Knowledge Cities:

Global agenda and experiences from Vienna

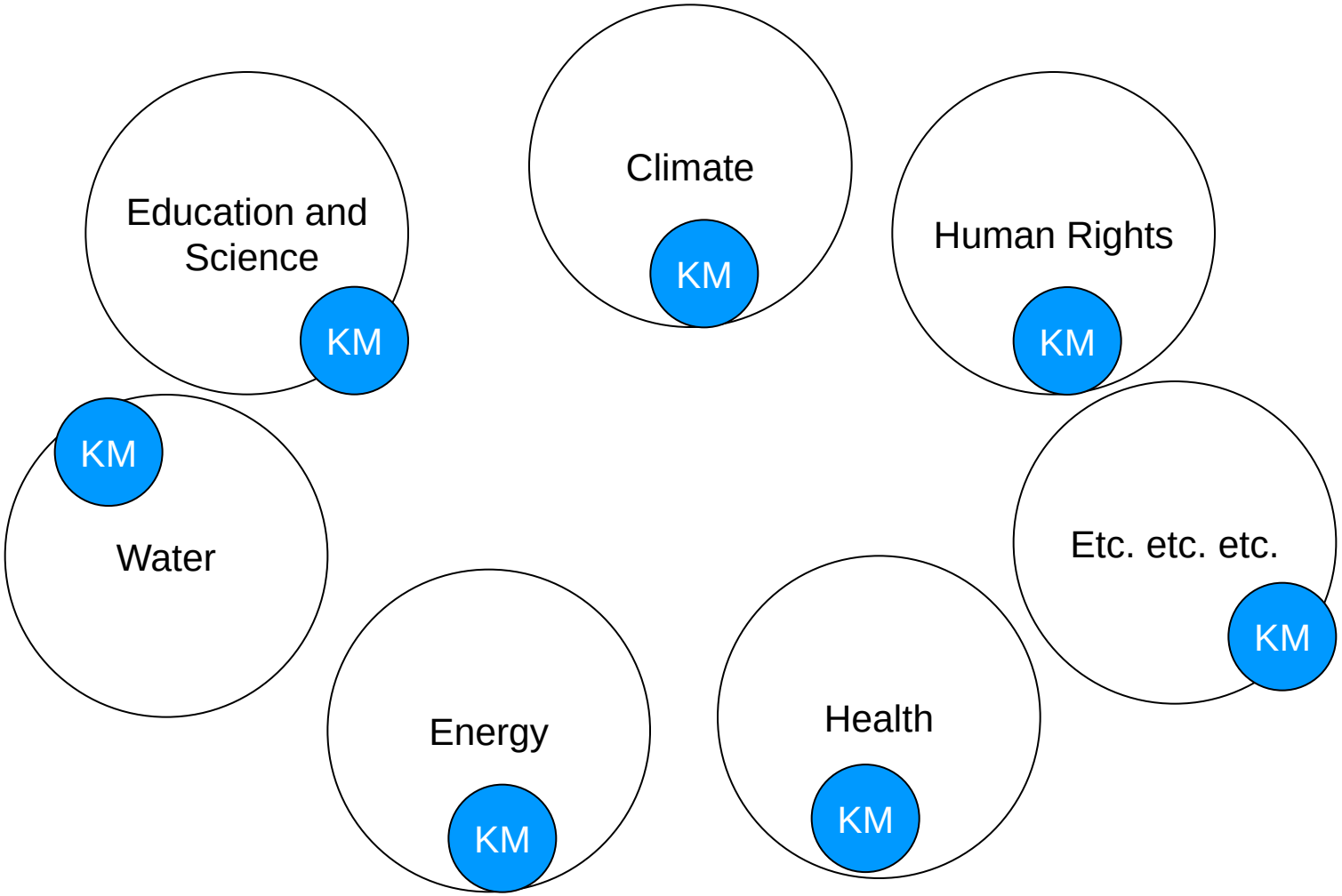
Knowledge for Development Partnership
Eknowledge.city
Knowledge Management Austria

