#### ECONOMICS OF PLANNING AND PROPERTY RIGHTS

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#### <u>Content</u>

- The need for planning controls
- Incomplete arguments for planning control (example: "30ha goal")
- What can planning control achieve?
- Implications of planning controls for land values

#### **Instruments**

- Land use planning safeguards, e.g., development freeze, pre-emption law
- Control of land use for designated purposes
- Compensation of landowners
- Land re-allocation adjustment of plot boundaries
- Expropriation (also called "taking") of land designated for public purposes
- Development of local public infrastructure: landowners may be charged with up to 90% of the infrastructure costs
- Special urban planning provisions, e.g., urban redevelopment
- Real estate assessment and appraisal

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What can planning control achieve?

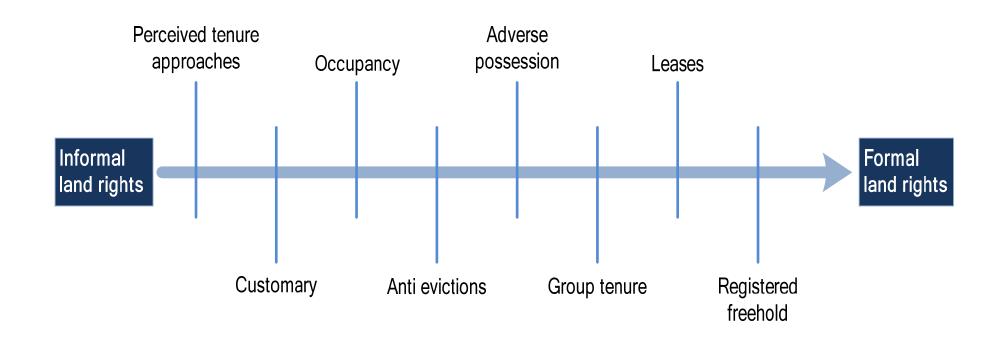
- Improved knowledge
- Control of undesirable external effects (noise, smoke, congestion) by planning or zoning
- Provision of public and collective goods
- Improving the mobility of resources
- Redistribution of income

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  - Regulation about coordination of agricultural interests and needs and building activities aiming at protecting valuable arable agricultural land
  - Decentralization and delegation to local level should be guided by formulation of and providing with appropriate, affordable and implementable land use regulations and minimum standards for land and housing development
  - Implementation of "pro-active" land development tools in urban and rural areas which encourage cooperation between the public and private sectors through e.g. joint ventures and infrastructure-led strategies

- Adoption of planning strategies, regulations and standards which consider the administrative, political and economical framework and capability of (local/district) governments
- Recognition of self-help housing and understanding of other issues characterizing low-income areas including squatter settlements
- Promotion of "protective" land use on "hot spots" including methods which aim at limiting land speculation and provide access to land for all income groups.

## Continuum of land rights

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Source: UN-Habitat, Global Land Tool Network (GLTN), 2008

### Continuum of land rights



Source: W. Christaller "The system of central places" (1933)

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#### The Urban Hierarchy and Central Place Theory

- Can anything be said about the distribution of cities, towns and villages?
  The concept of "Central Places" seeks to answer this question. The term
  "central place" is an unhappy translation of the German word which means
  "town" as well as "place".
- Central places are recognized in regional plans ("metropolitan regions")
- Assumption: featureless plain over which population and resources are uniformly distributed
- Factors: (i) economies of large-scale operation, (ii) the existence of transport costs which effectively sets upper limits to the extent of a producer's profitable market.

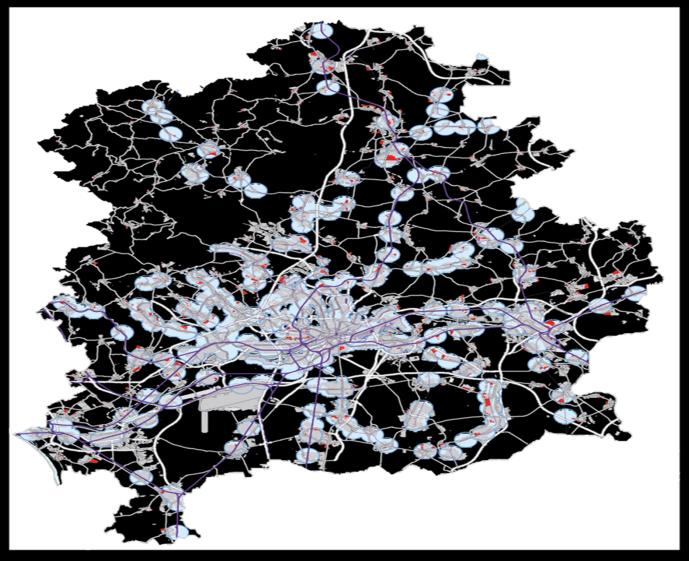
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#### The Urban Hierarchy and Central Place Theory

- The different levels of the urban hierarchy form a series of hexagonal figures. Christaller believed that he could discern these hexagons'in and for the distribution of towns and cities in Southern Germany.
- Useful element: Urban hierarchy, with small towns serving small catchment areas and large(r) cities offering a wider range of services for larger areas.
- Distribution of higher-order cities and their catchment areas is far from uniform.
- Planning guidelines for transport and infrastructure axes in regional plans and preparatory land-use plans.

