



Geospatial Information for Integration and Development in Rio de Janeiro

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Context

- Data is everywhere, every time
- Data is produced and consumed everywhere and every time



Goals:

- Mobilize, as much as possible, technical and human resources
(internal and external to the City Hall)
- Setup a platform of Collective Intelligence

Society



Daily technical work



Sensors



**A smart city is
a city that knows itself**

**A smart city is
a connected city**



The **SIURB** Initiative
Urban Information System

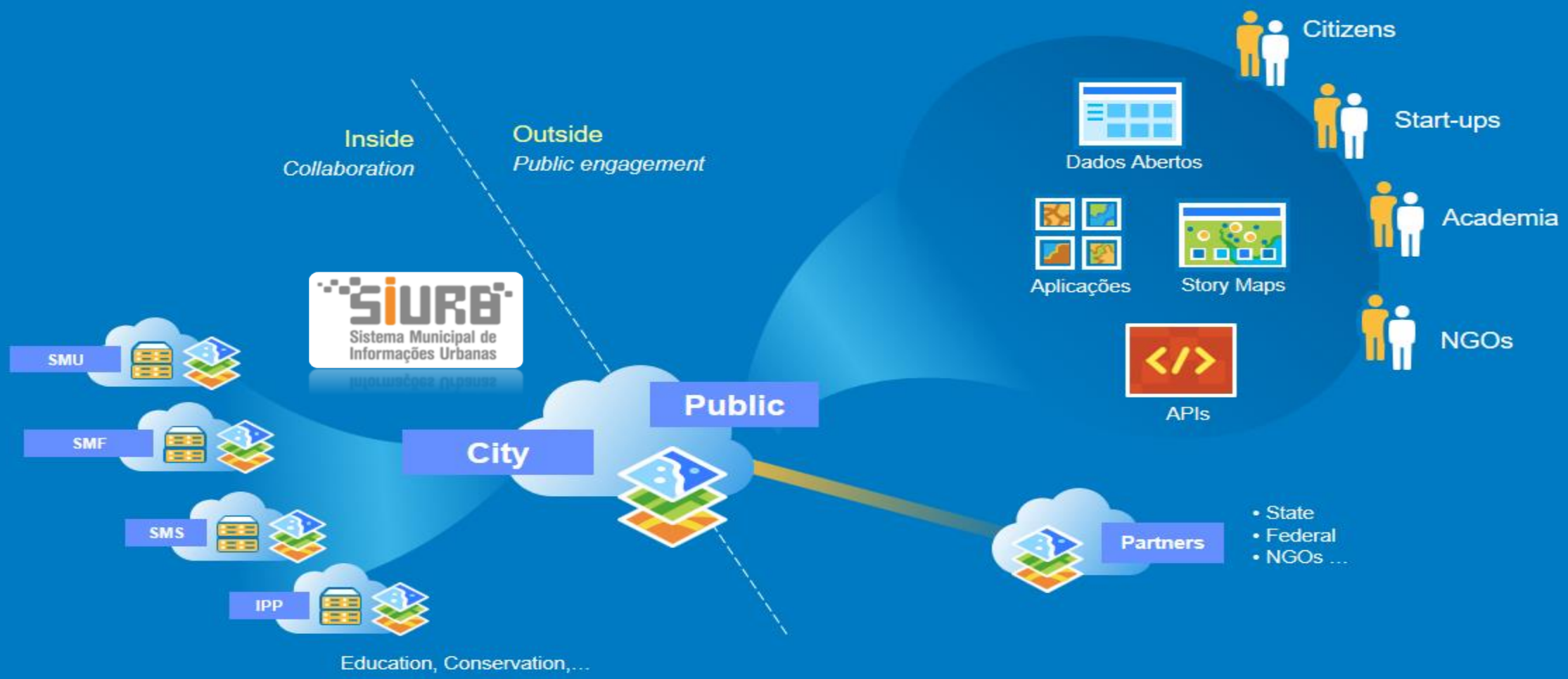
Shared production, Cooperative and Open



Success of the information policy of the City of Rio de Janeiro

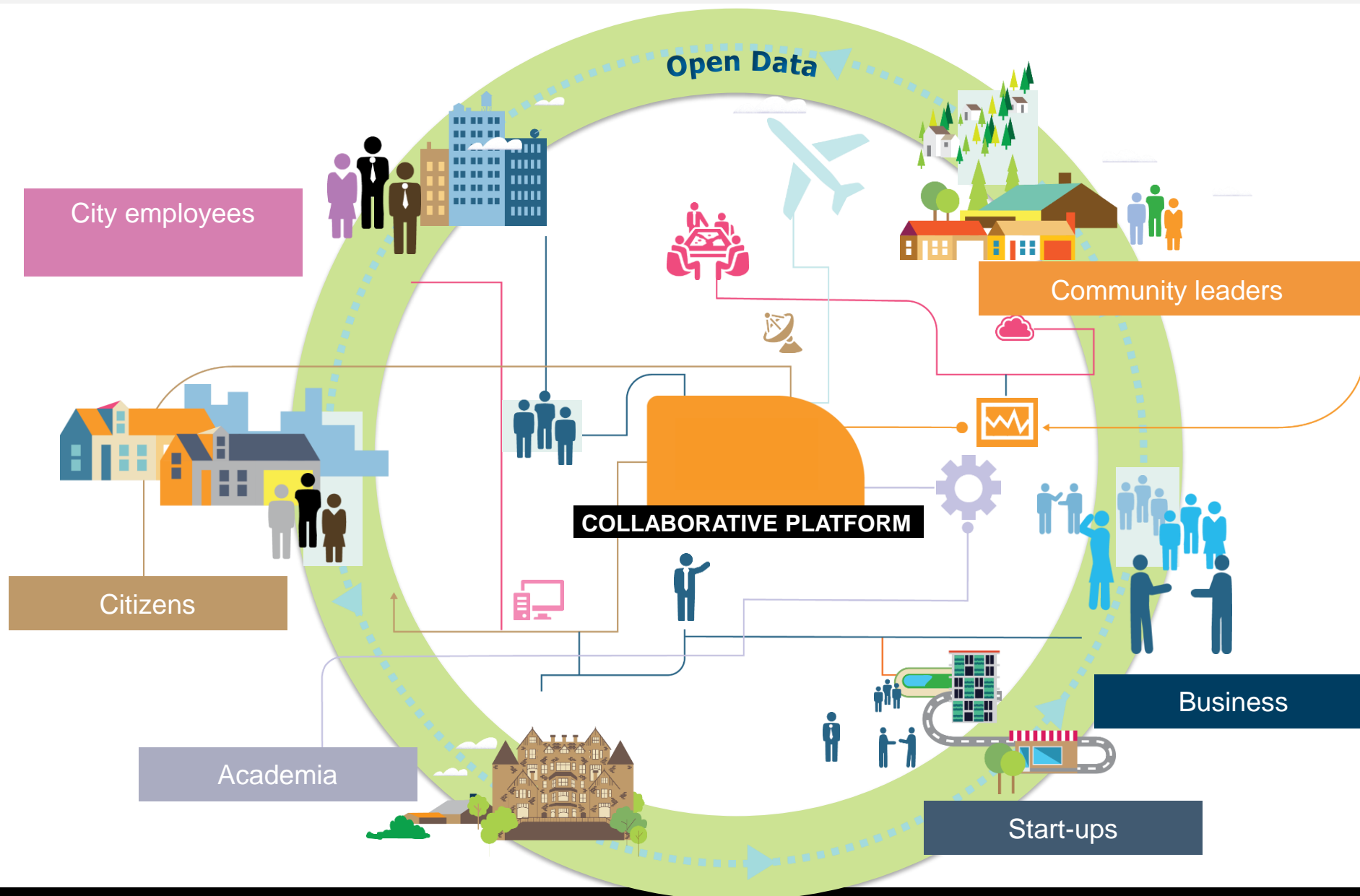


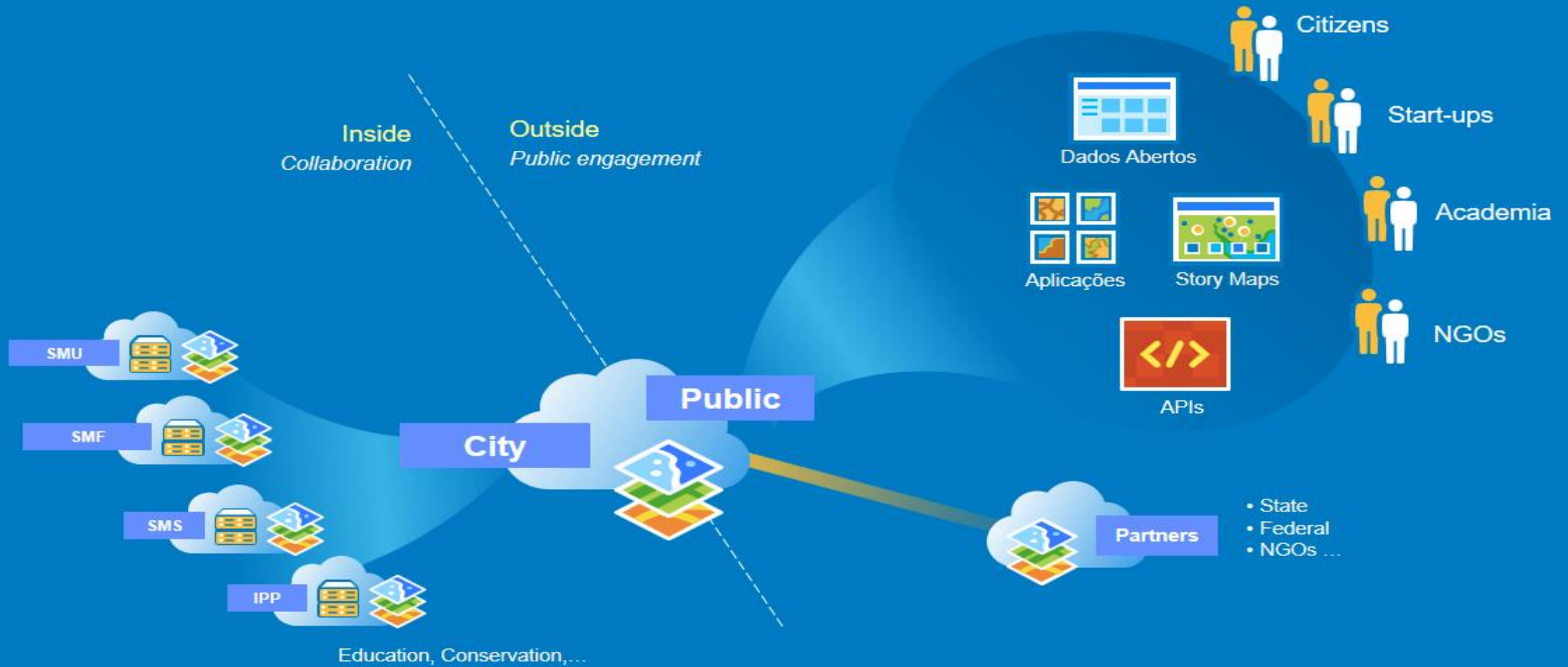
Building the Platform. An ecosystem for Innovation