Dr. Andreas Brandner, K4DP/Knowledge.City/KMA

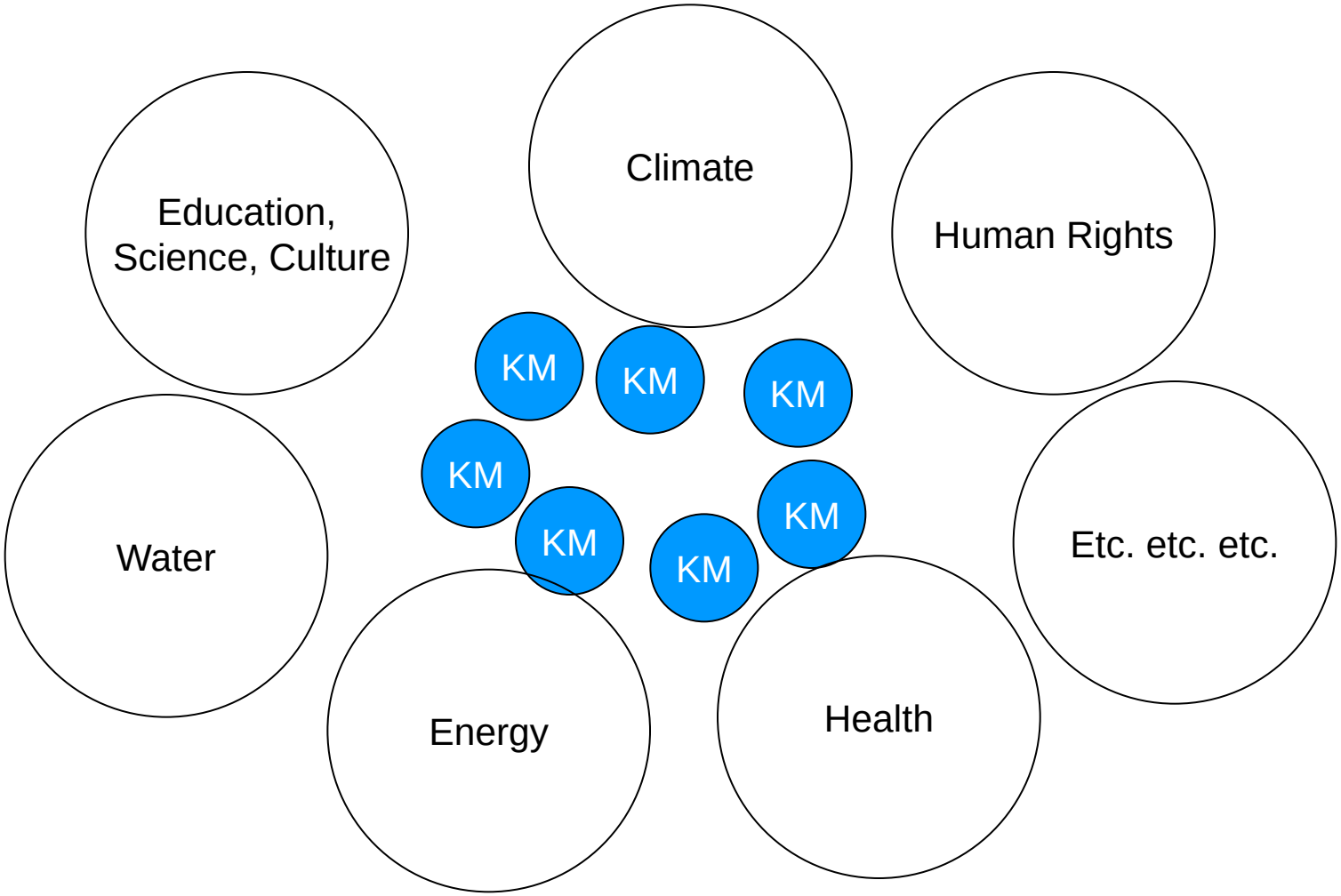
Sofia, 28-29 September 2017
Sofia Knowledge City Conference

