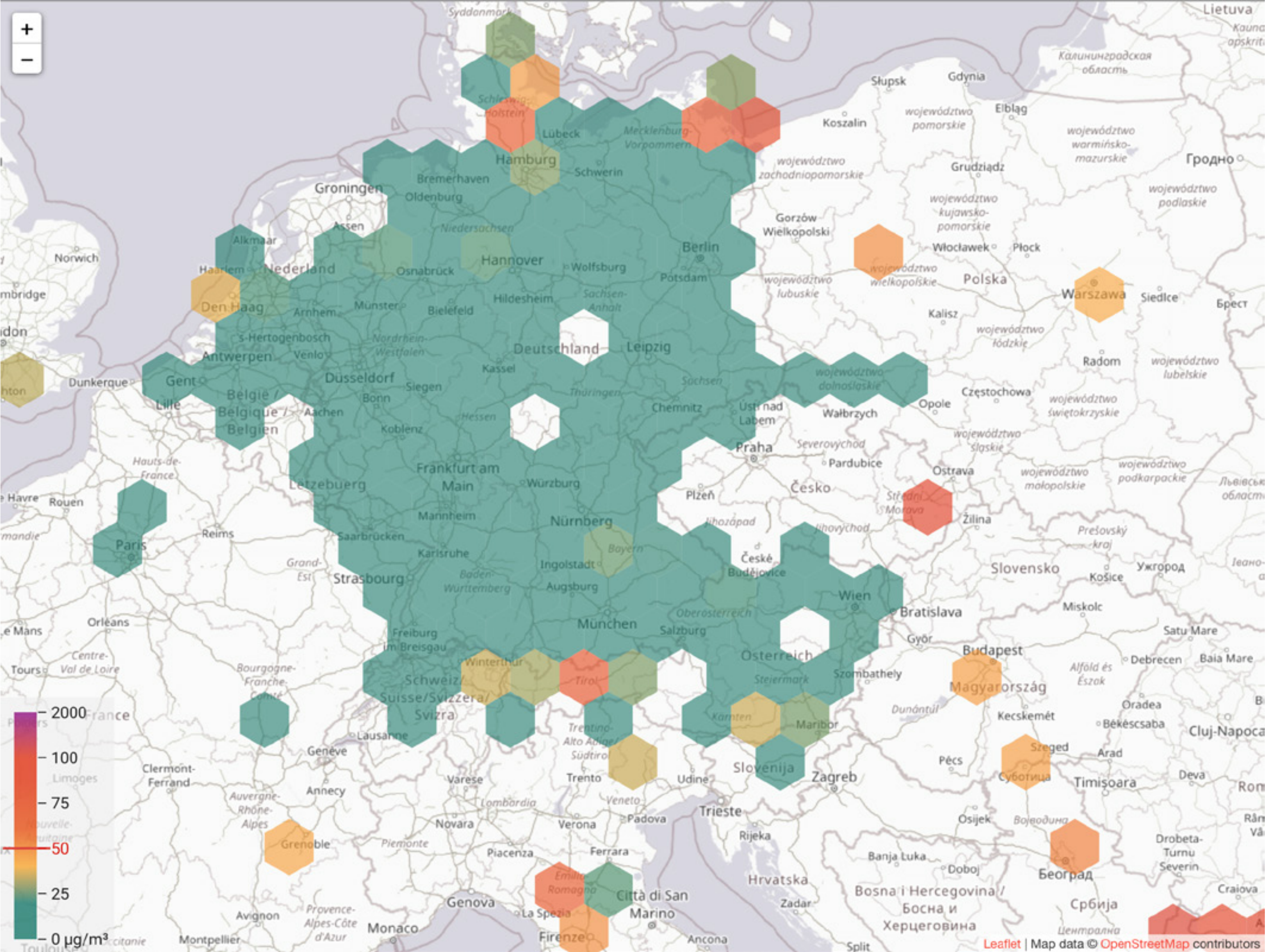
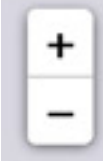
