Smart City Vienna

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How smart is the capital city of Vienna, and how does it plan to manage it's growing population in a smart way?

History of Vienna



881:

First documented mention of the name "Wenia" for Vienna

1282:

The long rule of House Habsburg begins (- to last until 1918)

1221: Granting of the Town Charter

First Roman military camp "Vindobona" is erected

1137:

First documented mention of Vienna as a town



1469:

The diocese of Vienna is founded 1547:

First maps of Vienna by Augustin Hirschvogel



First public lighting system with oil lamps

Duke Rudolf IV establishes the first university in Vienna



Urban enlargement (incorporation of suburbs): Vienna has 8 districts

1814: Congress

of Vienna

1795: The Vienna Albertina is founded

1737:

Completion of St. Charles' Church 1695:

Construction of Schönbrunn palace starts

1858:

Construction of the Ringstraße boulevard



1890:

Urban enlargement (incorporation of suburbs): Vienna has 19 districts

1897:

The Vienna Giant Ferris Wheel is built in Prater



1918:

End of World War I

1862:

Opening of Stadtpark, foundation of the Vienna Statistics Bureau

1870:

Construction of the 1st Vienna Spring Water Pipeline

Construction of the 2nd Vienna Spring Water Pipeline

1981:

Opening of Danube Island, a new local recreation area

Opening of the first public underground line (U1)

1945: End of World War II

2015:

Eurovision Song Contest in Vienna

1954:

Vienna takes its current shape and area, subdivided into 23 districts

1922:

Vienna becomes a federal province in its own right

Finals of the European Football Championship in Vienna



History

- WWI results in shortages and inflation
- · "Red Vienna"
- 1919 Housing Requirement Act
- Social and Health Services
- · WWII
- 1945-1955 Allied Occupation
- 1955 Independence and Treaty



Red Vienna (1919-1934)

- Social Democratic Majority
- Social and Health Services
- First time the city was democratically governed



Modern Day Vienna

- · 1,840,226 people as of 2016
- +187,777 from 2006 to 2016
- · +42,889 from 2015-2016
- Land use: 41,487 ha total
 - Green Space: 45.1%
 - Built-Up Space: 35.8%
 - Road Space: 14.4 %
 - Bodies of Water: 4.7%



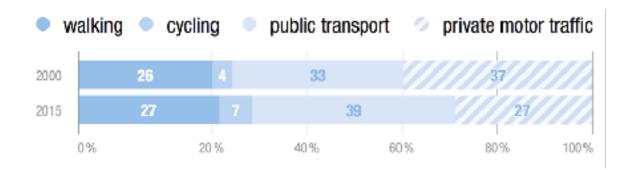
Finances

- Annual Financial Statements:
 - 18.7% Social Welfare/Housing
 - 18.4% Local Authority Tasks
 - · 17.6% Health Care
 - 17.3% Education
 - 9.0% Public Finance
 - 8.0% Road Maintenance, Public Transport
 - · 6.5% Services
 - · 2.3% Arts and Culture
 - 1.4% Public Order and Security
 - · 0.8% Business Promotion



Public Transport

- 5 metro lines, 29 tram lines,
 127 bus lines
- 541 electric cars
- 1,298 km of bike lanes
- 685,570 private motor vehicles
- 698,968 "Jahreskarten" issued
- State run navigation apps