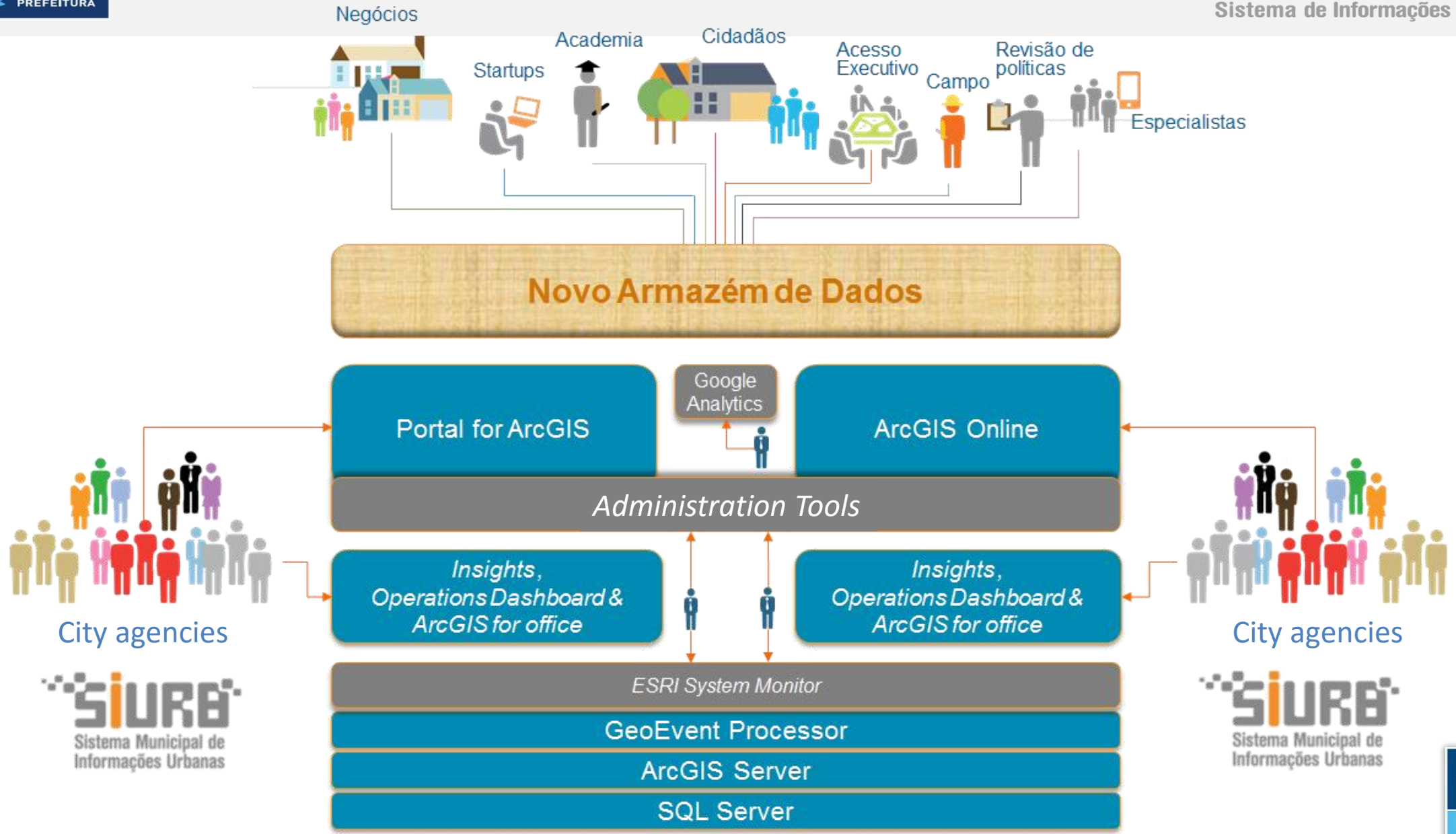
O Armazém de Dados

An ecosystem for Innovation





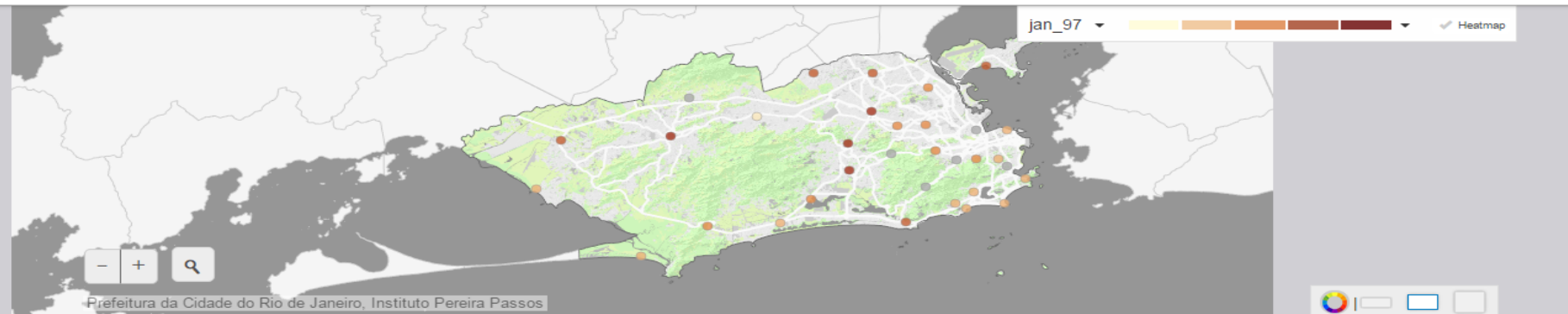
Building blocks of the Collaborative Platform



Where we are Today

* SEARCH WITHIN MAP

Luiz Roberto My Activity



COMMENTS

Be the first to comment on this dataset.

Comment and Share

< Dados Pluvio mes

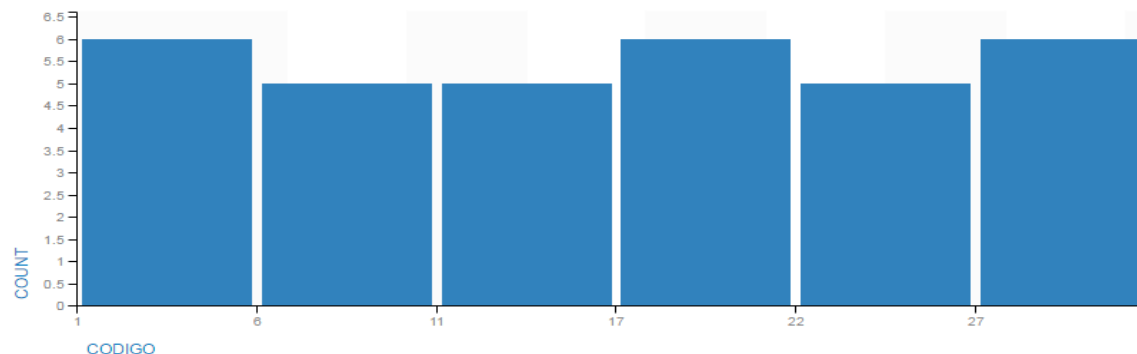