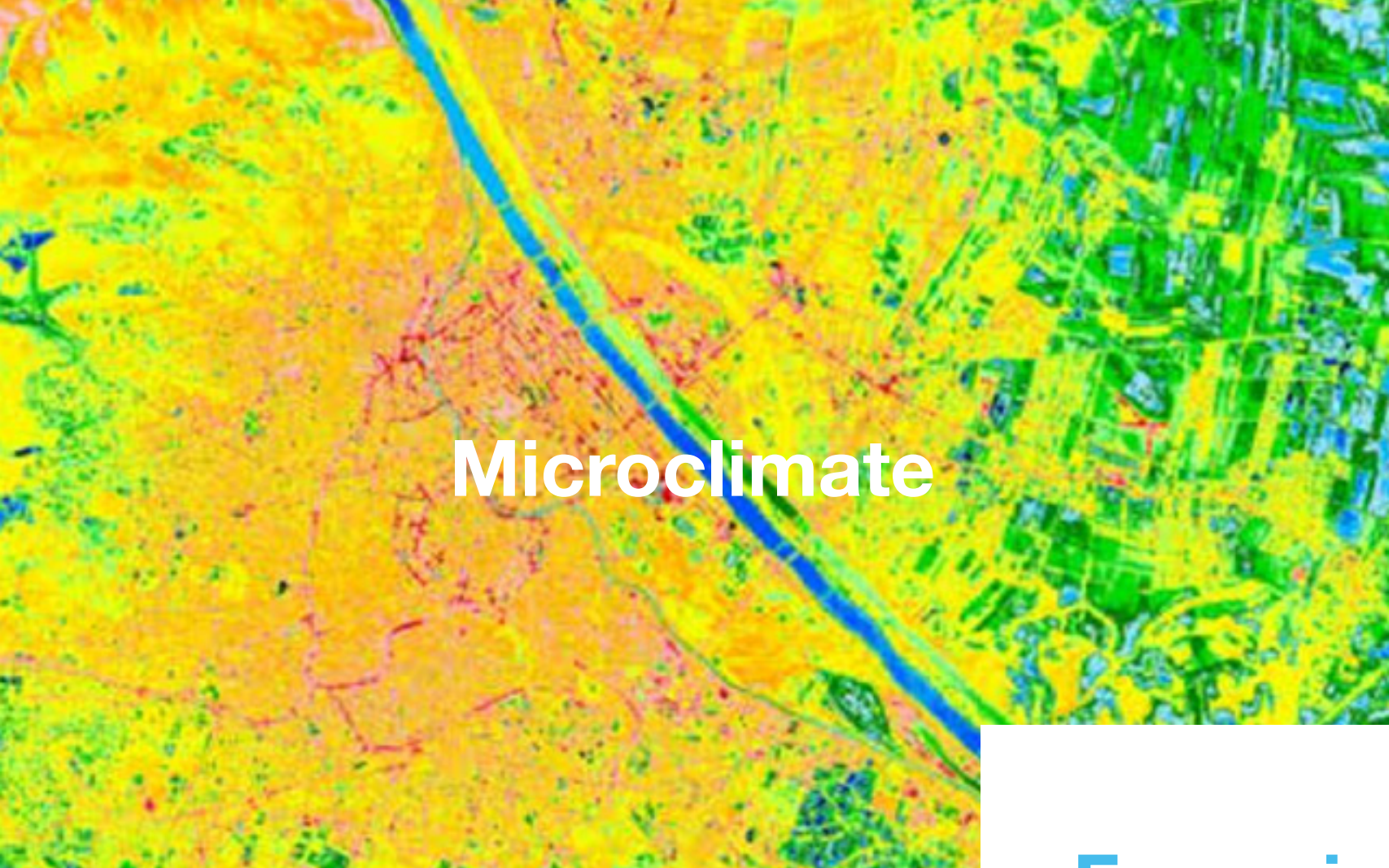


