Development land markets and development gain – stylized facts from a Nordic country

FIG Working Week 18.6. 2008 Stockholm
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National Land Survey of Finland

Purpose

- This is a presentation of a research project that has just started
- The idea of the study is presented
- stylized facts of reseach data are presented

1. Concept of development land

- 2. The players in development land markets
- 3. Why we need to know more about the value of development land
 - 4. Lot prices follow apartment prices
 - 5. Development land prices follow lot prices
 - 6. A mass database of development land transactions
 - 7. Land markets in local finance
 - 8. The research agenda

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Concept of development land

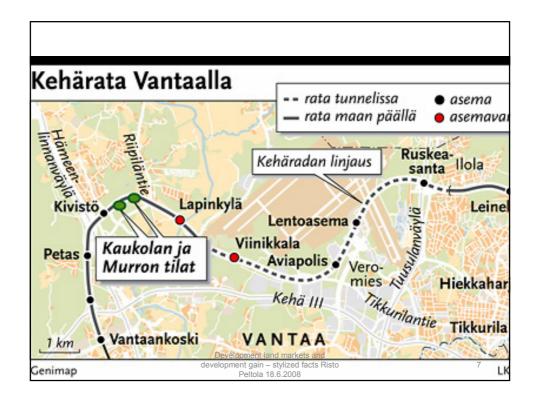
Finnish context: No planning permission is needed Local government has a planning monopoly

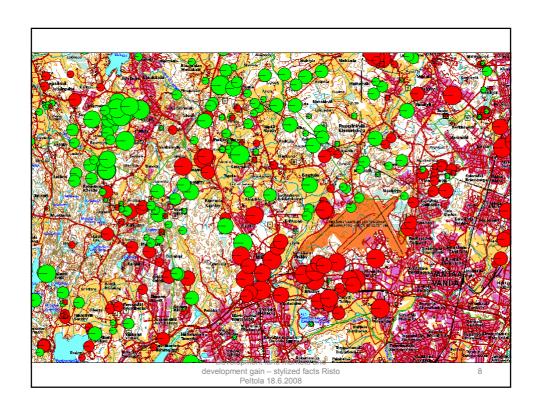
Existence of a master plan specifially indicates development land However, any land with locational advantages is development land

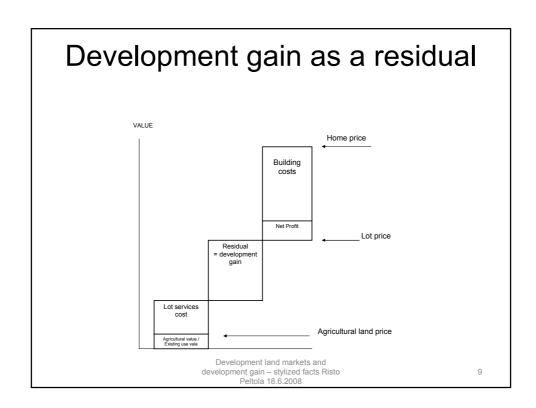
(In Finnish discussion a term "raw land" is used)

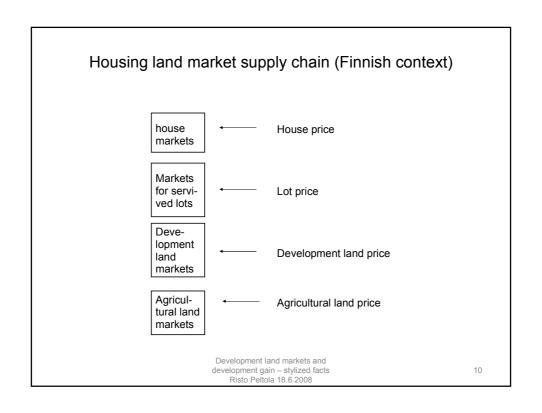
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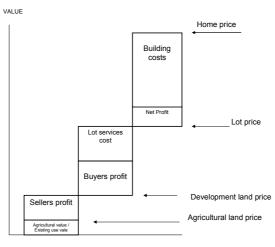








