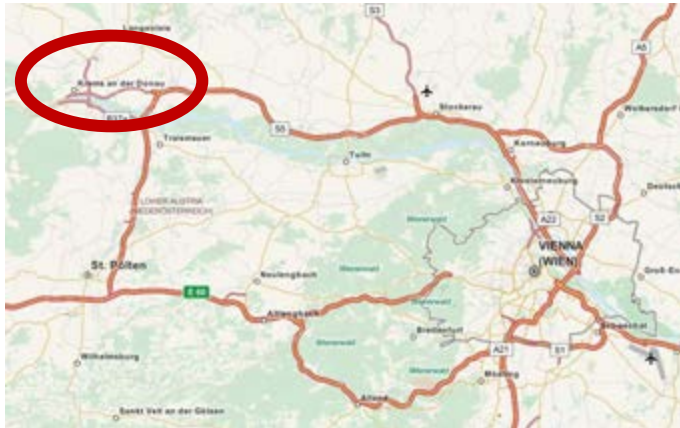


Smart Cities & Smart ICT



Who we are

- Center for E-Governance, Danube University Krems



- Research on the Intersection of
 - Government Processes and Procedures
 - Government Stakeholders: Citizens, Business
 - ICT
- Advanced training towards MSc & MBA in Management & IT

Our Projects

- City of Vienna
 - Study on the implementation of the Open Government strategy
 - Support on Open Data projects
 - ICT usage towards a smarter City
- Austrian Chancellery
 - Project Group eDemocracy and Workplace of the Future
 - Open Data Applications for Austria
 - Development of Open Government Data Standards
- Ministry of Finance
 - Re-occurring jour fixe with IT-department

1. FACTS

Cities

give home to +50% of

Mankind

As of ~ **2009**, more than **50% of world's population is living in cities**

Until 2050, this will rise to 75%

For western civilizations this is today
already at 75%



http://www.mckinsey.com/insights/economic_studies/global_cities_of_the_future_an_interactive_map

A glowing yellow-orange pot, resembling a melting pot, sits on a dark surface. The pot is illuminated from within, casting a warm glow. The background is dark, and the pot is the central focus of the image.

**Cities
are a melting pot of
Growth & Innovation**

FACTS

In 2020, 600 cities will account for 65% of BNP <http://www.unhabitat.org/cdrom/docs/wuf1.pdf>

80% of BNP is generated in cities
(in developed countries) <http://knowledge.insead.edu/economics-politics/cities-of-the-future-2484>