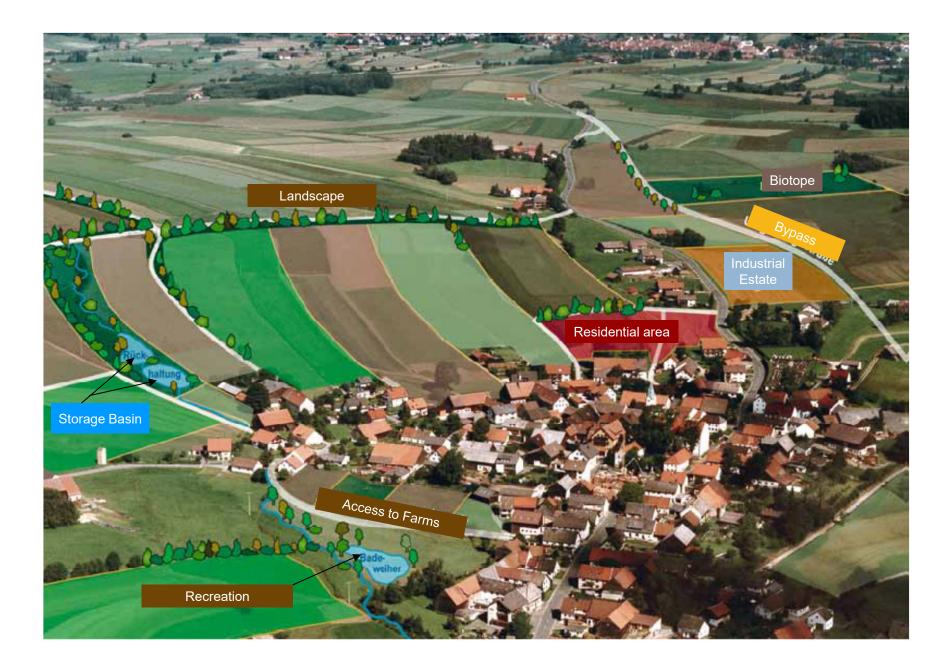
See Harvey/Jowsey, Urban Land Economics, 6<sup>th</sup> edition, chapter 16

#### Regional preparatory land use plan (Frankfurt Metropolitan area)



Blue = Infrastructure

Red= Vacant plots – potential for residential and eventually industrial/logistics use



### "Land take" and its reduction

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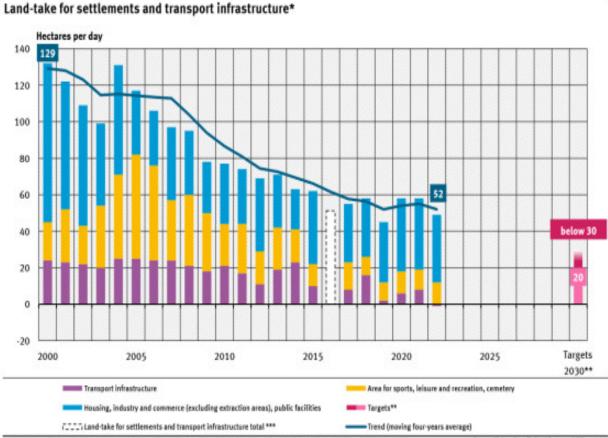
### "Land take" and its reduction

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#### "Land take" (sprawl) and its reduction

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\* Land use survey is based on the evaluation of the states' (Linder) land registry. Data on increase in land-take for settlement and transport influstructure have been distanted from 2004 due to a change over in land registrice (exceding land use types in cost or digitalisation). \* Transport many in minury its entropy and compare formation for any formation state of the influence and formation and the influence and the

\*\* Targets 2030: '30 minus X' hectares per day: German Sustainable Development Strategy, revised 2016; 20 hectares per day: Integrated Environmental Programme 2030 Source: Values from Federal Statistical Office 2024, Increase in setHareant and transport area (moving 4-year average) and increase of sub-types in setHarmant and increase (seadybasis) (in German ordy)

\*\*\* Since 2016, the distinction between "buildings and adjacent open areas" and "operating area excluding extraction areas" has become obsolute due to the writch from the automated property book (ARR) to the automated real estate calculate information system (ALDS). This means that time comparison is camently impaired and the calculation of changes is made more difficult. The settlement and traffic area detarmined after the changes contain largely the same types of use as before. Further information is available at www.hmu. de/WS222041:0228.