**luftdaten.at**

Silvio Heinze | CAPTOR Conference Milano  
14th Nov 2018





**Focus in Austria**





Measure nitrogen oxides



Wireless energy supply

# Challenges

```

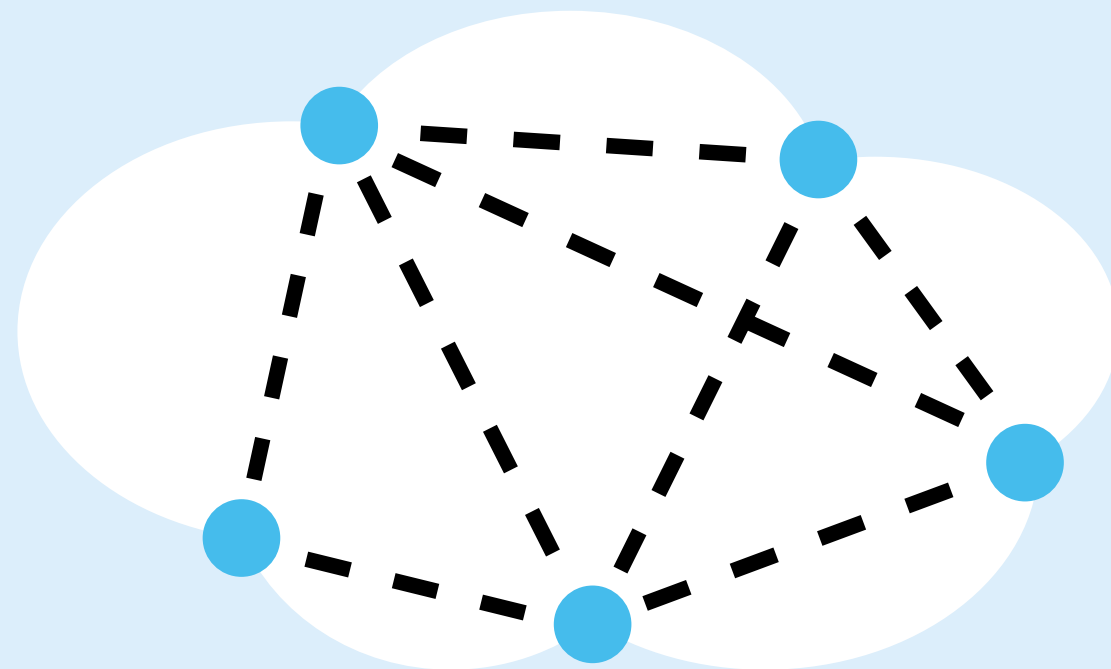
7 app = dash.Dash()
8
9 df = pd.read_csv(
10     'https://gist.githubusercontent.com/chriddyp/'
11     'cb5392c35661370d95f300086acce51/raw/'
12     '8e0768211f6b747c0db42a9ce9a0937dafcbd8b2/'
13     'indicators.csv')
14
15 available_indicators = df['Indicator Name'].unique()
16
17 app.layout = html.Div([
18     html.Div([
19
20         html.Div([
21             dcc.Dropdown(
22                 id='xaxis-column',
23                 options=[{'label': i, 'value': i} for i in available_indicators],
24                 value='Fertility rate, total (births per woman)',
25             ),
26         ],
27         dcc.RadioItems(
28             id='xaxis-type',
29             options=[{'label': i, 'value': i} for i in ['Linear', 'Log']],
30             value='Linear',
31             labelStyle={'display': 'inline-block'}
32         )
33     ],
34     style={'width': '48%', 'display': 'inline-block'}),
35
36     html.Div([
37         dcc.Dropdown(
38             id='yaxis-column',
39             options=[{'label': i, 'value': i} for i in available_indicators],
40             value='Life expectancy at birth, total (years)'
41         ),
42         dcc.RadioItems(
43             id='yaxis-type',
44             options=[{'label': i, 'value': i} for i in ['Linear', 'Log']],
45             value='Linear',
46             labelStyle={'display': 'inline-block'}
47         )
48     ])
49 ]),
50 style={'width': '100%', 'display': 'flex'}
51 )

```

Open Data format and API for air data



Research and visualizations for urban context



**contact us**

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