

Smart City Vienna

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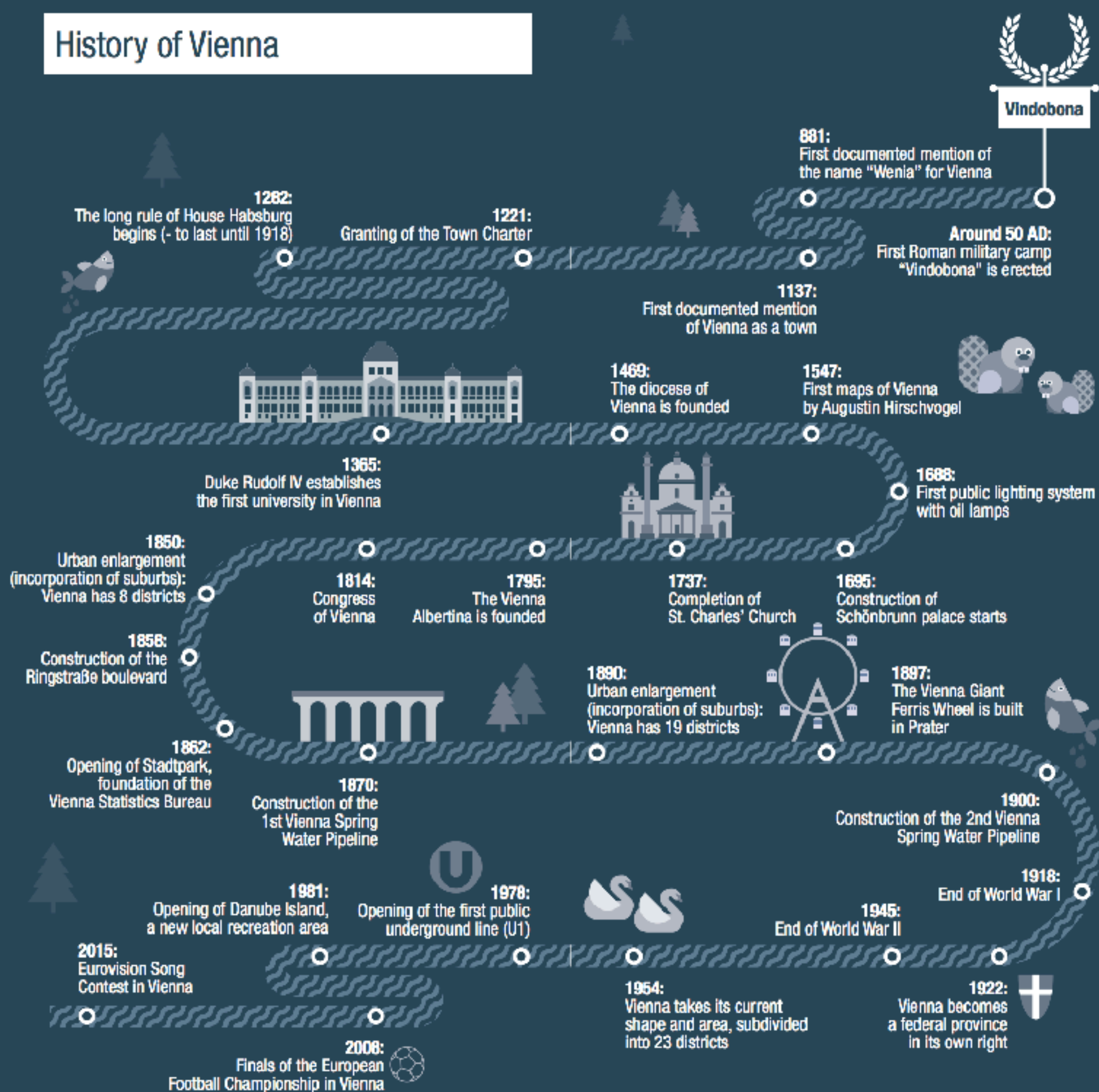
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How smart is the capital city of Vienna, and how does it plan to manage it's growing population in a smart way?