USA: 90% of BNP, 86% of Jobs are produced on 3% of land

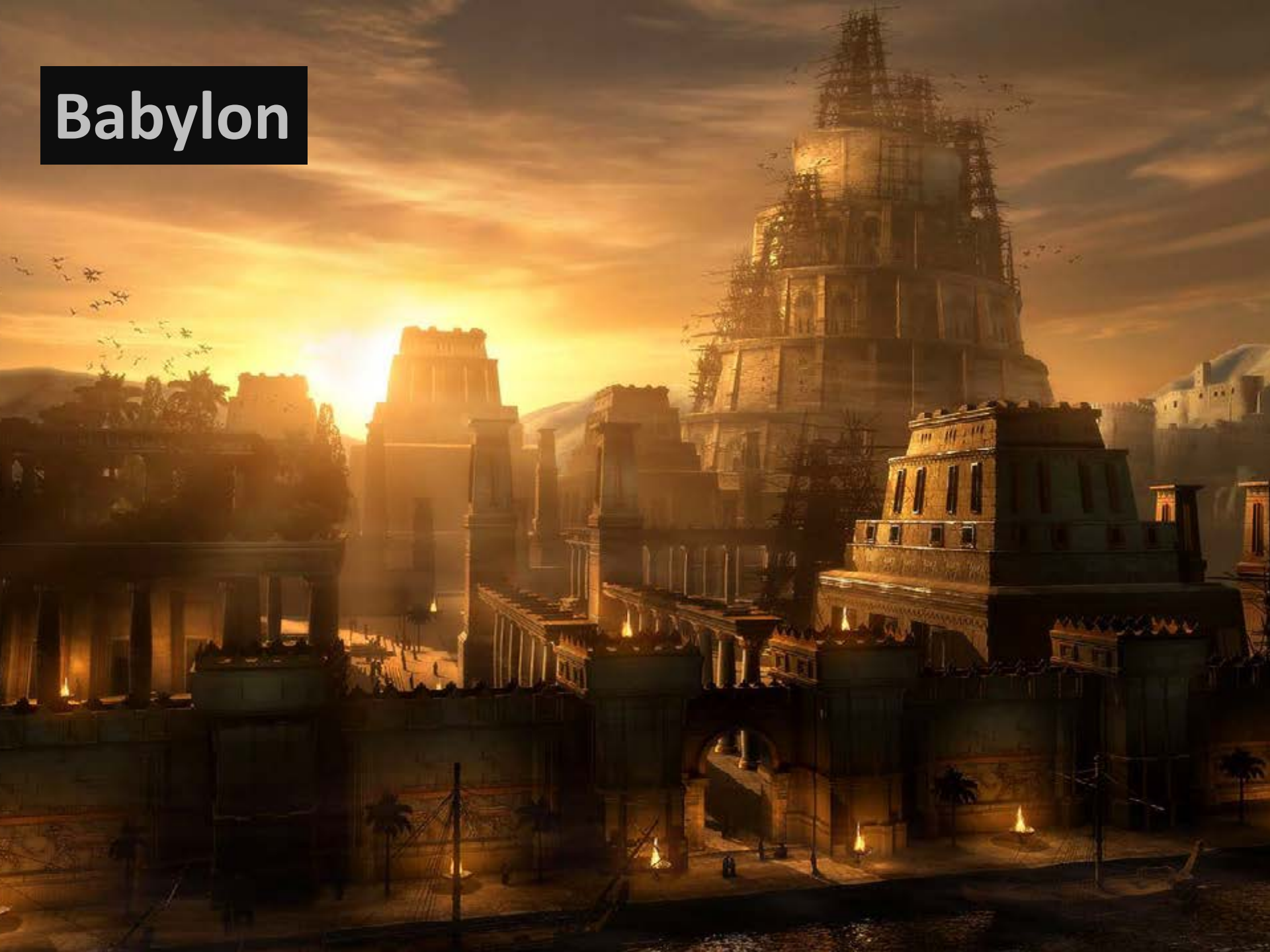
<http://hereandnow.wbur.org/2013/11/20/cities-solve-problems>

Cities

require us to redefine

Imagination & Reality

Babylon





templo de
Poseidon

ilha central

primeiro anel de terra

segundo
anel de terra

ponte

canal aquático
externo

porto

9 Km

Atlantis



Metropolis

(IN THE
STILL OF
THE NIGHT)

SMASHED TO PIECES
(IN THE STILL OF THE NIGHT)



An aerial night photograph of a city, likely Dubai, showing a dense cluster of skyscrapers and a complex highway interchange. The buildings are brightly lit, with some featuring prominent signage like 'WINSEN' and 'Canva'. The roads are filled with light trails from moving vehicles, creating a sense of constant motion. A semi-transparent dark rectangle is overlaid on the lower right portion of the image, containing the text 'Still of the night?'.

Still of the night?