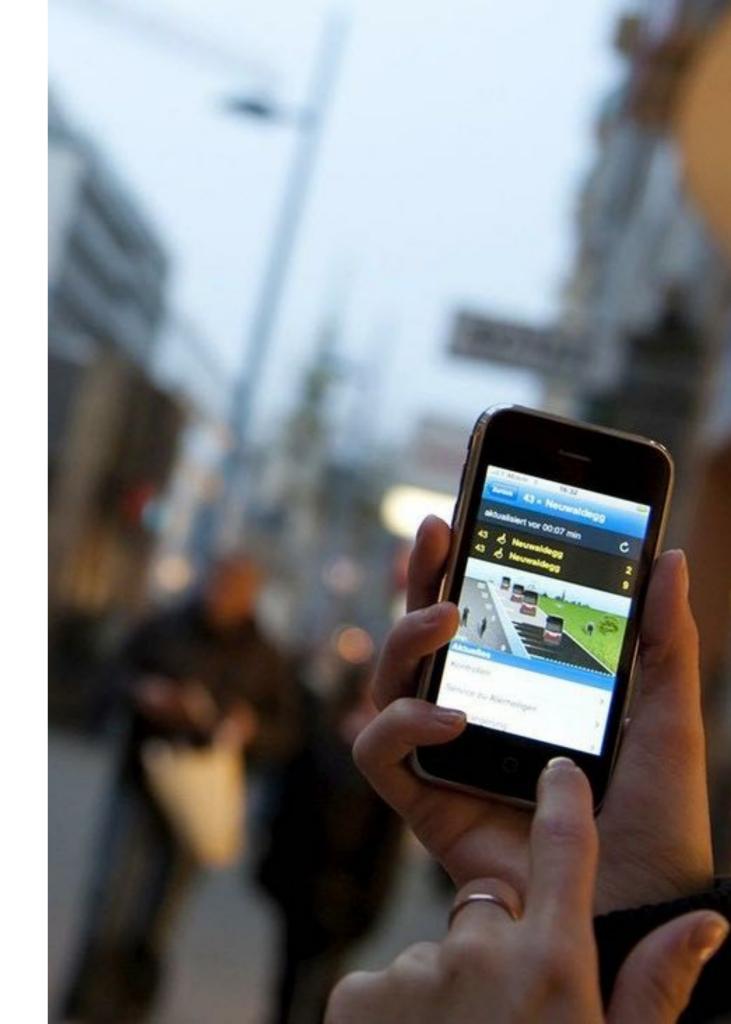




The Smart Future of Vienna

- Cities responsible for 3/4 of all energy consumption and 80% of greenhouse gas emissions.
- By 2050, 2/3 of the world's population will live in cities.
- The population on Vienna will grow to over 2 million by 2025.

How does Vienna maintain it's quality of life for all citizens? By radically preserving resources through social and technological innovations.



Smart City Wien

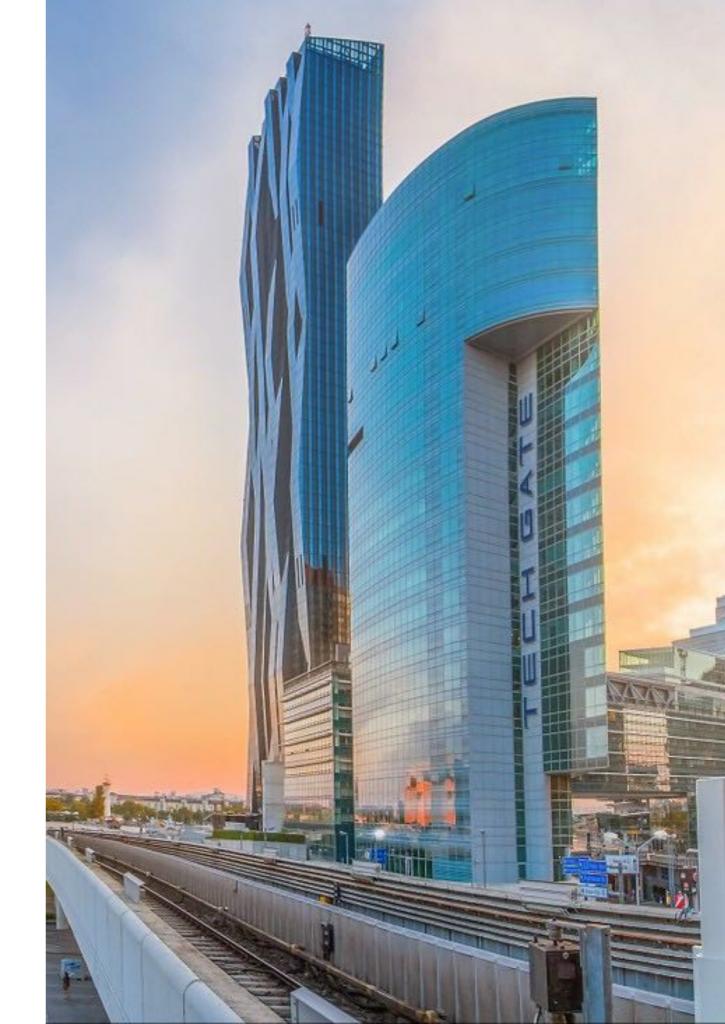
- How is Vienna defining the term "Smart City?"
- What is the framework being used?
- Who is involved?
- What are the goals?
- What is already underway?
- How does it compare to other Smart City Initiatives? What can it lean from them?