# Urban regeneration/Urban decline

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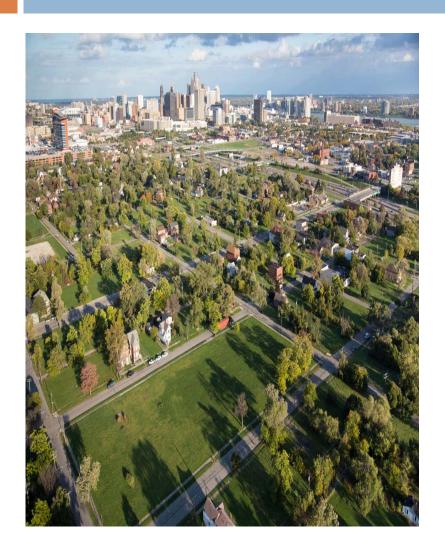


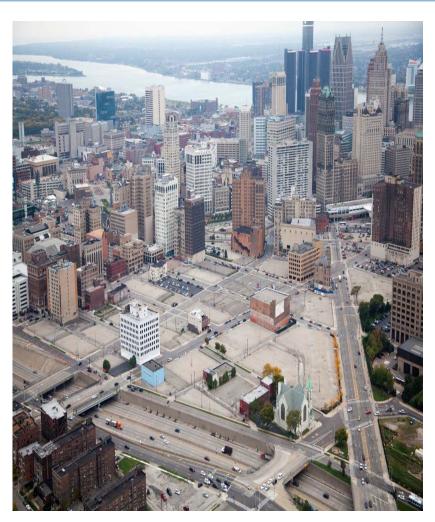
## Urban regeneration — "Property Rights"?

5 Straßen-schäden 354443

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# Urban regeneration — "Edge City"





Aerial Images: Alex S. MacLean



Detroit between "Downzoning" and "land-banking"



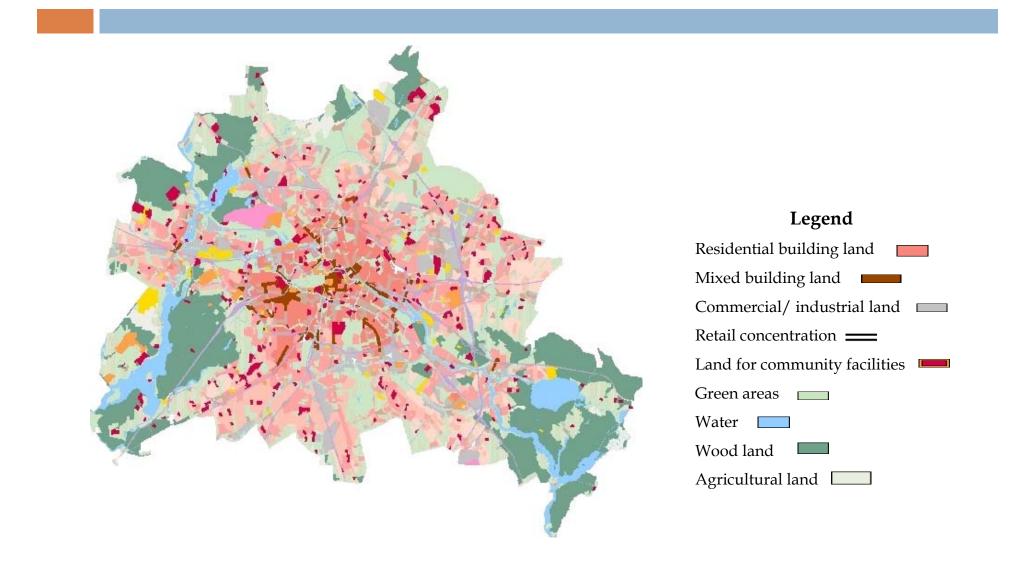


Aerial images: Alex S. MacLean



Packard Factory, 1905, now in ruins (Aerial Image: Alex S. MacLean)

