# Brazil Experience in SDG data integration and dissemination

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#### **About SDG Indicators**

- Great diversity of information, coming from many different sources
- The official Institute of Geography and Statistics produces only part of the information needed to produce the SDG indicators
- For the implementation of policies towards the SDG it is necessary that the information be presented with thematic and geographical breakdowns
- Need to build a geographical reference frame for SDG
  - eg. SDG-11 may need neighborhood and SGG-6 river basin
- Greater spatial breakdown available in census than in intercensus periods

## Characteristics of a knowledge platform for SDG indicators

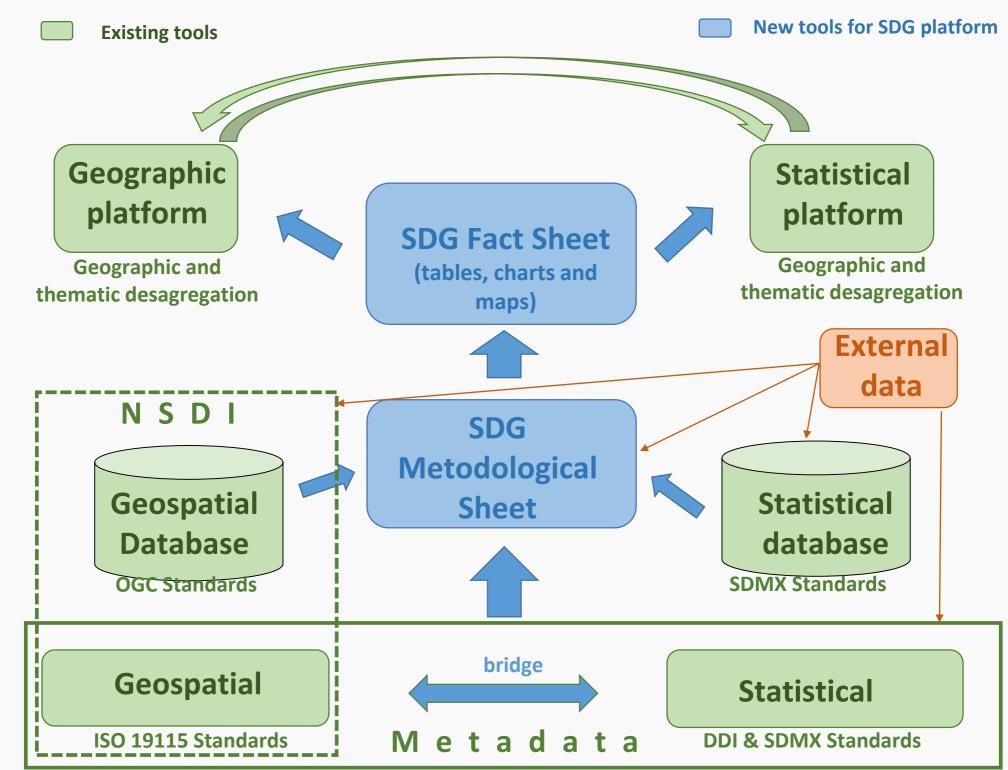
- Clarity in the presentation of information and metadata and ease of use
- Interoperability and be in accordance with the statistical and geospatial information standards
- Integration between statistical and geospatial information
- Possibility of thematic and geographical breakdowns
- Possibility of analysis of historical series
- Possibility of insertion of information by partners
- Possibility of customization

#### Characteristics of a knowledge platform for SDG indicators

- Possibility to display and download data
- Possibility of crosses with related information
- Possibility of collaborative production;
- Possibility of integration with other complementary information
- Integrated with existing systems to avoid duplication of effort and database

#### Solutions adopted by IBGE - Brazil

- Digital platform for the shared construction of SDG indicators with data produced both at IBGE and at partner institutions, including concepts and metadata
- Web portal for dissemination of SDG indicators
- Take advantage of existing digital tools in IBGE in the production and dissemination of SDG indicators.