Sustainable Development Goals of the United Nations

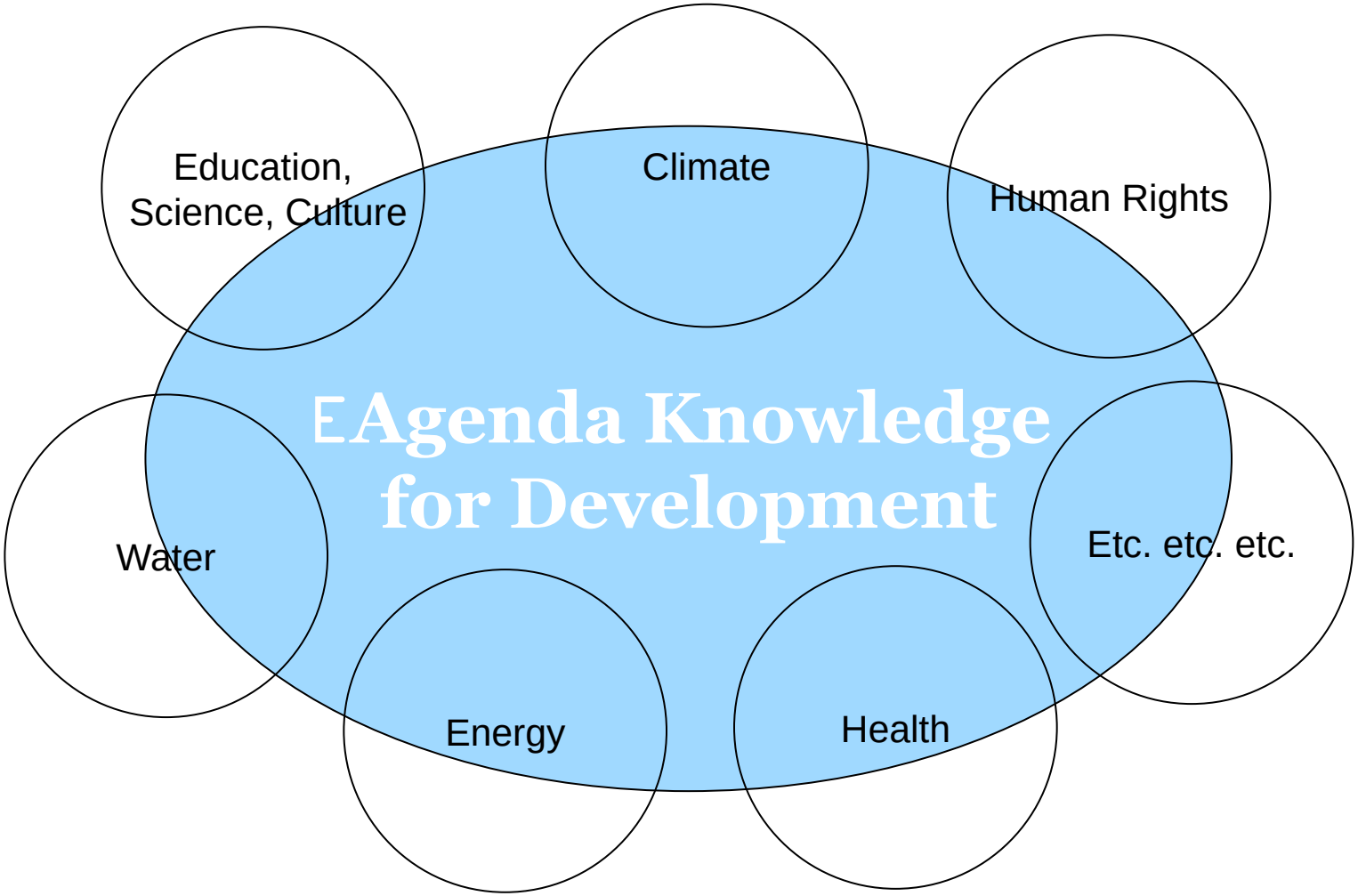
Knowledge is the critical resource in ALL societal issues



In 2015 we started to join forces…



… to create a global Agenda Knowledge for Development!