### Preparatory land use plan of Berlin

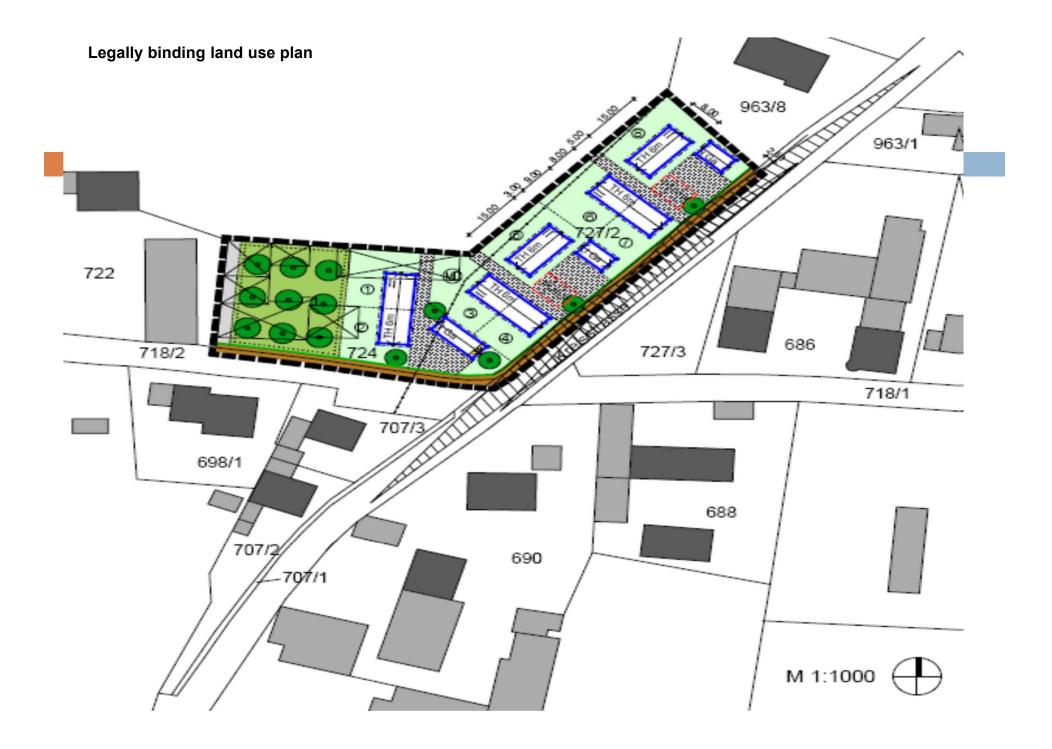


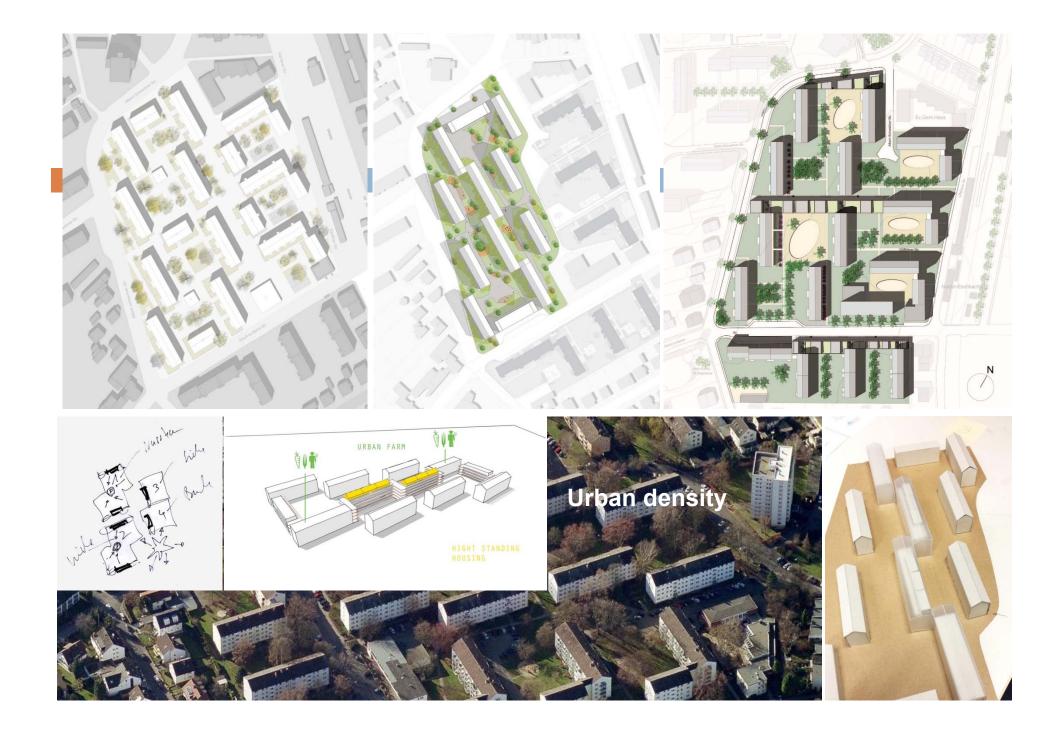
# Preparatory land use plan of Berlin

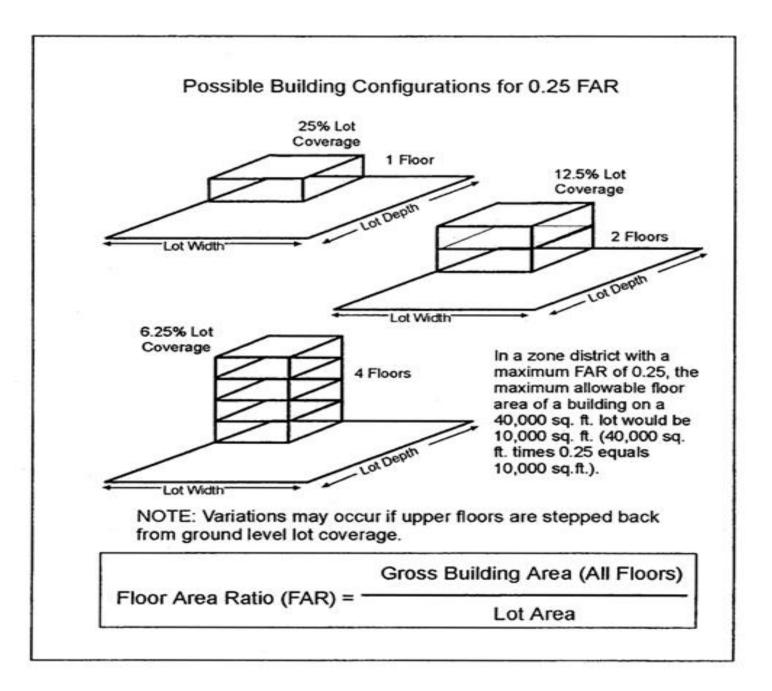


### Legally binding land use plan of Munich

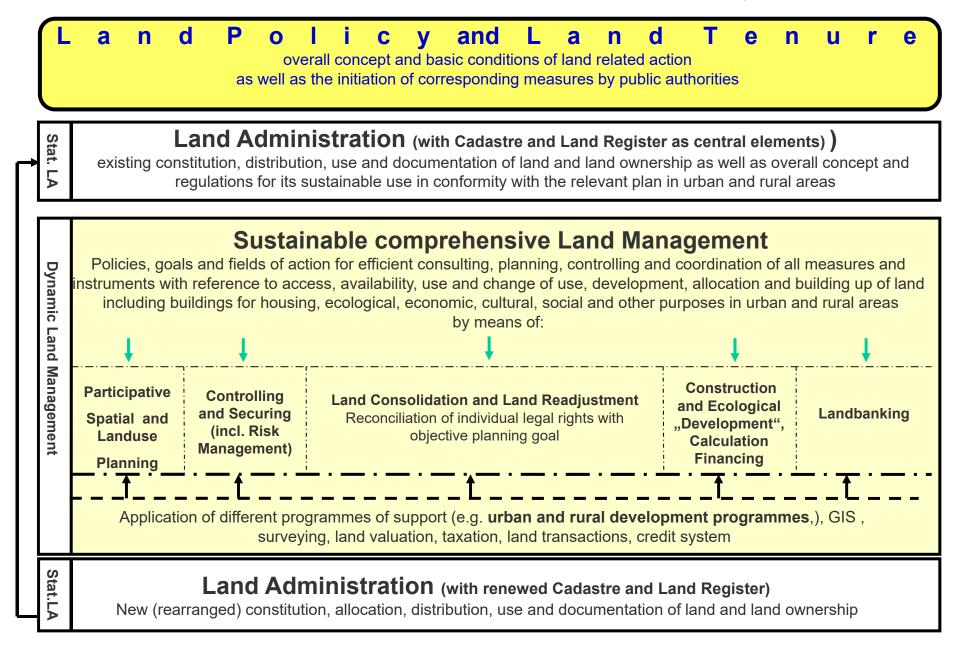


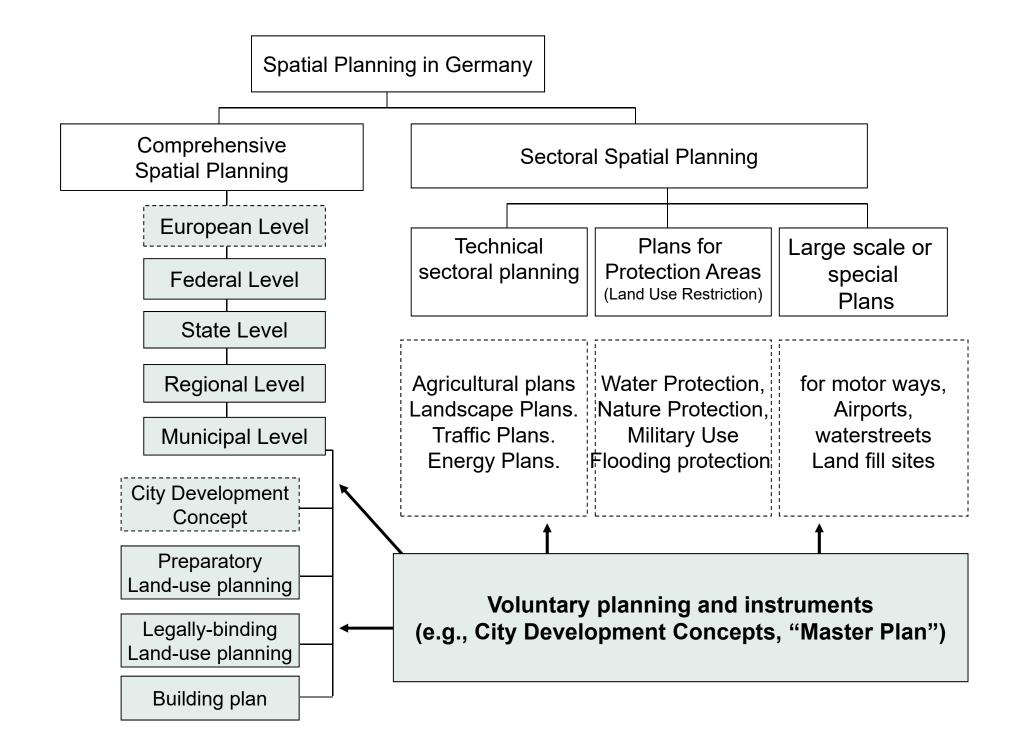