Open In ArcGIS Comments (0) Share Download Dataset APIs

Details Table Charts

CHART DATA
codigo

STYLE

- Histogram
- Line Chart
- Donut Chart
- Scatter Plot



Range: 1 to 33 Mean: 17 Count: 33

Styling

Embed Chart

Enter comment

Post

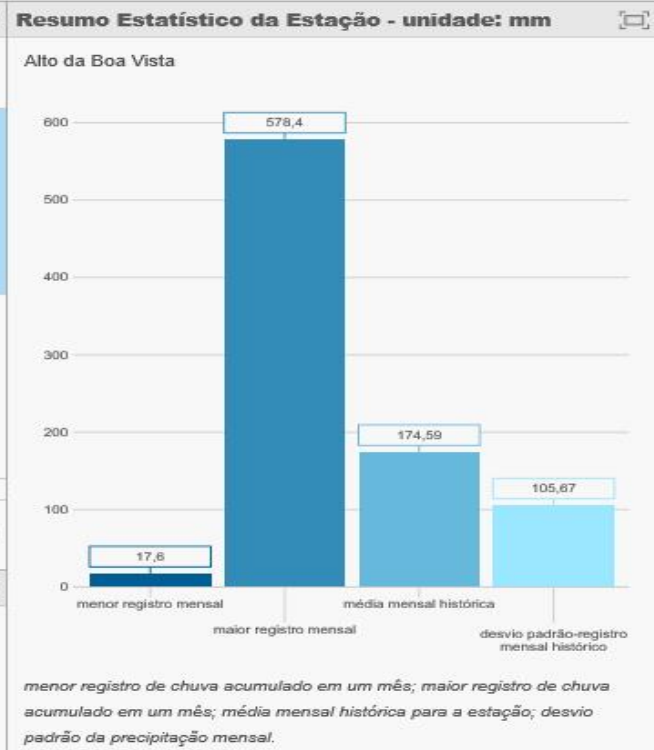
Mapa Digital do Rio de Janeiro - Painel de Chuvas no Rio de Janeiro