Knowledge Development Goals

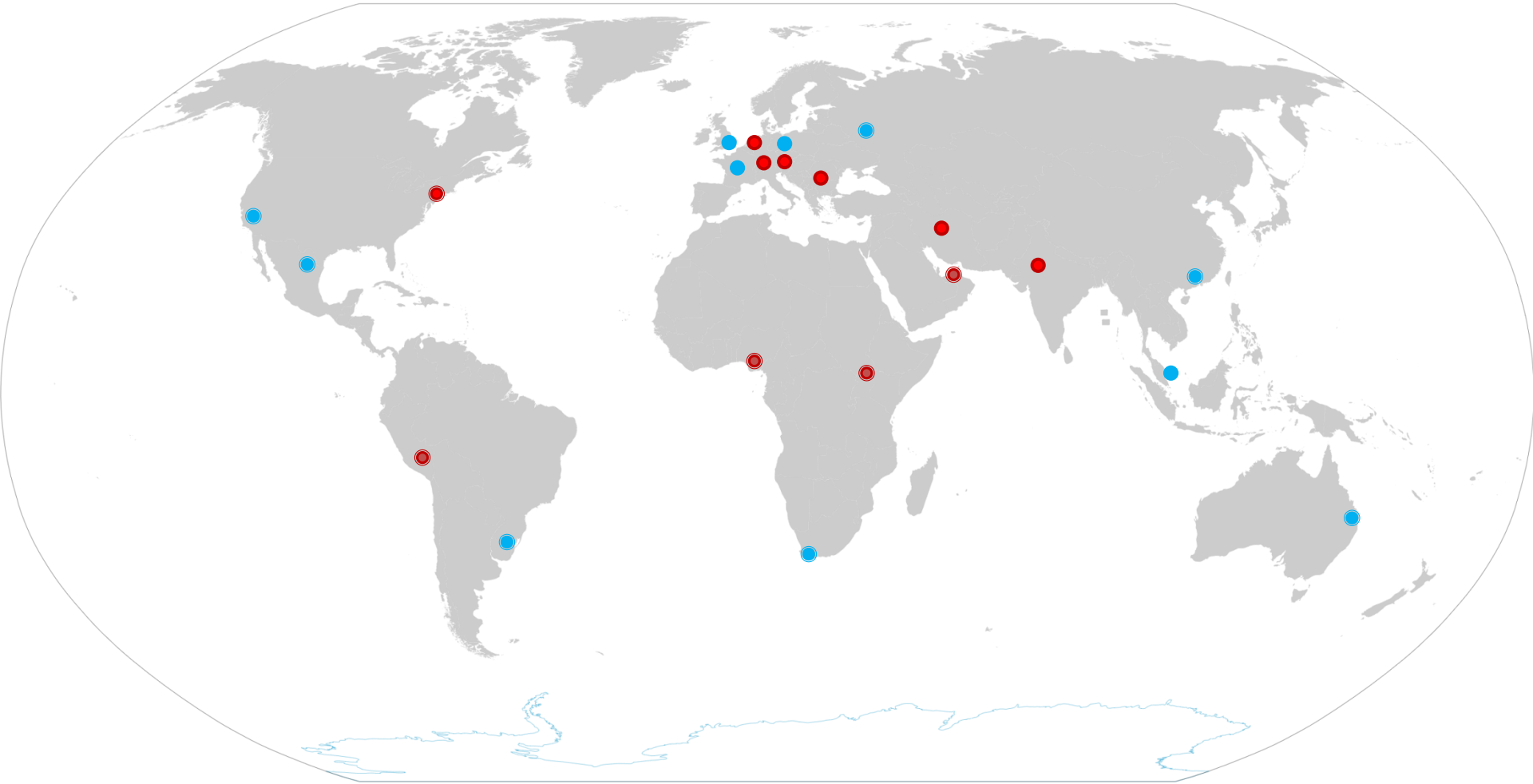
- Goal 1: Pluralistic, diverse and inclusive knowledge societies
- Goal 2: People-focused knowledge societies
- Goal 3: Strengthening local knowledge ecosystems
- Goal 4: Knowledge partnerships
- Goal 5: Knowledge cities and rural-urban linkages
- Goal 6: Advanced knowledge strategies in development organisations
- Goal 7: Capture, preservation and democratisation of knowledge

Knowledge Development Goals

- Goal 8: Fair and dynamic knowledge markets
- Goal 9: Safety, security, sustainability
- Goal 10: Legal knowledge
- Goal 11: Improved knowledge competences and knowledge work
- Goal 12: Institutions of higher education to play an active role
- Goal 13: Information and communication technologies (ICTs) for all

EK4DP and local organisations

to be established in the next years



What is a **Knowledge City?**

- A K-City **creates its economic and societal future** on the basis of knowledge leadership, competence and innovation. Knowledge services make a significant share of the economy and are marketed internationally.
- A K-City follows a **strategic and integrated approach** to developing, sharing, innovating, capturing and leveraging on knowledge with governance structures and a wide portfolio of infrastructures and instruments to implement the strategy.
- A K-City is **inspiring the citizens**, who understand that knowledge is the key resource in the future, and provides trust, confidence and support to make the best use of the future knowledge developments.
- A K-City **attracts the best brains** around the world to come, share and co-create. International relations, diversity and intercultural competence are key assets.
- A K-City cares for **inclusiveness and equal opportunities** for all to develop their individual and organisational potential.