Sharing of the development profit in a development land market



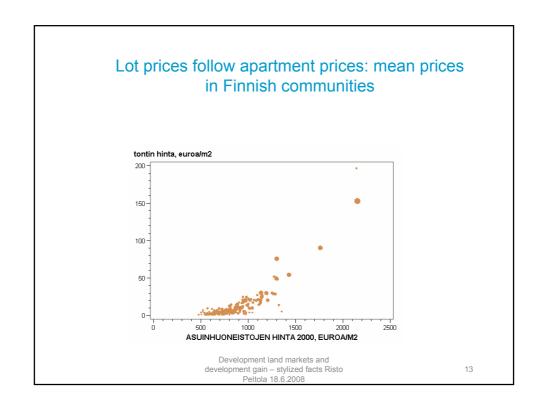
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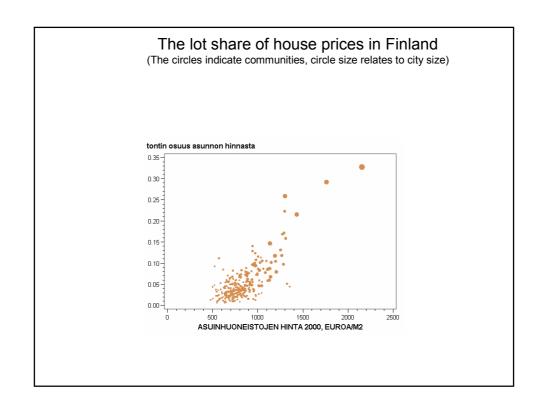
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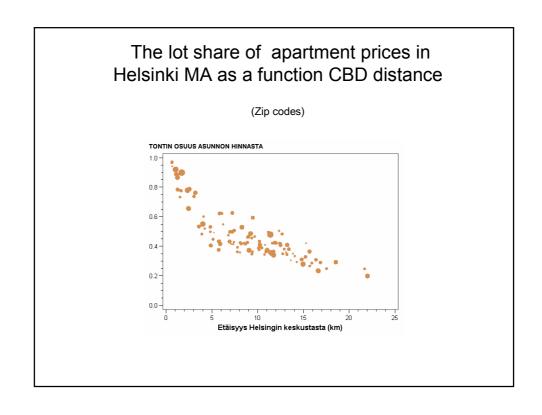
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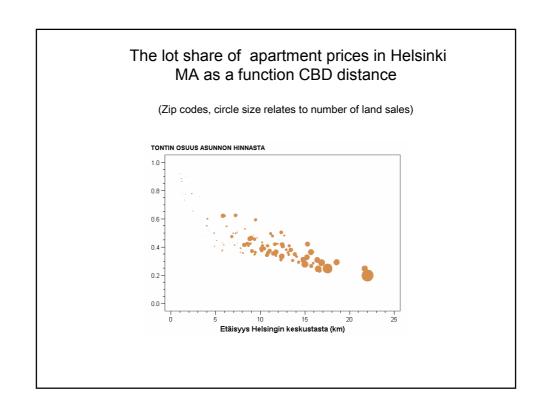
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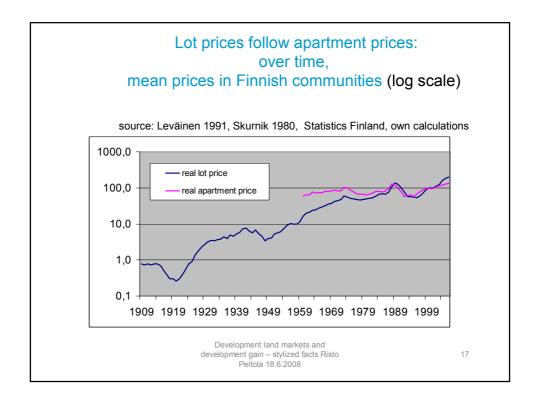
8. Land markets in local finance