2. Claims

CLAIMS

“Urban areas contribute disproportionately to national productivity. However, the structural productivity of cities will at least in part *rest upon an efficient supply of serviced land and reliable infrastructure, including transport, power, water and sanitation as well as information & communication technologies.*

UN Habitat Report State of the World's Cities 2012/2013, p. xiv
<http://www.unhabitat.org/pmss/listItemDetails.aspx?publicationID=3387>

CLAIMS

1. Smart Cities are characterized by informed decisions based on facts by government representatives and private parties (Citizens, Economy, NGOs)
2. Information Technology enabling the free-flow of Data & Information will contribute to the smartness of a City
3. Traditional understanding of city-planning will have to evolve to meet the challenges of an interconnected world

The traditional planning approach

Wait – Plan – Build – Hope



THE GREAT EAST RIVER SUSPENSION BRIDGE.
CONNECTING THE CITIES OF NEW YORK AND BROOKLYN.

The Bridge crosses the river by a single span of 1580 ft., suspended by four cables 16½ inches in diameter. The approach on the New York side is 2432 ft., the approach on the Brooklyn side is 1901 ft. Total length 5312 ft. From high water to roadway, 120 ft. from roadway to top 137 ft. From high water to center of span, 55 ft. Width of bridge, 68 ft. Total height of towers 277 ft.

