

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

## Examples from Stuttgart Region / Germany



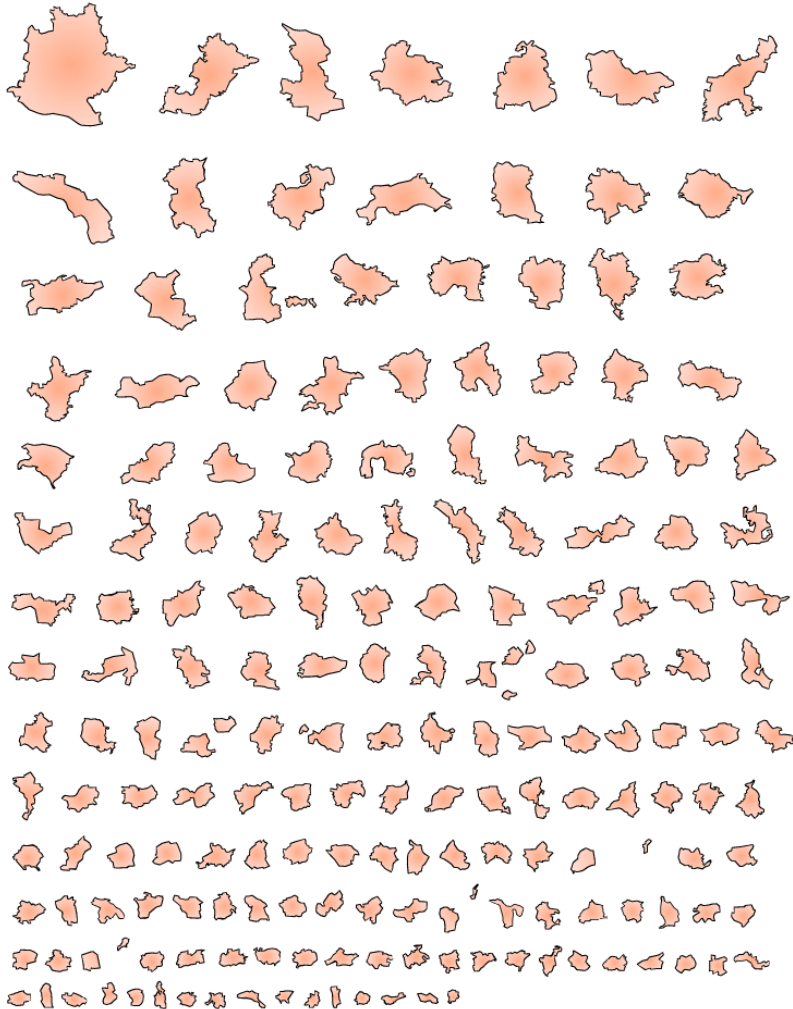
# Stuttgart Region: Typical Metropolitan



- » 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:**

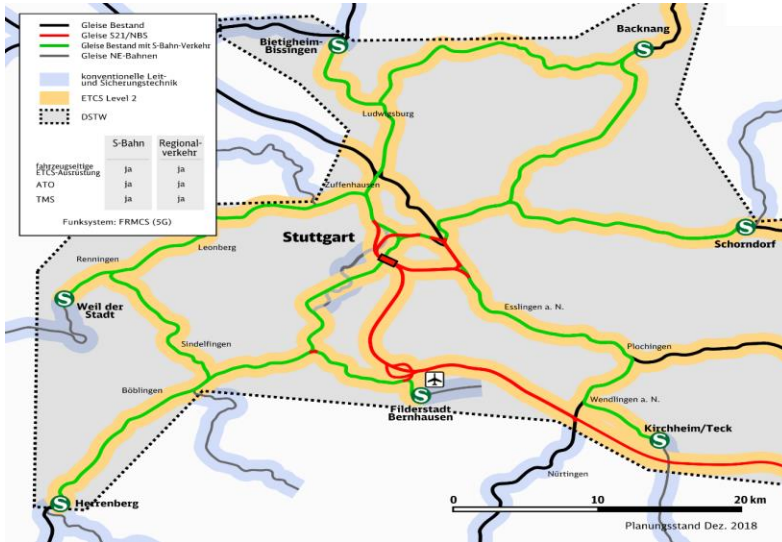


# #1: Maintain power: Hydrogen Strategy



- » **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



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- » Ca. 85 ha
- » Sustainable, climate-sensitive quarter
- » Mixed-use
- » 7.500 units +  
Spaces for social and green infrastructure
- » Close to city center and (new) main station
- » Almost 100% public property

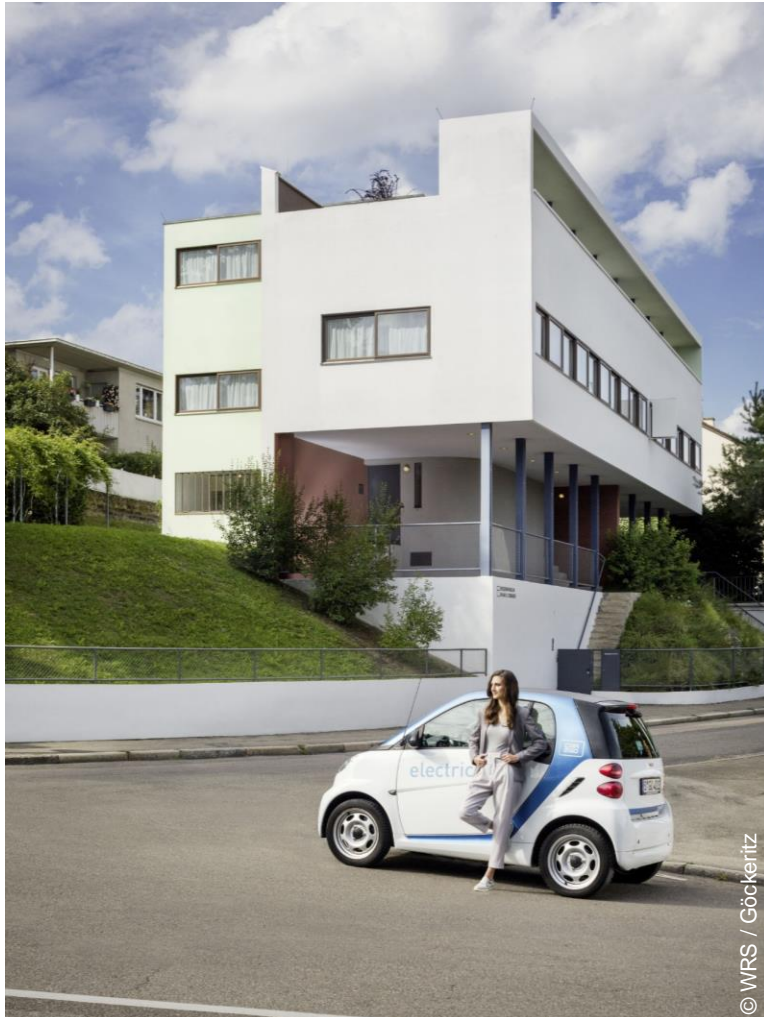
# # 4: Support Growing: Blue and green infrastructure



- » 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



# # 5: Build better: IBA 2027 CityRegion Stuttgart



- » 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](http://www.region-stuttgart.org)**