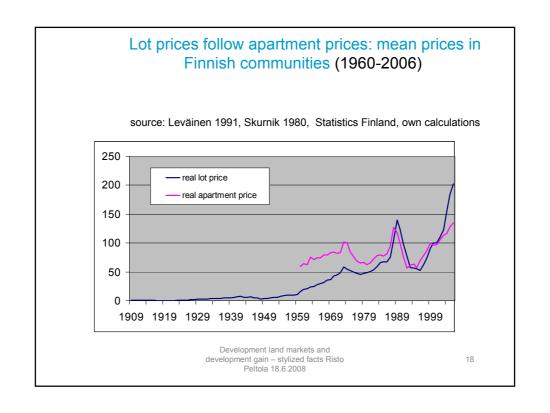


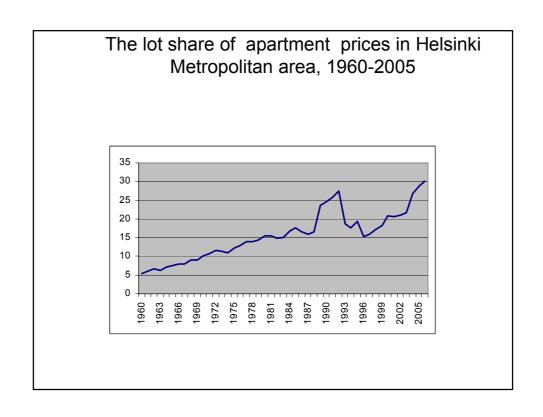


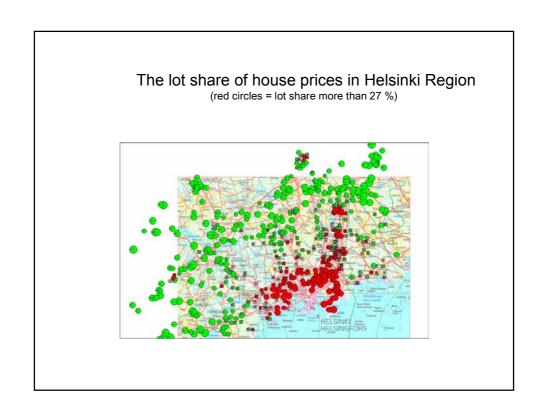












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Development land markets and

8. Land markets in local finance

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Development land markets (Finnish context)

- Traditionally local governments have been dominant players in the development land markets, very often the only buyers
- Historically, there are important exceptions to this rule:
 - building companies buying land in Helsinki MA in phases of rapid urbanization and weak local government, such as in the beginning on 1900-century and in 1960-ies
 - More recently, a legislation was introduced to increase development on privately owned land, with a development charge to be paid

Local governments are the main players in the development land markets

- · Historical reasons, legislation
- Local government finances and builds the infrastructure
- Development land market has been a mechanism for local governments to finance the infrastructure

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about the value of development land

- Valuation
- Local finance
- Supply of housing lots and affordable housing

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Local finance

Development land market has been a mechanism for local governments to finance the infrastructure (if the community is the dominant palyer as a buyer)

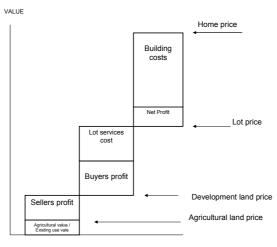
If privately owned land is developed, a development charge has to paid.

The development charge depends on

- 1. Development costs
- 2. Increase on the value of land

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Sharing of the development profit in a development land market



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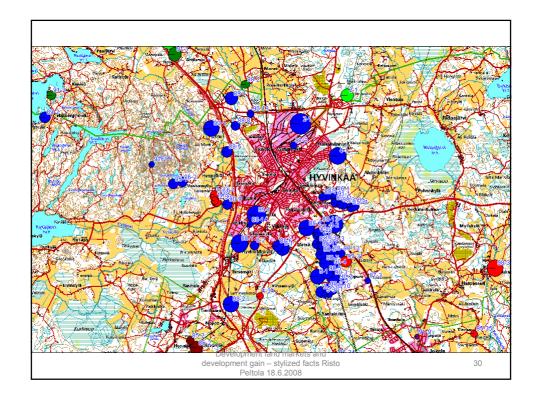
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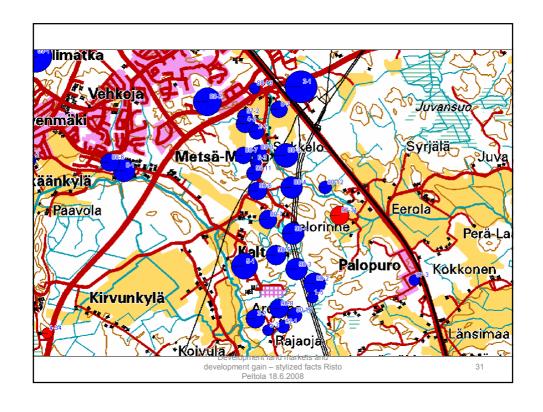
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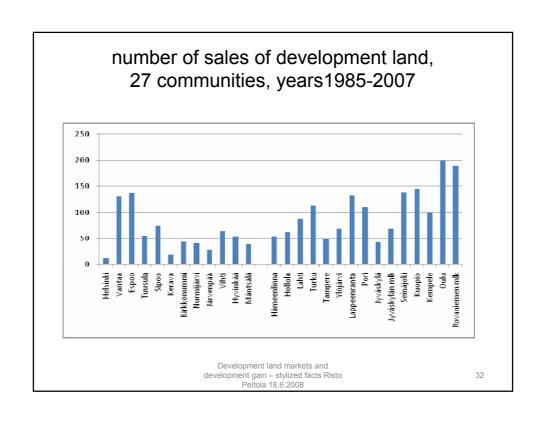
The volume of land bought by Finnish local governments in 1985-2007

