Towards a Metropolitan Vision for Europe 2050: Gamechangers for green, just, productive Regions

Examples from Stuttgart Region / Germany

Thomas Kiwitt, Director Planning
Stuttgart Region: Typical Metropolitan

» Many people (2.8 M) – growing population – Expats
» Strong economy (GDP bigger than several EU-countries)
» Complex administrative order (179 municipalities)
» Center for culture, research and education
» Gateway infrastructure
» High quality of open spaces
Changes and Challenges: Better together

» **Climate** protection - adaptation to climate change
   Safe and healthy conditions, energy supply

» **Ongoing transformation** of manufacturing and automobile industry
   Maintain jobs, revenue and know-how, Competitiveness on global level

» **Demographic** changes - Health care, work force

» **Affordable Housing**

» **Sustainable Mobility**

» **Open spaces** for agriculture, biodiversity, recreation…

» **Goals can not be achieved with isolated approaches**
   Cities are not island – but need to cooperate
   Metropolitan areas appropriate level to tackle challenges

» **Metropolitan scale projects necessary** - 5 examples:
#1: Maintain power: Hydrogen Strategy

» Hydrogen Strategy for Stuttgart Region

» Regional funding scheme 20 M € for triggering new fuel industry

» Various projects: Producing green hydrogen, distribution, pilot action for use

» ERDF pilot region for green hydrogen:
  Hydrogen pipeline along the Neckar river – backbone for distribution

» Supply for industrial companies

» Support for introduction of new engines (Cars, heavy transport, rail)
# 2: Better accessibility and mobility: TEN and Digital transit node

- **Closing the gap** of the ‘Main Line for Europe’ rail connection Paris - Budapest
- Construction of a new underground train station and massive **railway network upgrade**
- Reducing **travel times** for long-distance and regional transport
  Improve accessibility / increase catchment area
- Extant metro-railway infrastructure with **smart technology**
  More capacity by equipping entire S-Bahn rolling stock
  215 trains with digital train control system ETCS/ATO
# 3: Improve quality: Stuttgart 21 urban development

- Ca. 85 ha
- Sustainable, climate-sensitive quarter
- Mixed-use
- 7,500 units +
  Spacing for social and green infrastructure
- Close to city center and (new) main station
- Almost 100% public property
# 4: Support Growing: Blue and green infrastructure

- Open spaces as core element for **safe and healthy** living

- Essential for **competitive metropolitan areas** – proofed by **pandemic**

- Planning / design support and **funding scheme**
  for development of open spaces, recreation areas and habitats

- In line with **adaptation strategy**
  – flood protection; reducing urban heat islands

- Maintaining overall ecological quality despite urban development
Celebrate 100 years of Bauhaus – Modernism

Creative 10-year process of ‘preventive structural change’

Solutions for sustainable living in the future

Topics: ‘new modernist’ building culture, integrated districts, future of city centres, urban-rural nexus

Buildings and more: Crossover qualities
Mobility, sustainability, solidarity and participation

New European Bauhaus

IBA 2027, Chamber of Architects and University Stuttgart in cooperation with European partners apply for lighthouse demonstrator of the “New European Bauhaus” Initiative
Make plans come true

www.region-stuttgart.org