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Activities

Global Knowledge Partnership

Advocacy K4Dev

Knowledge Cities

Knowledge Art Space

KM Training

KM in thematic fields

KM Advisory Consulting

Knowledge Research

Events KM Award

EVienna Knowledge City

World Capital Institute

MAKCi
Most Admired Knowledge City
AWARDS
2015

Teleos

THE WORLD CAPITAL INSTITUTE
and TELEOS

hereby testify that

the City of Vienna

has been awarded the First Place
in the Knowledge City-Region Category
as a result of
the 2015 Most Admired Knowledge City Study
conducted with the participation
of an International Panel of Experts

Francisco Javier Carrillo
President, The World Capital Institute

Rory Chase
Managing Director, Teleos
& MAKE Awards Chairman

Blanca García
WCI Awards Program Director
& MAKCi Chairman

Initiated and successfully
nominated by
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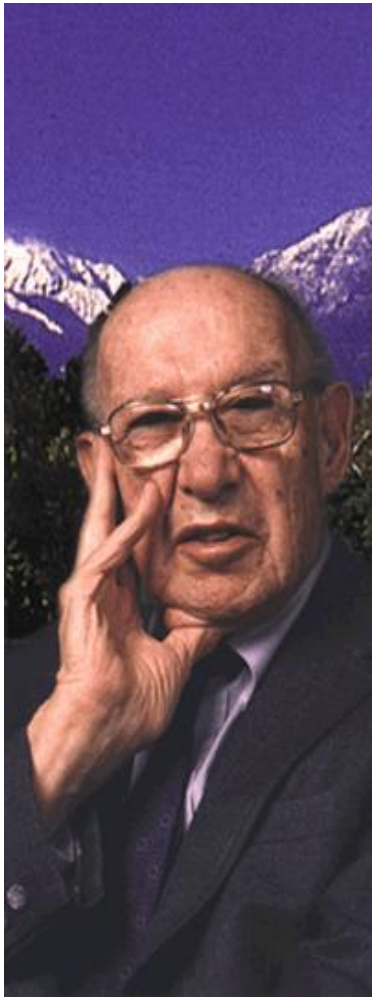
Pioneers
of the Knowledge Society

- Peter Drucker, Management and Economy
- Paul Feyerabend, Philosophy
- Sigmund Freud, Psychology
- Carl von Rokitansky, Physics, Pathology
- Friedrick von Hayek, Economy
- Eric Kandel, Neuropsychiatrist
- Konrad Lorenz, Biology and Philosophy
- Fritz Machlup, Economy
- Ludwig von Mieses, Economy and Business
- Otto Neurath, Economy and Philosophy
- Karl Popper, Philosophy
- Josef Schumpeter, Economy and Business
- Paul Watzlawik, Communication, Psychology
- Ludwig Wittgenstein, Philosophy
- And many, many others

"The basic economic resource - the means of production - is no longer capital, nor natural resources, nor labour. It is and will be knowledge."