10533 sales 128262 ha (0,4 % of land area)

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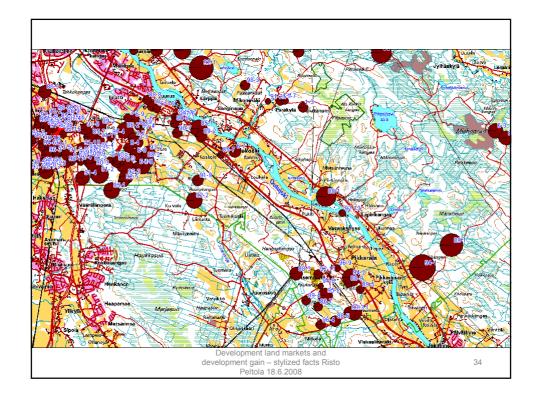
Oulu region:

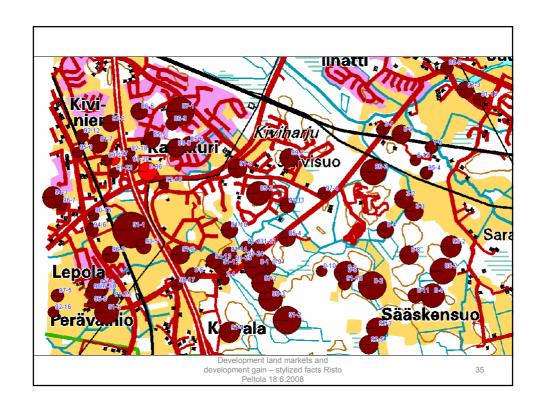
Far north, cold climate, dark winters, poor amenities

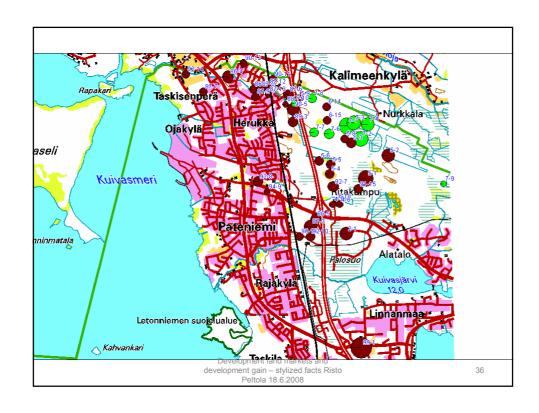
Fastest growing region in relative terms
Population 200.000
Annual growth 4 %