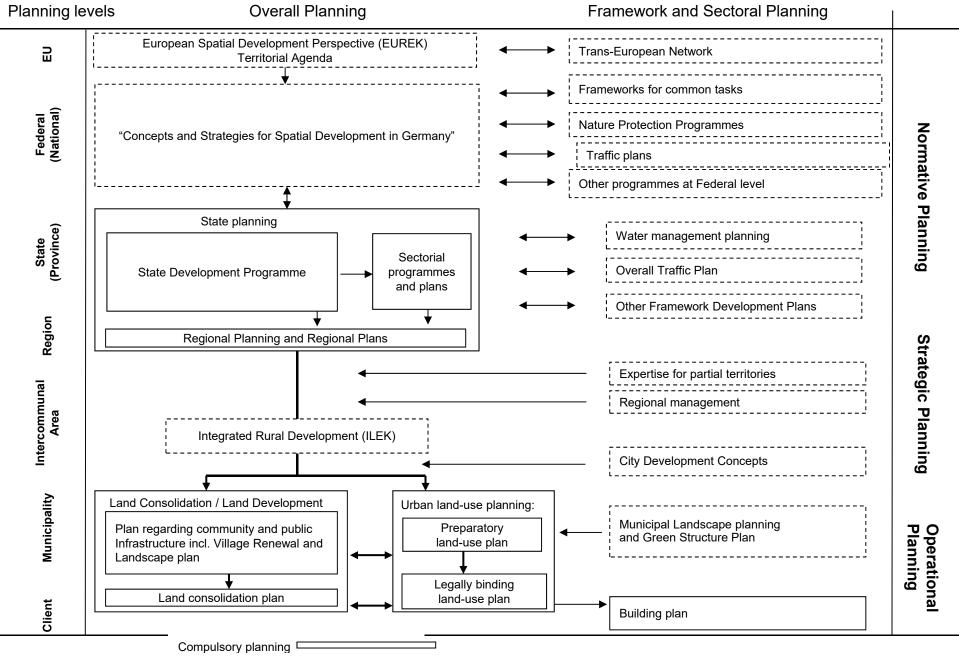


#### Relationship between LP,LT, LA and LM in Germany





#### **Planning Flow**



Voluntary planning

#### Zoning versus planning

#### "100 years of zoning"

- social zoning
- exclusionary zoning

- form-based zoning (see Colin Rowe, Aldo Rossi et al.) in Denver, Milwaukee, Miami