Smart City Wien

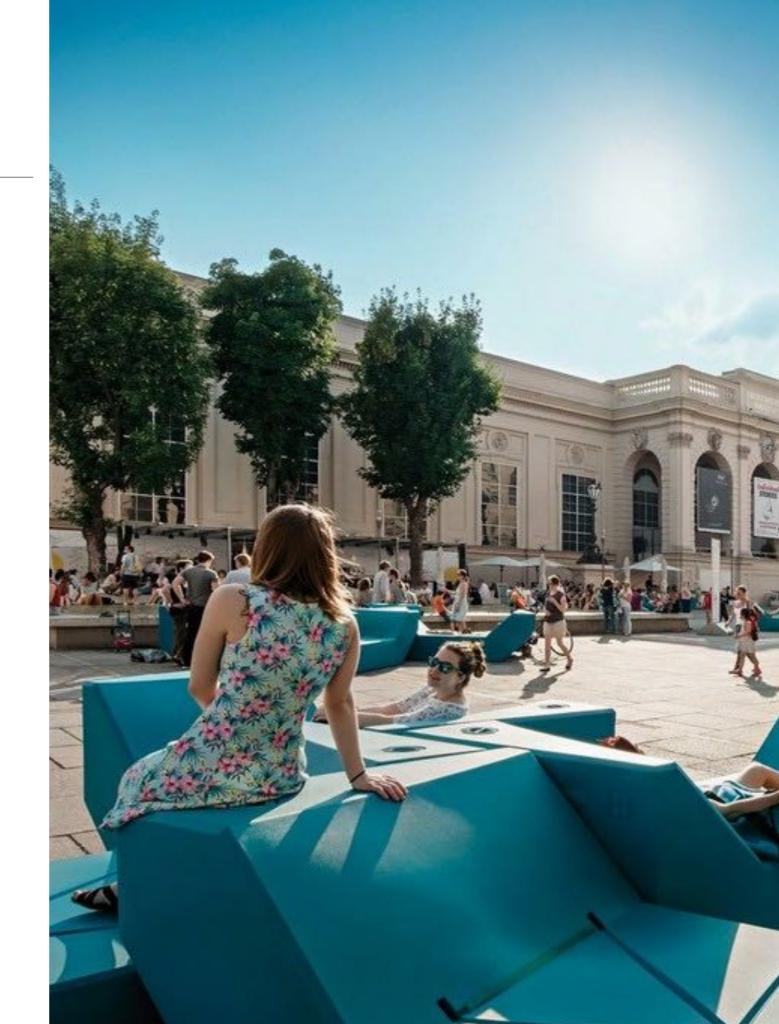
"The "Smart City Wien Framework Strategy" is a long-term umbrella strategy to 2050 that will establish a conducive, long-term and structural framework that will exist alongside other established documents, plans and programs." The three fields of action are:

- Quality of Life
- Resources
- Innovation



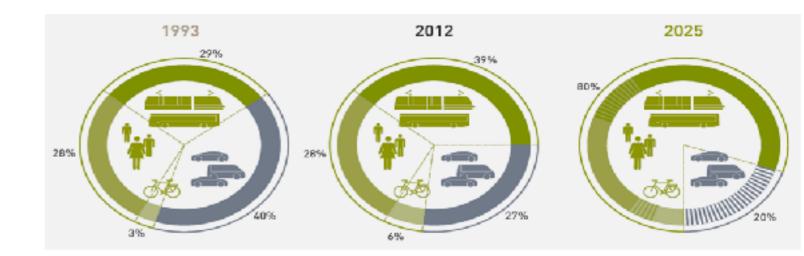
Who is Involved?

- Citizens
- Smart Businesses
- Municipalities
- Private Sector



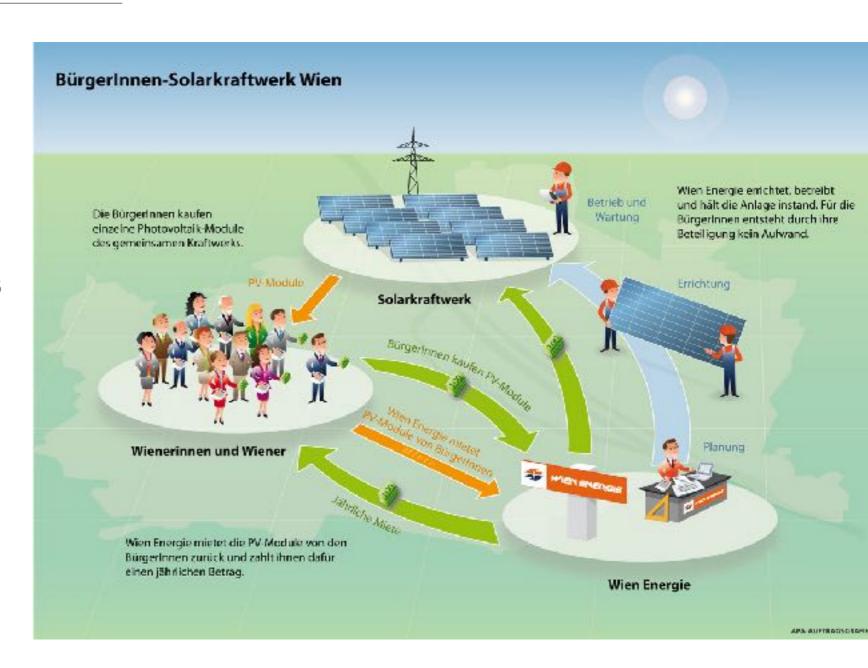
What are the goals?

- EU Emissions and Energy Goals
- Green Space
- Research and Innovation
- Expanded Public Transport and Electro Mobility Network



What is already underway?

- Wien Gestalten
- New Social Housing Builds
- Citizens' Solar Plant
- Changes and Additions to Public Transport
- Neu Marx Quartier

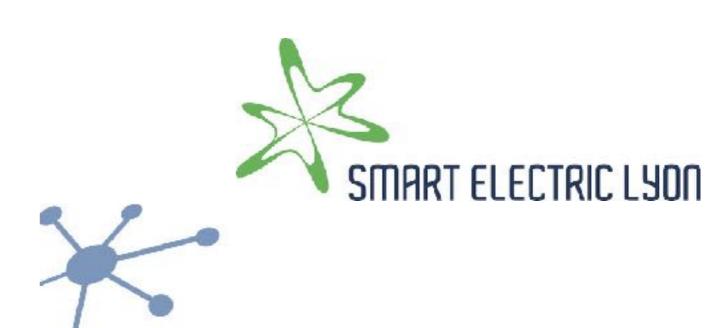


Learning From Other Smart Cities

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- Amsterdam
 - Urban Lab Platforms
 - Residents as Equal Contributors
- Barcelona
 - Active Social
 Transformations
- Smarter Together





THANK YOU!