change

DATA PRODUCTS NEEDED

- 1) Social and economic impacts of the diseases on populations
- 2) Distribution maps of the vectors and households affected by the diseases
- 3) Maps of risk propagation of the diseases under climate and global changes

4-Stakeholders involved in the different components of the workflows, activities and timeframe

DATA NEEDS **DATA SOURCES DATA ANALYSIS** 1) Stakeholders involved 1) Stakeholders involved 1) Stakeholders involved Responsibles: Students, **Responsibles**: Students, Responsibles: Students, supervisors, adviser of the supervisors, end users supervisors, project adviser project (GDWFH, NCFR, MH) 2) Activities Others: End users (GDWFH, 2) Activities 3.1 to 3.3; 4.2 NCFR, MH) 1.1 to 1.4; 2.1 to 2.3 3) Timeframe 2) Activities 3) Timeframe 2021-10-01 to 2023-02-28 1.1 to 1.4; 2.1 to 2.3 2021-04-01 to 2023-02-28 3) Timeframe 2021-04-01 to 2023-02-28 **EVALUATION OF DATA DECISIONS TO BE** DATA PRODUCTS NEEDED **PRODUCTS BY END USERS SUPPORTED** 1) Stakeholders involved 1) Stakeholders involved 1) Stakeholders involved **Responsibles**: End users **Responsibles**: End users **Responsibles**: Students, (GDWFH, NCFR, MH) (GDWFH, NCFR, MH) supervisors, projects advisers Others: Students, Others: students, supervisors, adviser of the supervisors 2) Activities project 2) Activities 3.1 to 3.3; 4.2-4.5 2) Activities 1.1 to 1.4; 2.1 to 2.3; 3) Timeframe 3.1 and 4.1 3.1 to 3.3; 4.2-4.5 2021-10-01 to 2023-02-28 3) Timeframe 3) Timeframe 2021-10-01 to 2023-02-28 2021-04-01 to 2023-02-28