- "zoning for sale"
- "rent-seeking zoning"



New York City's 1916 Zoning Ordinance

"We shape our buildings, and afterwards our buildings shape us" (Winston Churchill)

#### Zoning und Eminent Domain

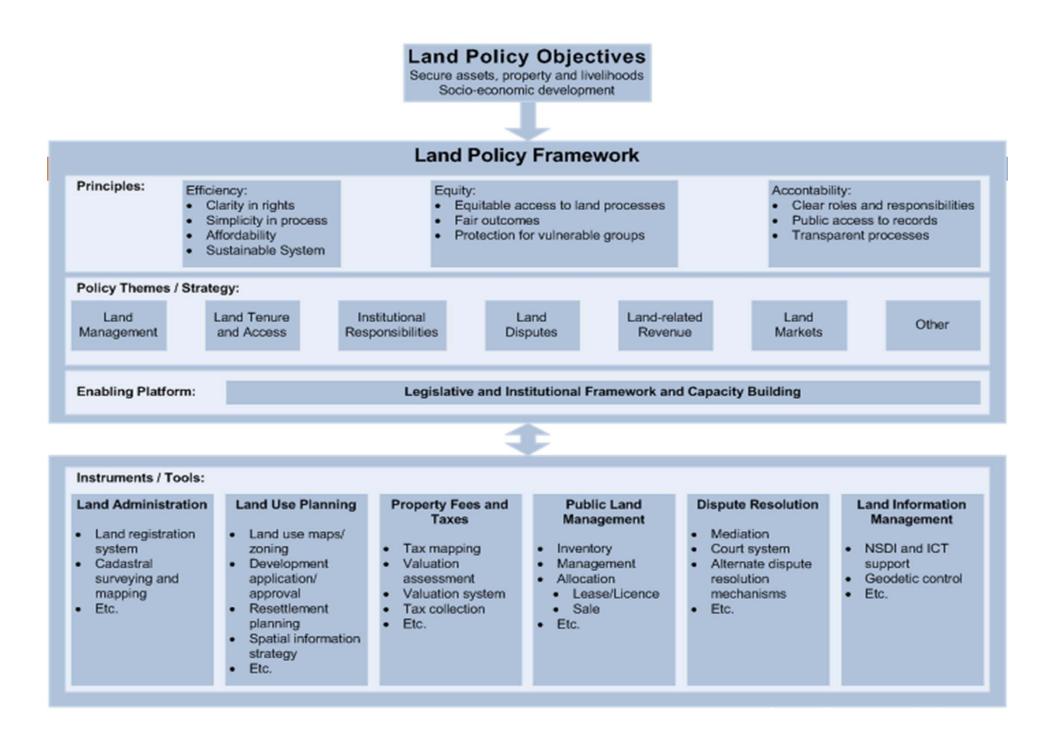
- Village of Euclid, Ohio v. Ambler Realty Company (22.11.1926)