Peter Drucker: Post-Capitalist Society. New York, 1993



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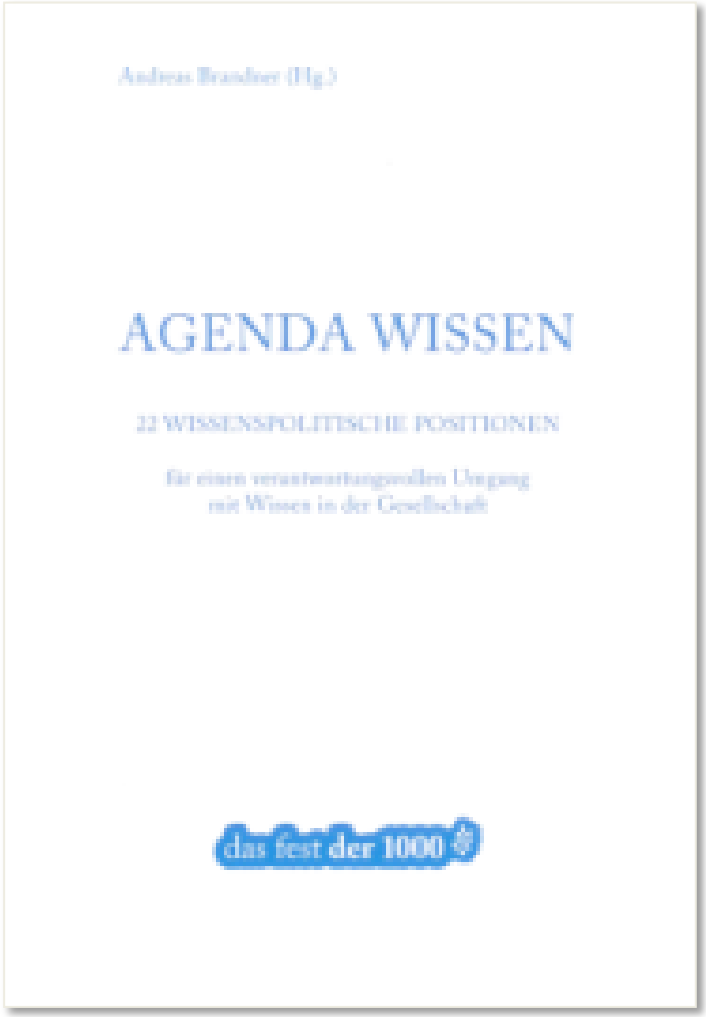
Identity and Strategy



„ Vienna Knowledge City“ – a new vision for Vienna

In 2015, the City of Vienna published a concept to further develop and advance the Knowledge City. The concept presents a big bundle of institutions of the Knowledge City, its assets, achievements, and planned activities for the future. „Knowledge City“ is at the heart of the urban development plan.

Image Source: Stadt Wien, “Wissensstadt Wien”, Perspektiven *1 (2015), Print.*

„Vienna Knowledge City“ – a new vision for Vienna

Dr. Michael Häupl, City Mayor:

„Our economy turns more and more into a knowledge-based economy. Therefore topics like education, science, research, technology and innovation play an increasing role. Therefore it is important for me, that Vienna´s way towards a Knowledge City is irreversible.“

Source: Stadt Wien, “Wissensstadt Wien”, Perspektiven *1 (2015), p. 7, translated from German to English by KM-A.*

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The Knowledge Partnership

an institution for the Knowledge City, founded in 2009

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Knowledge Management in Vienna

First Conference on Knowledge Management in 1998

Knowledge Management Academy founded in 2001: Education and training for more than 1000 companies, NGOs, public administration and international organisations.

First International Conference on Knowledge Politics in 2009.

Vienna municipality: Knowledge Management Strategy since 2014.
Vienna Holding: KM Strategy since 2013

Federal Administration of Austria: KM Strategy since 2013.

International Diplomacy

Vienna is the only city in the European Union which, for more than 30 years, has hosted one of the four headquarters of the United Nations at the Vienna International Centre (VIC). The VIC has become one of the landmarks of the city. The many international organisations based here, including the UN, IAEA, UNIDO, CTBTO, OPEC, OSCE and many others, have opened their gates to the nations of the world and to their knowledge.

Next to the VIC a highly innovative knowledge-driven district is developing and is attracting international diplomacy, science, industry and culture. The picture shows the link between the international community (VIC, right) and the knowledge industries (Vienna Tech Gate) in the centre.

Dialogue and Coffee

linking knowledge with pleasure

- Historically located at the crossroads of cultures and nations, Vienna has developed a long tradition of dialogue. On a civilian level you have casual chats in the famous Viennese coffeehouses. On the professional level you have the dialogue of science, politics, culture and business in conferences and congresses.

- Vienna is one of the most prominent international destinations for conferences hosting more than 2.000 (!) national und international conferences every year, ranking third after Paris and Madrid. (*www.vienna.convention.at/About-Vienna.aspx*)

- The annual Conference of Cardiology hosts more than 25.000 participants with more than 2.000 presentations and lectures.