The new approach

Ask – Integrate – Co-create – Innovate

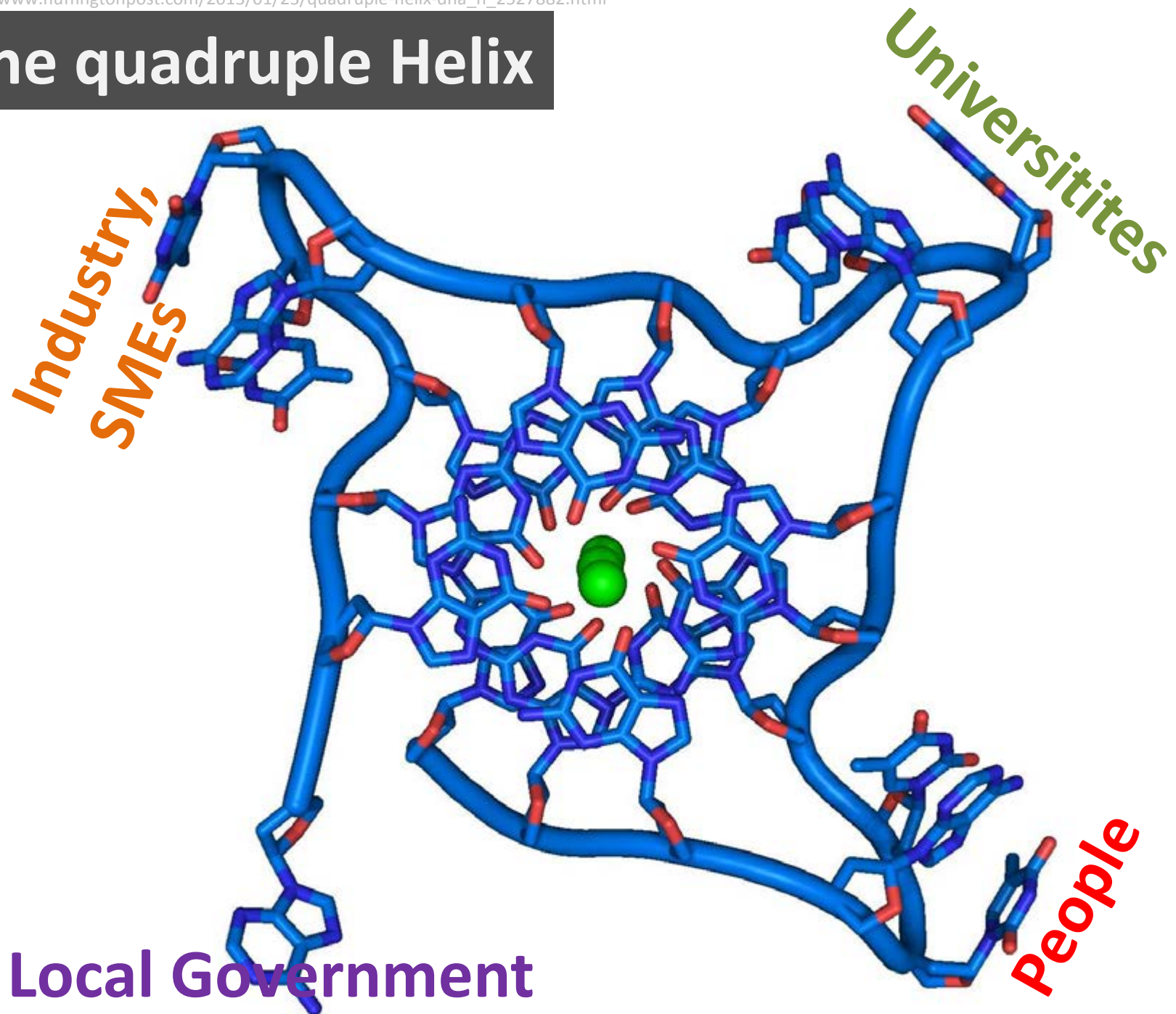
Life in ~~perpetual~~ beta

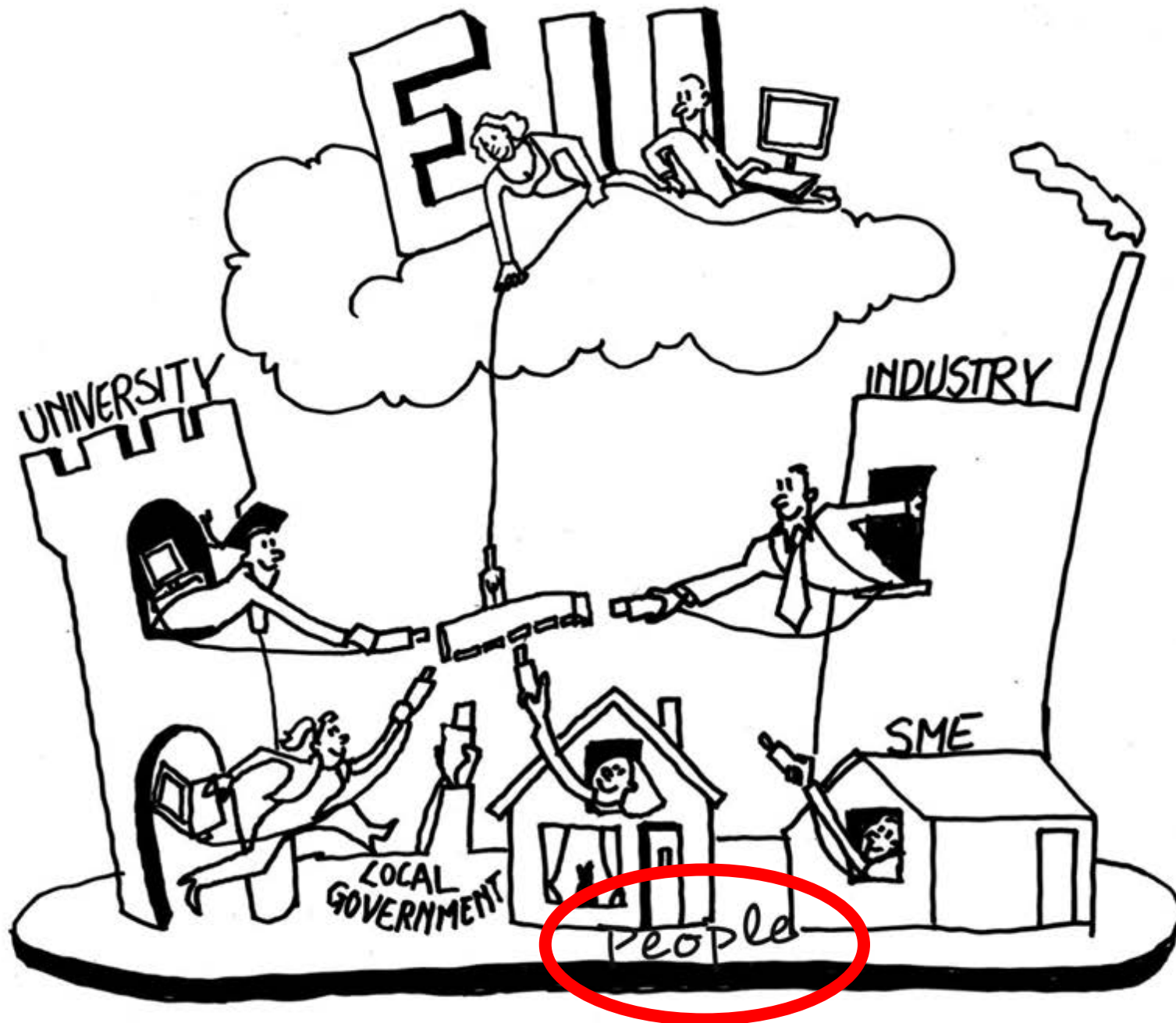
* exploring the evolution of purpose *

My questions?

Is the planned life worth living? Technology is changing so fast and that's changing everything... If business is moving more towards a collaborative creative platform, what am I supposed to be doing? How can I still do what I am passionate about and still make money? What's next?

The quadruple Helix








“Data is the Oil of the 21st Century”

Neelie Kroes, EU Commissioner responsible for the Digital Agenda

(without pollution side effects)

Open Data Portal


Ein Service der Stadt Wien



Anmelden/Registrieren

Für eine offene Stadt
Open Government Wien

Neuigkeiten Open Data Anwendungen **Datenkatalog** Ver...

Für eine offene Stadt > Datenkatalog