Estações Pluviométricas

Filtrar

<p>Alto da Boa Vista</p> <p>média mensal histórica: 174,59 mm menor chuva registrada: 17,6 mm maior chuva registrada: 578,4 mm Total acumulado neste ano: 936 mm</p>	>
<p>Est. Grajaú/Jacarepaguá</p> <p>média mensal histórica: 106,27 mm menor chuva registrada: 7,2 mm maior chuva registrada: 488 mm Total acumulado neste ano: 918,6 mm</p>	>

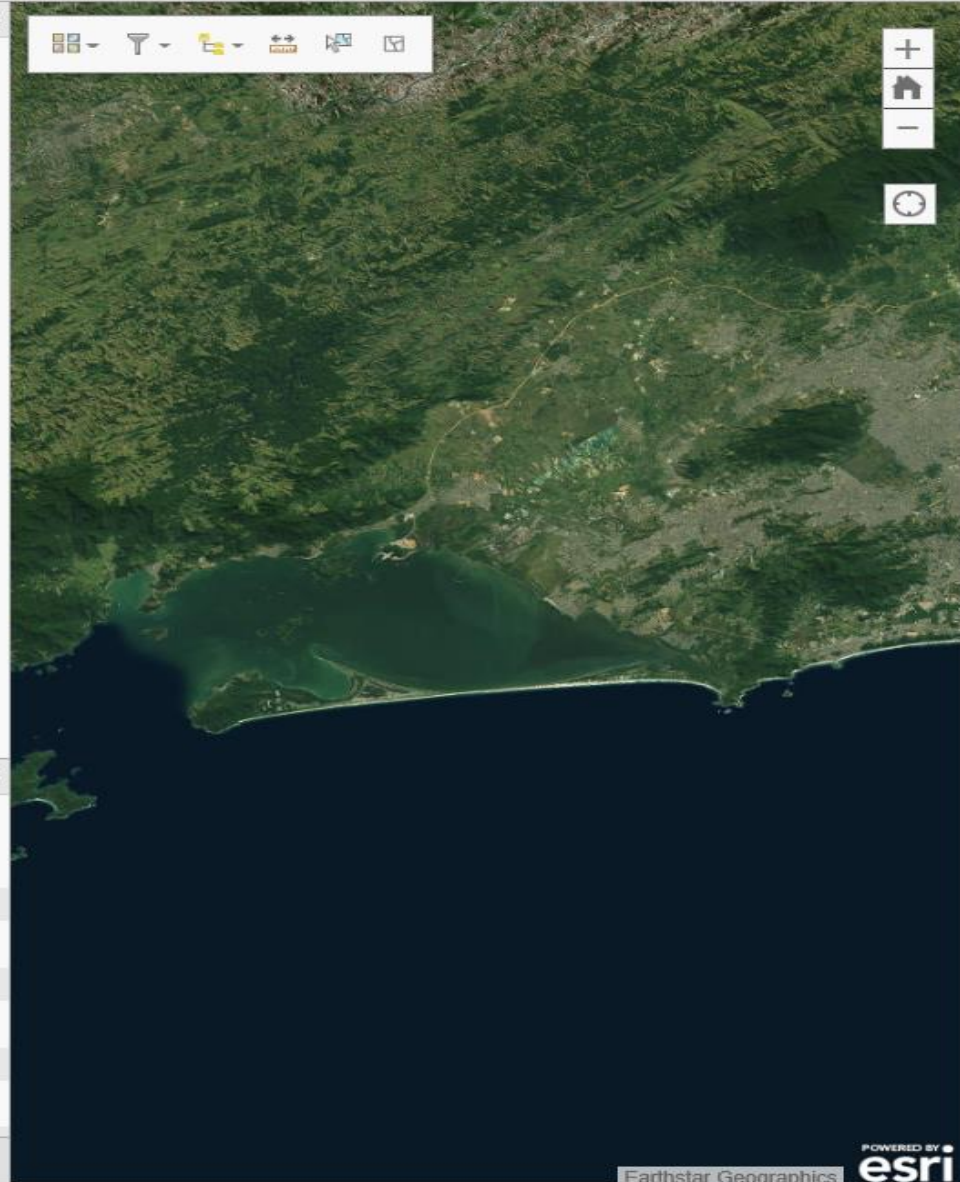
clique sobre a estação desejada para acessar outras informações. As estações estão classificadas pela precipitação do ano corrente



