

ADAPTCITY

Liveable, safe and competitive places



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Urban areas: The global powerhouses

80%

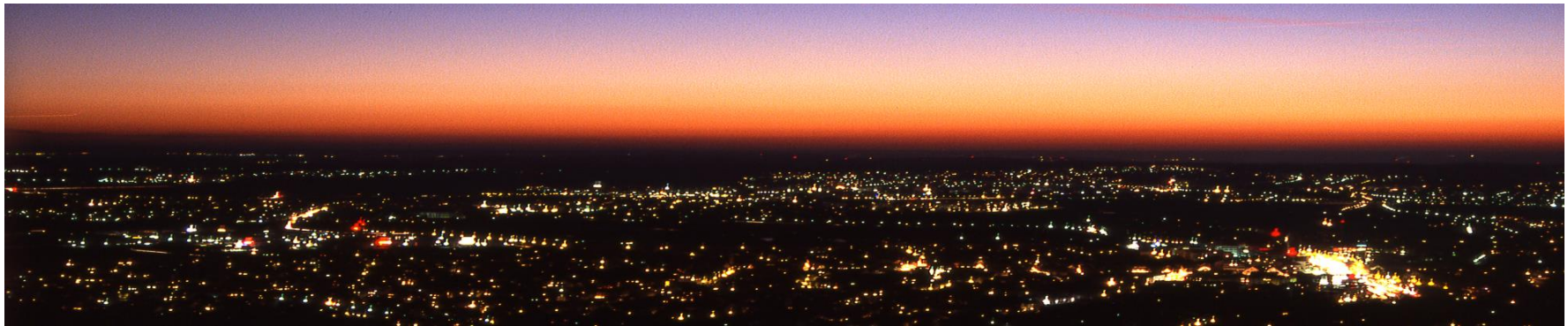
Global economic
output

54%

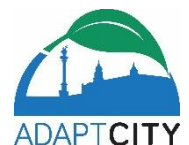
World's
population

0,5%

Earth's
surface



- » Essential contribution to GDP, tax revenue
- but also innovation, R&D, culture...
- » Most people live in urban areas
- in Poland (60,5 %) and Germany (75,5 %) above average
- » However: urban areas are small – compared to a global scale



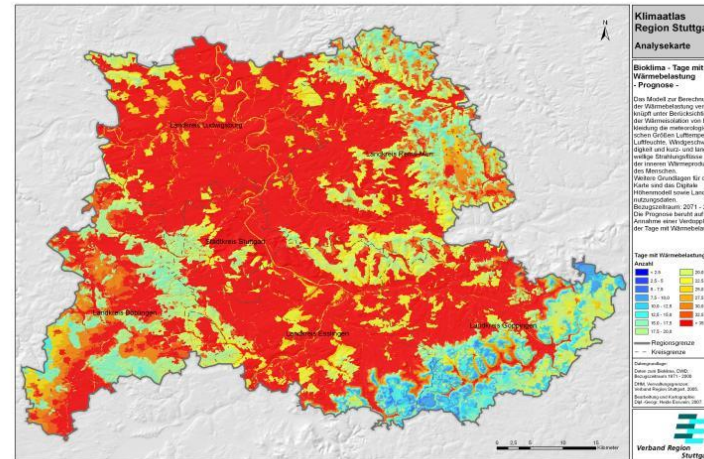
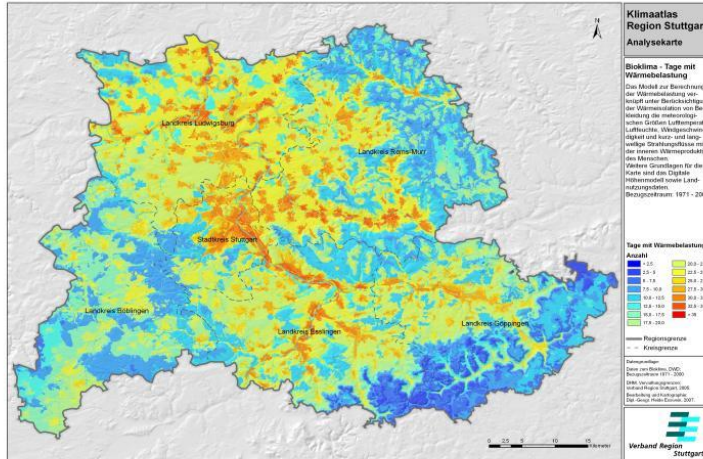
Building cities for the future: Today!



- » Many different function – close together:
Residential, industry, infrastructure...
- » Growing population:
More people expected
- » Booming and changing economy:
Internet of things, Industry 4.0, E-Mobility ...
- » Whatever is build to meet these demands:
It will last for decades – and has to fit future conditions

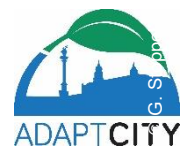


What to expect: Possible future hazards



- » Increasing heat stress, more heavy rain and flooding...
- » Health issues in residential areas, kindergardens...
- » Operability of production facilities, powerstations
- » Availability of Infrastructure
- » ...

Impressive examples in 2018:
Drought, forest fires, broken highways...

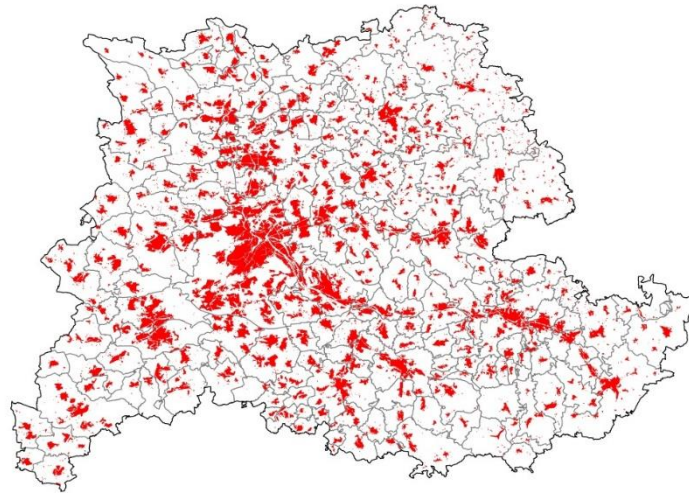


How to prepare: Climate-proof development



- » Cool, aerated residential areas
 - to prevent urban heat islands
- » Stormwater retention and flood protection
 - safe residential areas, reliable infrastructure, functioning production
- » Sites for future development
 - sustainable and competitive

Climate issues have no borders: Cooperation and coordination above local level



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- » Flood protection, air flow etc. have to be guaranteed
- regardless from local boundaries
- » Supra-municipal coordination important
- » Stuttgart Regions approach makes use of all instruments available:
 - Mandatory guidelines for local land use plans
 - Provision of database and support for municipalities
 - Research activities and pilot projects
- » Thanks to our Polish partners for this interesting opportunity