History of Vienna



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



Vienna after bombing

Red Vienna (1919-1934)

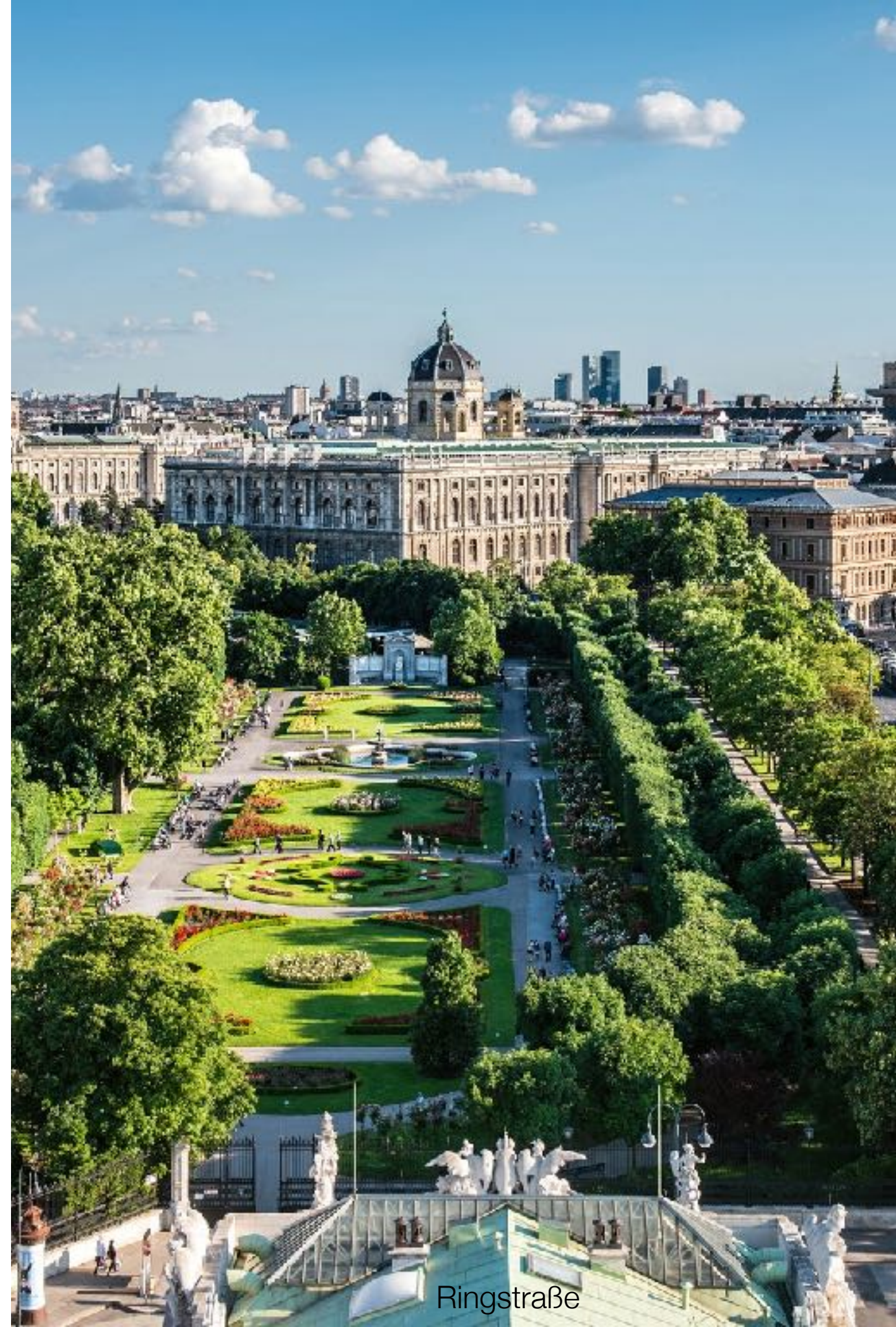
- Social Democratic Majority
- Social and Health Services
- First time the city was democratically governed