Estatísticas da Estação

Estatísticas para a Estação: Alto da Boa Vista

codigo	28
média mensal atual	312
máxima mensal atual	421,8
mínima mensal atual	210,4
Total - ano corrente	936
média mensal histórica	174,59
maior registro mensal	578,4

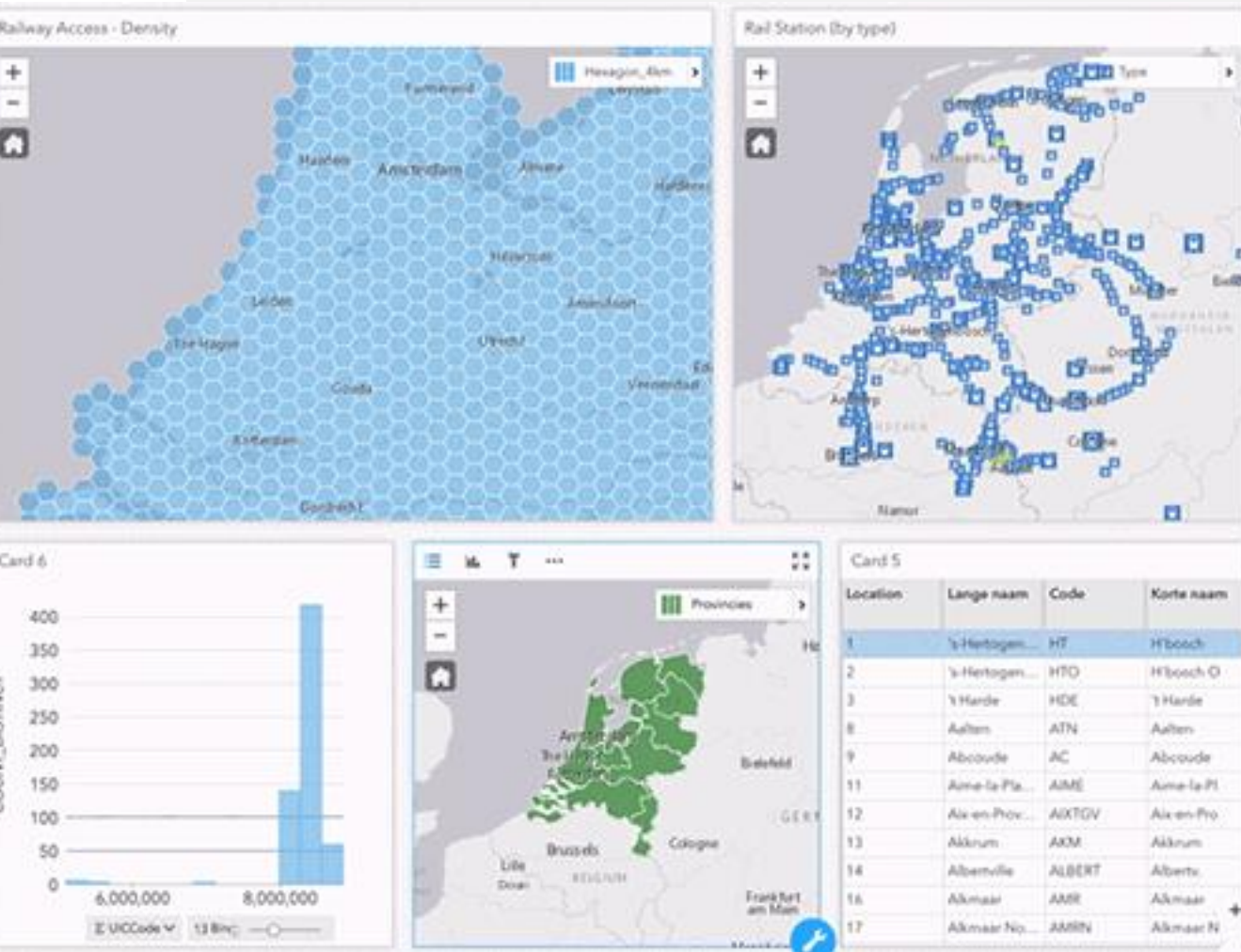


Operations Dashboard

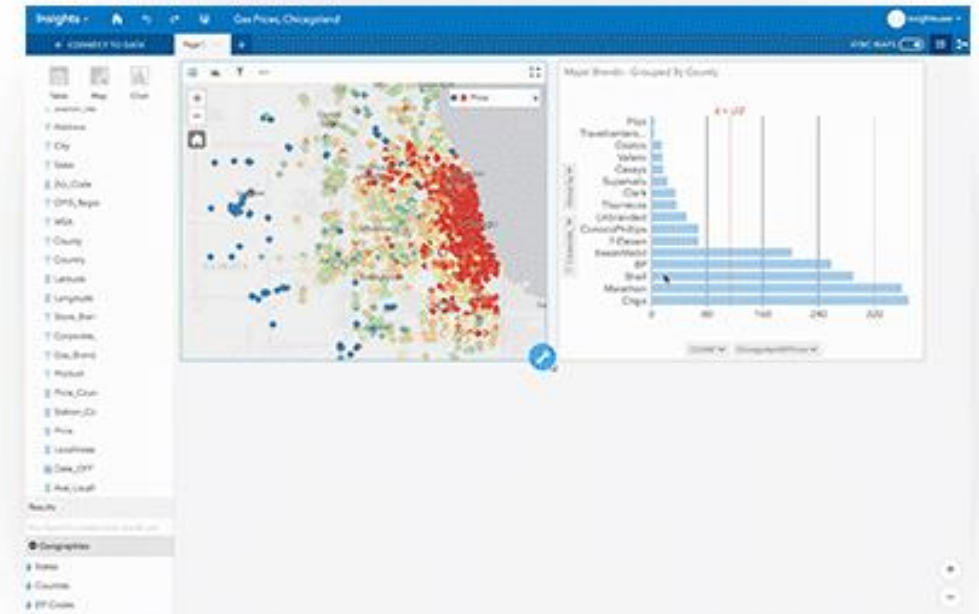
Near Future

To move a step further

- ✓ Implement Armazém de Dados & SIURB Collaboration Environment
- ✓ Just finished to put together specifications to build the new platform
 - *Hardware, Software and Services*
- ✓ Hybrid solution – Cloud and On premises



Insights



- Consolidation of city's cartography
 - Base map consolidation
- Finalize the integration of all city's records dealing with
 - Blocks, lots, buildings, sidewalks, street box, patio shaft, parking spaces, trees, squares, ...



Potencial Applications

- There is a number of applications identified
 - *SIURB has brought up number of new applications and use of data*
- The projected infrastructure will be able to support these requirements
- An initial set of applications will be part of this project
 - City Hall in Action
 - 1746
 - Project Portfolio
 - SIGTEP
 - CadLog
 - Rains panel
 - Dengue
 - BDA

Wrap-up

Thanks!

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