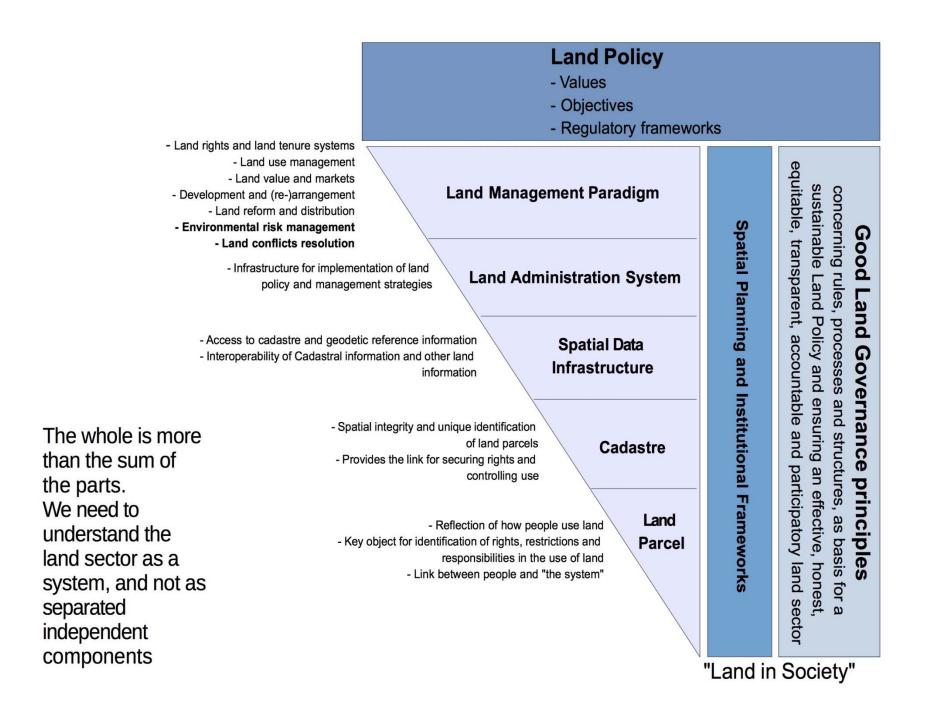
The Court held that the zoning ordinance was not an unreasonable extension of the village's police power and did not have the character of arbitrariness, and thus it was not unconstitutional.

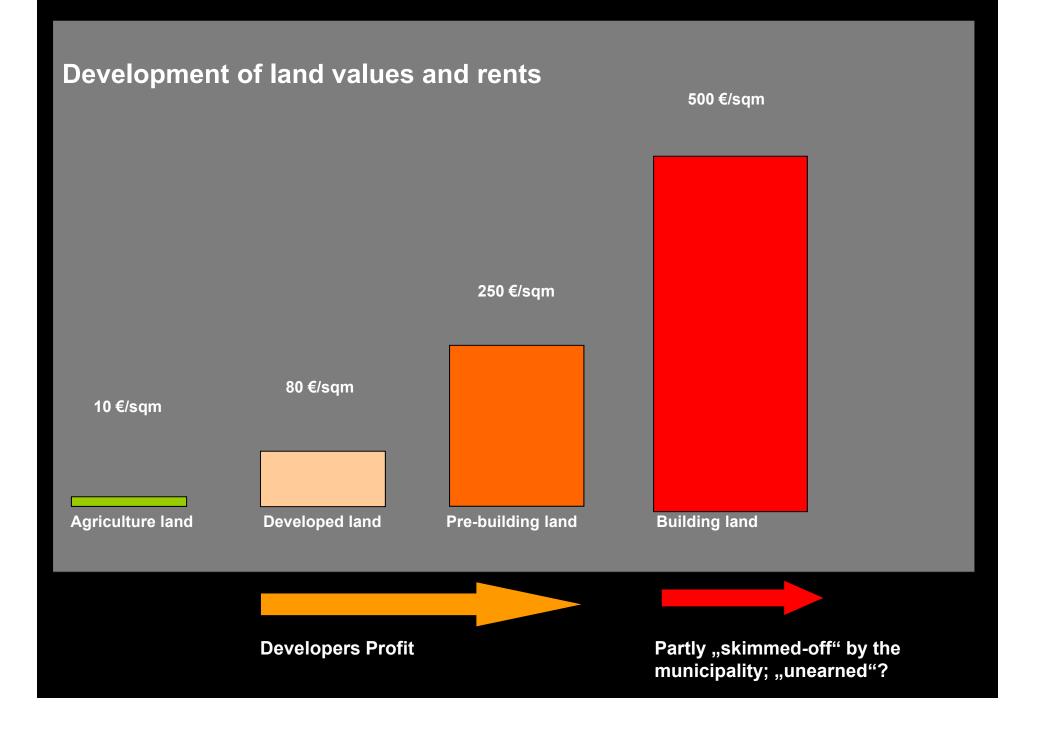


- Suzette Kelo v. City of New London, Connecticut (23.6.2005)

The governmental taking of property from one private owner to give to another in furtherance of economic development constitutes a permissible "public use" under the Fifth Amendment.