Knowledge Industries

- Consulting and IT: fastest growing and largest industry in Vienna by number of companies
- IT-Cluster Centrope leading in central europe
- Number of researching companies: 300% growth from 1998 to 2011

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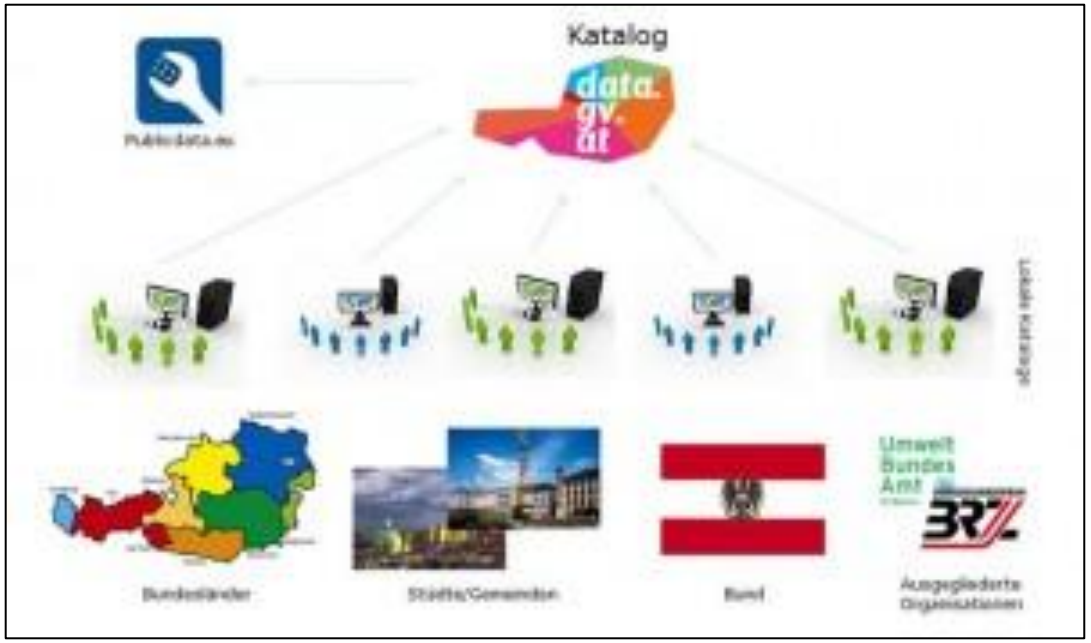
Vienna Knowledge Space

Danube Knowledge Region

E-Government and Open data:
United Nations Public Service Award 2014



- Open Government Data Austria, an initiative launched by the Prime Ministry and the Cities of Vienna, Linz, Graz and Salzburg, won the **United Nations Public Service Award 2014** in the category „Improving the Delivery of Public Services“.
- The Public Services Award was initiated in 2003 to recognise outstanding innovations and achievements in delivering public services. It is the most recognized international award for the public sector.

Image Source: Smart City Wien (12 June 2014), “Open Government Data Österreich gewinnt United Nations Public Service Award 2014”, Web.

DIGITAL ROADMAP AUSTRIA

Austrian Digital Roadmap 2015-2020

- our guiding principles and path to a digital future
- scenarios 2025
  - 5G
  - Internet of Things (IoT)
  - Big Data
  - Artificial Intelli
  - Open knowle
  - Augmented an
  - 3D printing
  - Smart materials (4D
  - smart grids/intelligen
  - blockchain
- existing strategies and furt

digitalroadmap.at
100 experts
50 workshops
plus eParticipation
(6.000 comments)
updated every year!

1. Ever uld be able to take part in
   d l education should begin as
   a child should leave school

ssential to both citizens
be guaranteed.

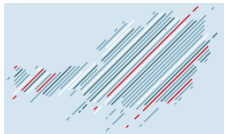
orld's leading digital
sinesses for their
te a modern legal

rch should be helped to
igital opportunities (innovation

will play an active role in shaping the European Digital Single Market (high data protection standards).

6. The public sector is a driving force for innovation. Citizens and businesses have the right to convenient, easy and accessible electronic communication with public administration

https://www.digitalroadmap.gv.at/en/



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EVienna Knowledge Week

16-20 October 2017

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