Datenkatalog

Katalogsuche

Sie können dieses Feld auch unbef...

Anwendungen

Übersicht (110 Einträge)

- [48er-App](#)
- [A story about Vienna](#)
- [Accessible Vienna](#)
- [ALLiSEARCH.com](#)
- [Ambulanzen in Wien](#)
- [AppFahrt](#)
- [Baby benamsen](#)
- [Behindertenparkplätze](#)
- [Bevölkerungszahlen und -dichte in Wien nach Zählbezirken](#)
- [Budgetvisualisierung](#)
- [Burgen und Schlösser in Wien](#)
- [Citybike Wien](#)
- [crowdranking](#)
- [Datatank und Semantifier](#)
- [Defis in Wien](#)
- [Der Radfahrbegleiter für Wien](#)
- [Drupal Modul – Open Data Vienna](#)
- [Eventphant – Events finden](#)
- [Eversport](#)
- [Fahrschulen Wien](#)
- [Familiengesundheit](#)
- [Findaloo – öffentliche Toiletten finden](#)

Berlin

290
Data sets

16

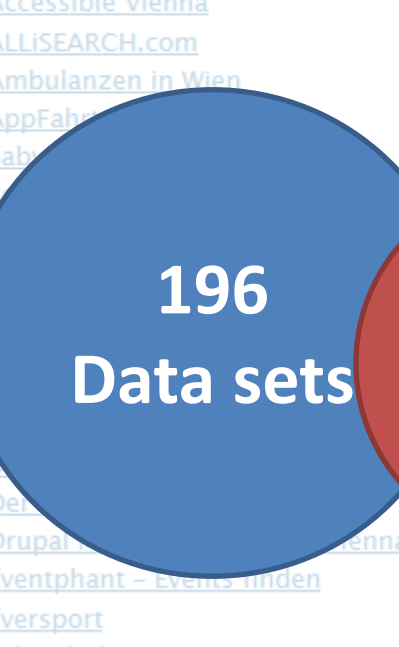
Apps

Vienna

Übersicht (110 Einträge)

196
Data sets

110 Applications

- 
- 196
Data sets
- A