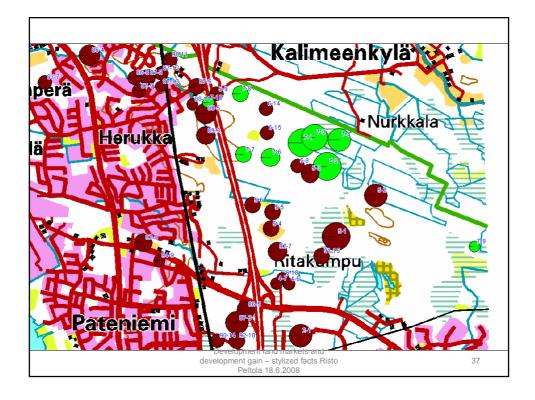
Active land policy Cheap housing

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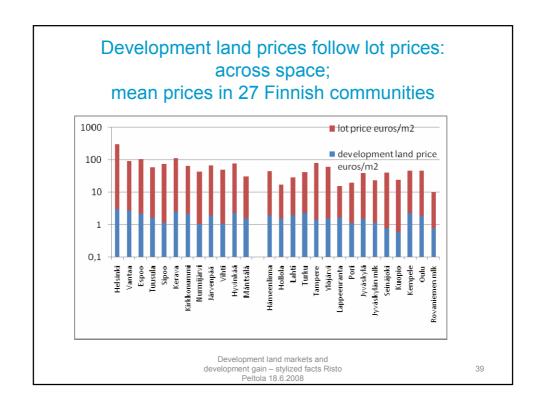


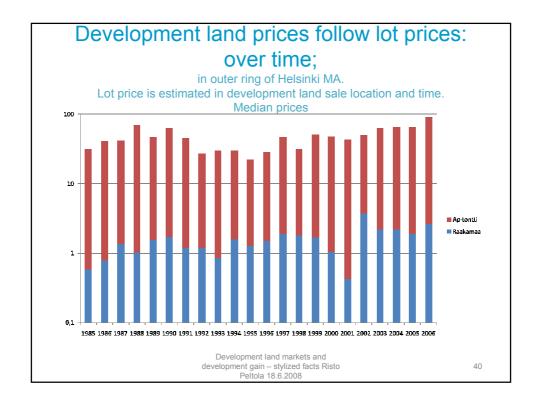


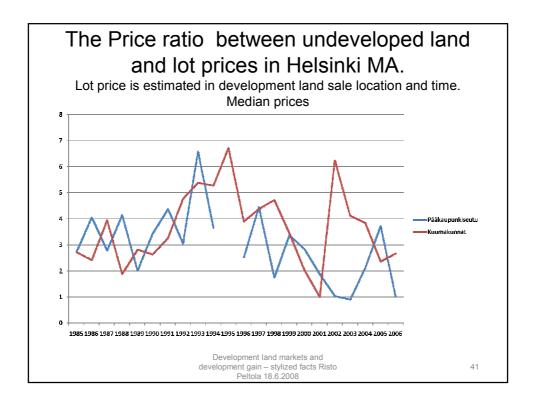


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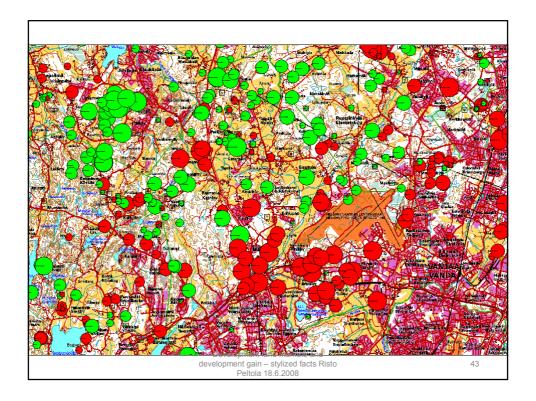


The price ratio between development land and housing lots in Helsinki MA.

Lot price is estimated in development land sale location and time.