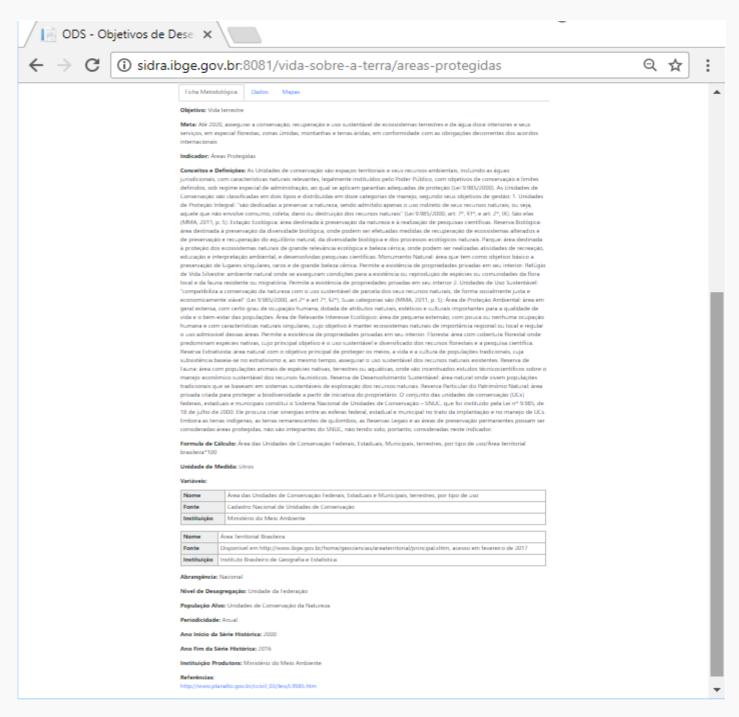
#### **Main Interface – Select Goal**



## Select target and indicator



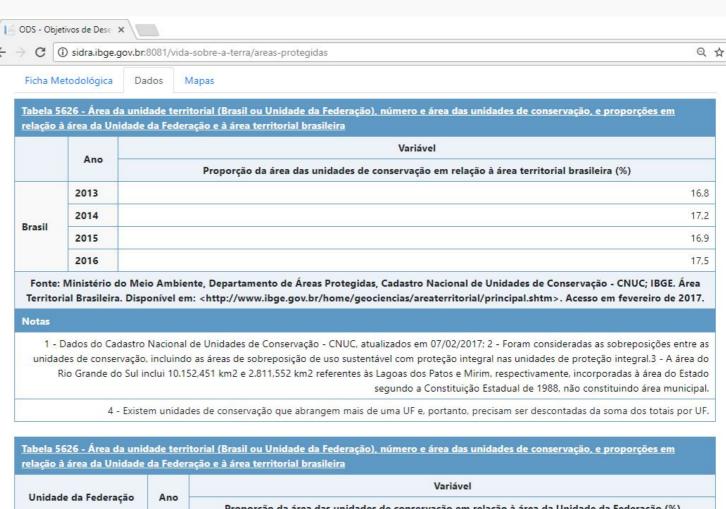
## **Metodological Sheet**



#### **Default chart**

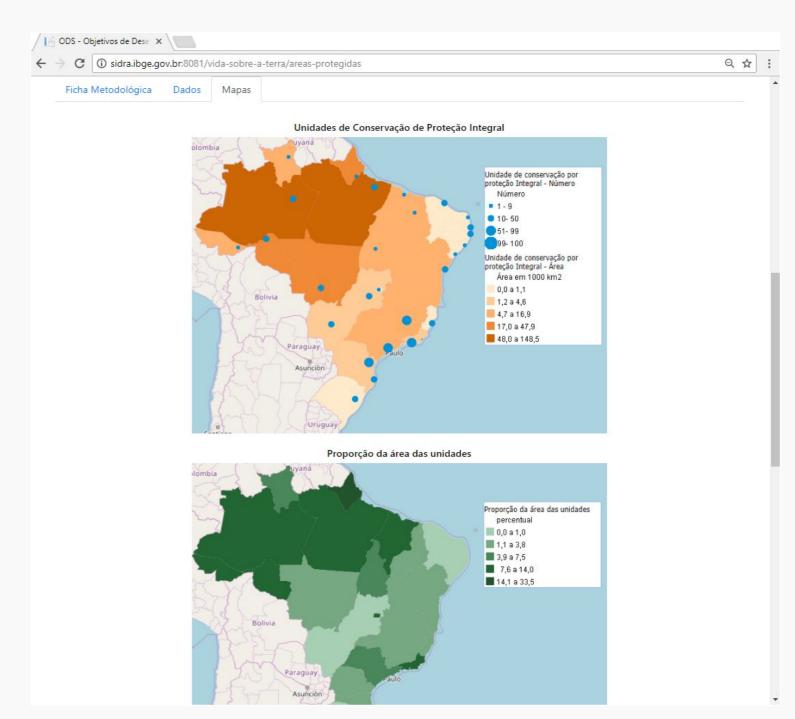


#### **Default tables**

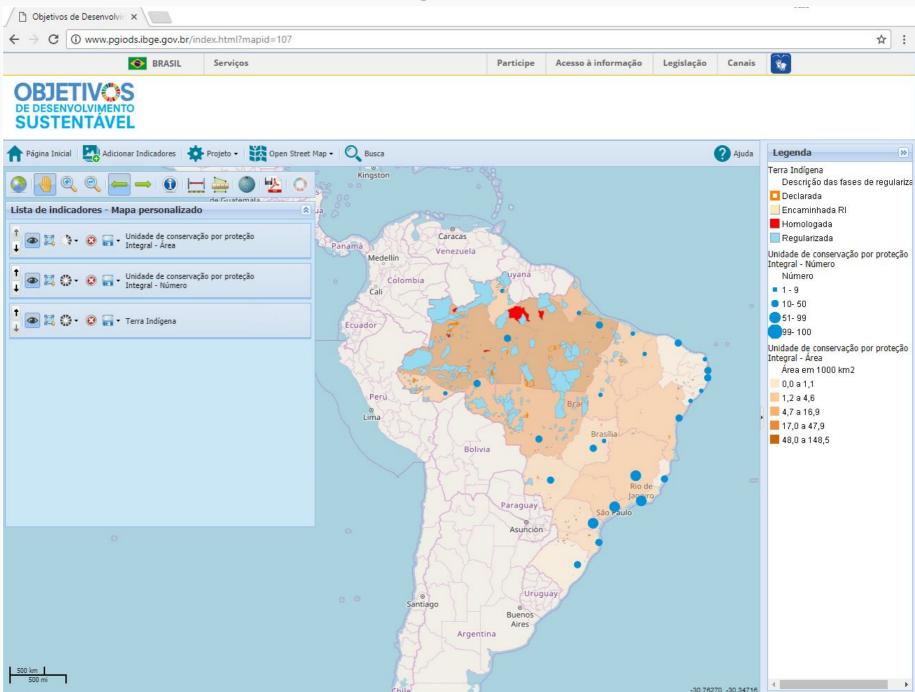


| Unidade da Federação |      | Variável  |
|----------------------|------|---|
|                      | Ano  | Proporção da área das unidades de conservação em relação à área da Unidade da Federação (%) |
| Rondônia             | 2016 | 23,2  |
| Acre                 | 2016 | 32,3  |
| Amazonas             | 2016 | 28,1  |
| Roraima              | 2016 | 21,6  |
| Pará                 | 2016 | 32,4  |
| Amapá                | 2016 | 62,8  |