Vienna after bombing

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%



Ringstraße

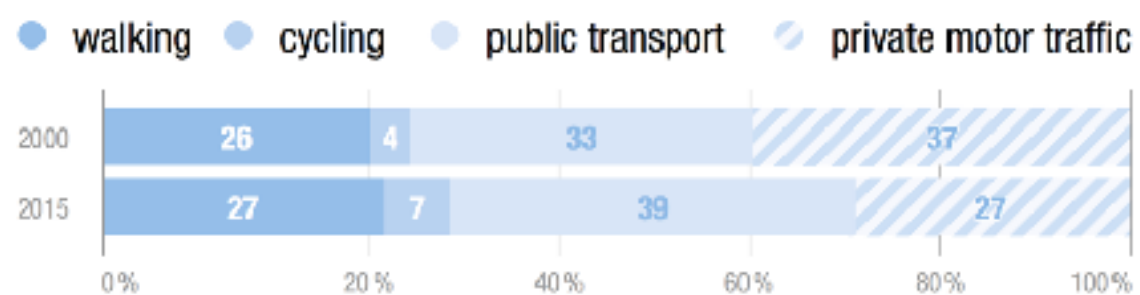
Finances

- 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 learn 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

*Stephan Hartmann,
Junior Project Manager
City of Vienna*



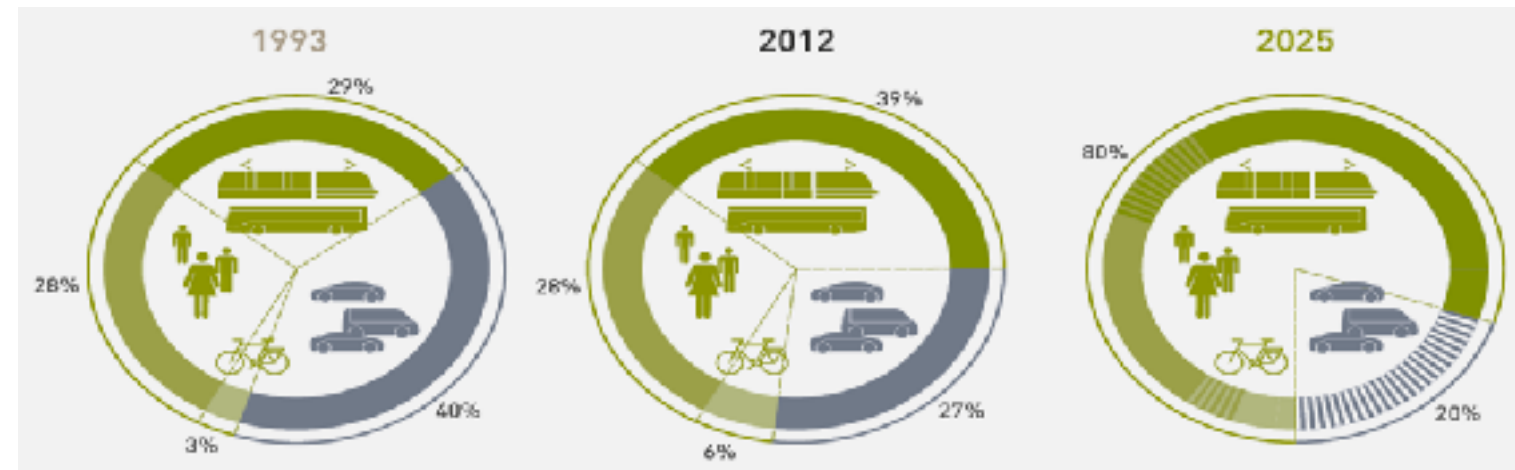
Who is Involved?