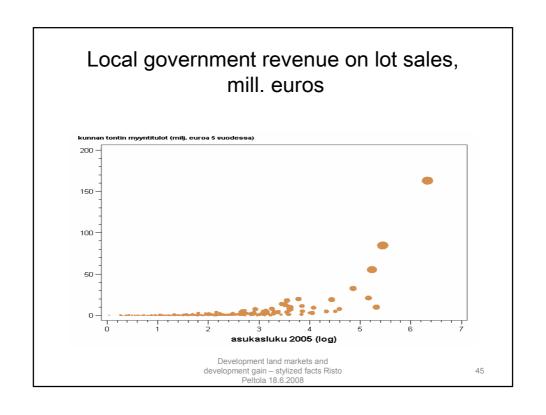
Median prices

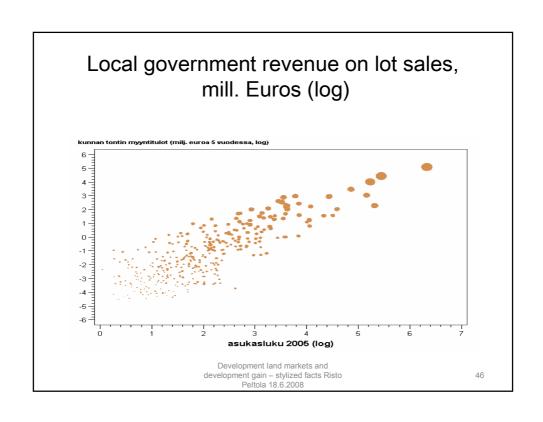
Large red = 30 % or more No circle= 5 % Large green = 1 % or less

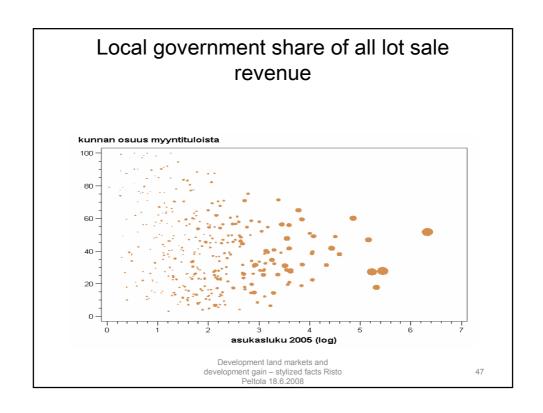


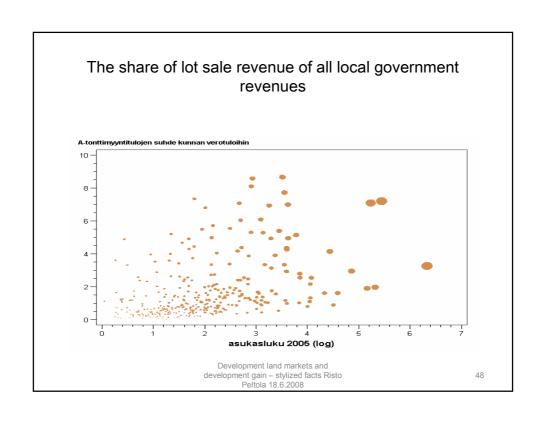
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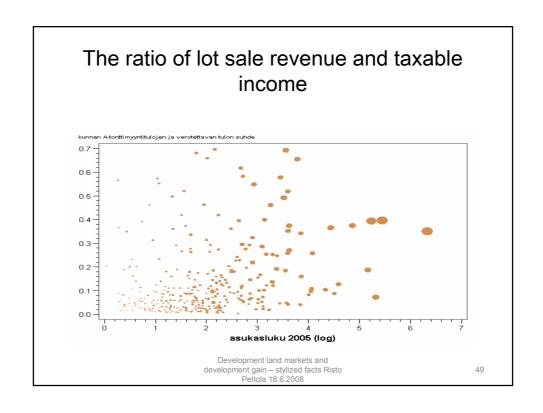
8. Land markets show that the same and the same and the same are same as the same are same are same as the same are same

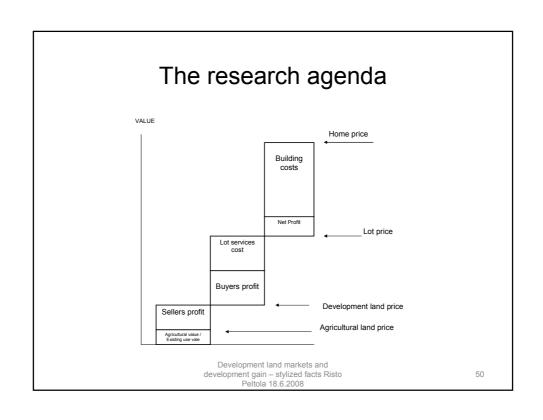












The research agenda

- · The components of house prices should be
 - defined
 - measured
 - modelled
- Especially development costs need standard definitions for measurement purposes

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The research agenda

- 1. What is the size of development gain in sales of development land?
- 2. What is the distribution of development gain between buyer and seller of development land?
- 3. Which factors affect to the size and distribution of the development gain?
- 4. What are the implications, when private land is developed and a development charge has to be calculated?

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