| Tocantins            | 2016 | 13,4  |
| Maranhão             | 2016 | 22,2  |
|                      |      |   |

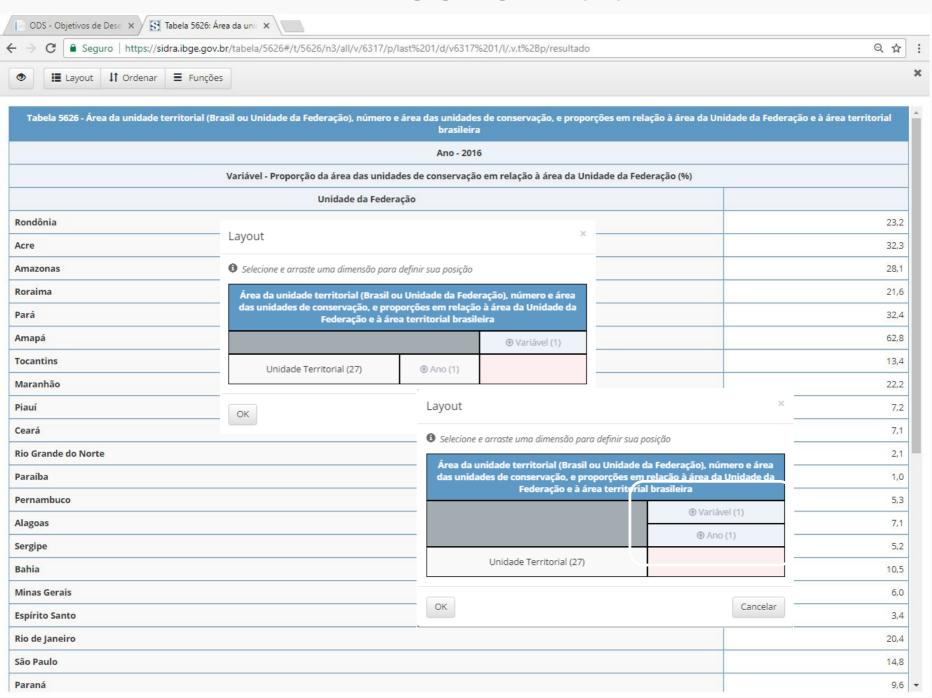
## **Default maps**



# Customized map combining external data



## Customized table selecting geography, years and themes



#### Remarks

- Avoid duplication of efforts in terms of data and system development;
- Fast implementation
- Good usability
- Agreed statistical and geospatial internacional standards
- Direct access to statistical and geospatial SDG data, including thematic and geographic breakdown.
- Possibility to construct on demand tables and maps;
- The SDG platform is part of a general strategy to build a Brazilian "data ecosystem", integrating geospatial and statistical data