- Citizens
- Smart Businesses
- Municipalities
- Private Sector



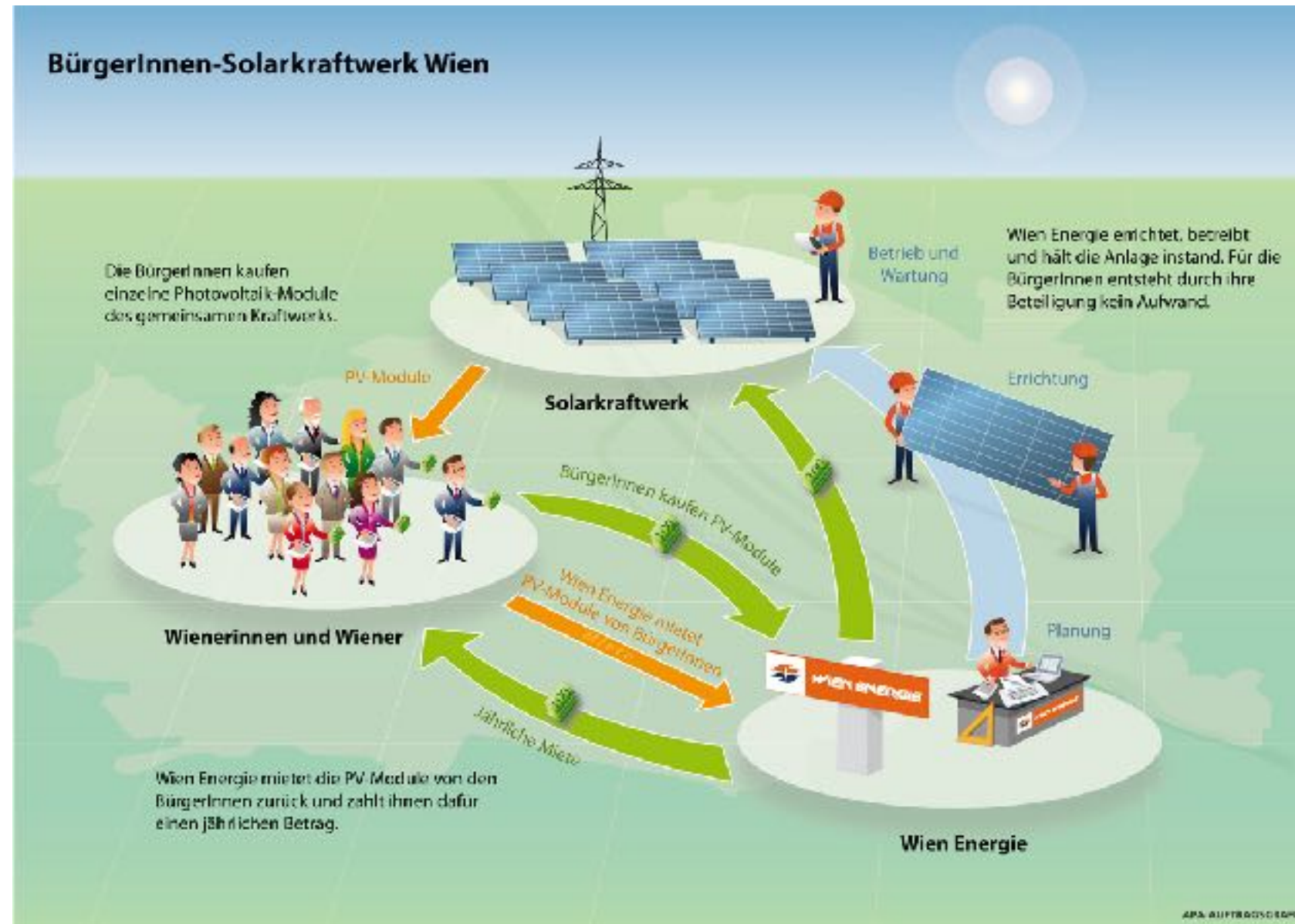
What are the goals?

- 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

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



SMART ELECTRIC LYON



smartcity
barcelona



THANK YOU!