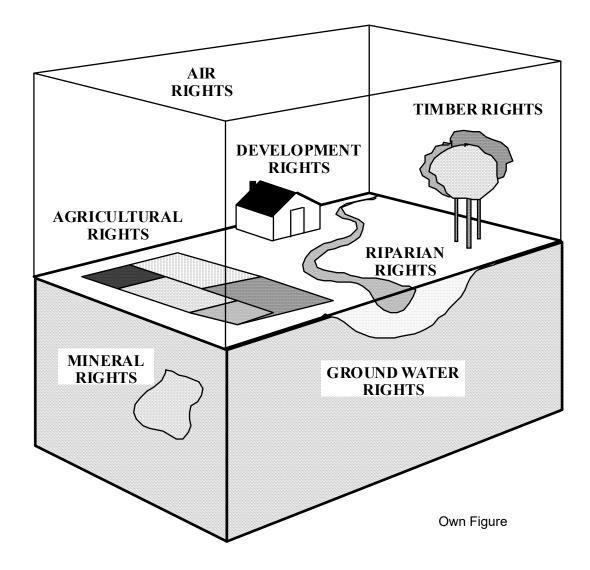


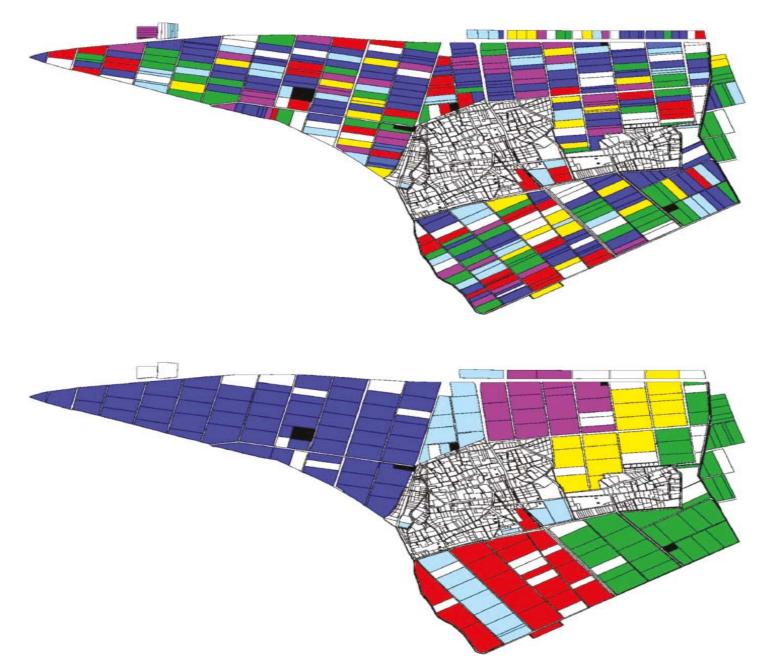


- "LULU" Locally unwanted land use
- "NIMBY" Not in my backyard!
- "NAMBY" Not all in my backyard!
- "NIABY" Not in anybody's backyard!
- "BANANA" Build absolutely nothing anywhere near anyone!
- "NOPE" Not on planet earth!
- "NIMTOO" Not in my terms of office!
- "YIMBY" Yes in my backyard!
- "YIMBY-FAP" Yes in my backyard for a price



#### "Property Rights"





"Land readjustment" (Takahashi et al. 2018)

#### Summary:

- Externalities are costs and benefits which are not provided for in market prices. It may be possible for these externalities to be accounted for by private bargaining.
- In most cases, however, it is necessary for governments t intervene in order to ensure that externalities are accounted so that socially optimal outcomes are achieved.
- The planning system is one way in which government intervenes to try to ensure that the defects of the market are dealt with to achieve a social optimum.

#### Summary:

- Planning control can be used to cope with a variety of problems such as:
- (1) the need to preserve land resources for future generations
- (2) Urban sprawl
- (3) Factories in inappropriate locations
- (4) Monopoly ownership of land resources
- (5) Provision of public and collective goods.

#### Summary/Outlook:

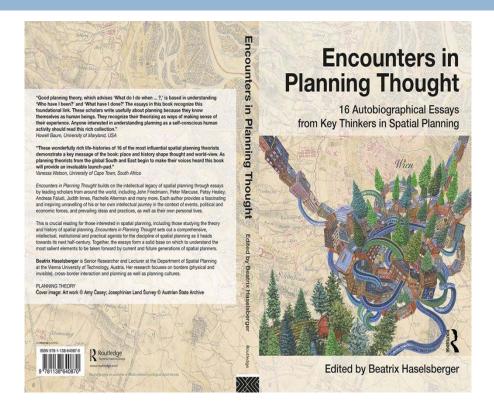
- Reflect the current discussion in Cyprus: streamlining the property title licensing process and improving efficiency in local governance (for Etek members and regional self-government organization staff etc.)
- Abolition of the obligation to obtain town planning permits for "small developments" (what are these?); horizontal and vertical land division
- *"Build to Rent"-*scheme
- Planning modifications: Developers are being granted additional building coefficients of up to 45 %, provided they allocate additional units for affordable rent for at least six years (goal: 800 residential units over the next three years); 25 % to be sold at a price reflecting the average construction cost for affordable housing

#### Review questions:

- What forms of government intervention are available to cope with externalities?
- Discuss the rationality of planning interventions at the example of the "land take" reduction.
- Why are planning controls necessary?
- Explain the difficulties of control by planning.
- Describe the planning procedure (hierarchy).
- What effects does strict(er) land use control have on the land prices of future building land, vacant land plots, and the size of the land plots?

#### Recommended Reading:





"In a world where the majority of humanity lives in cities – the hubs of economies, cultures and political decisions – we have a profession of the future" (Rachelle Alterman)

"Places matter: Creativity, Culture, Planning and the land rent" (Klaus Kunzmann)

"Development projects really matter ("spot zoning"), and granting exceptions to plans was the rule in the U.S" (Andreas Faludi)