

'In the eye of the hurricane'

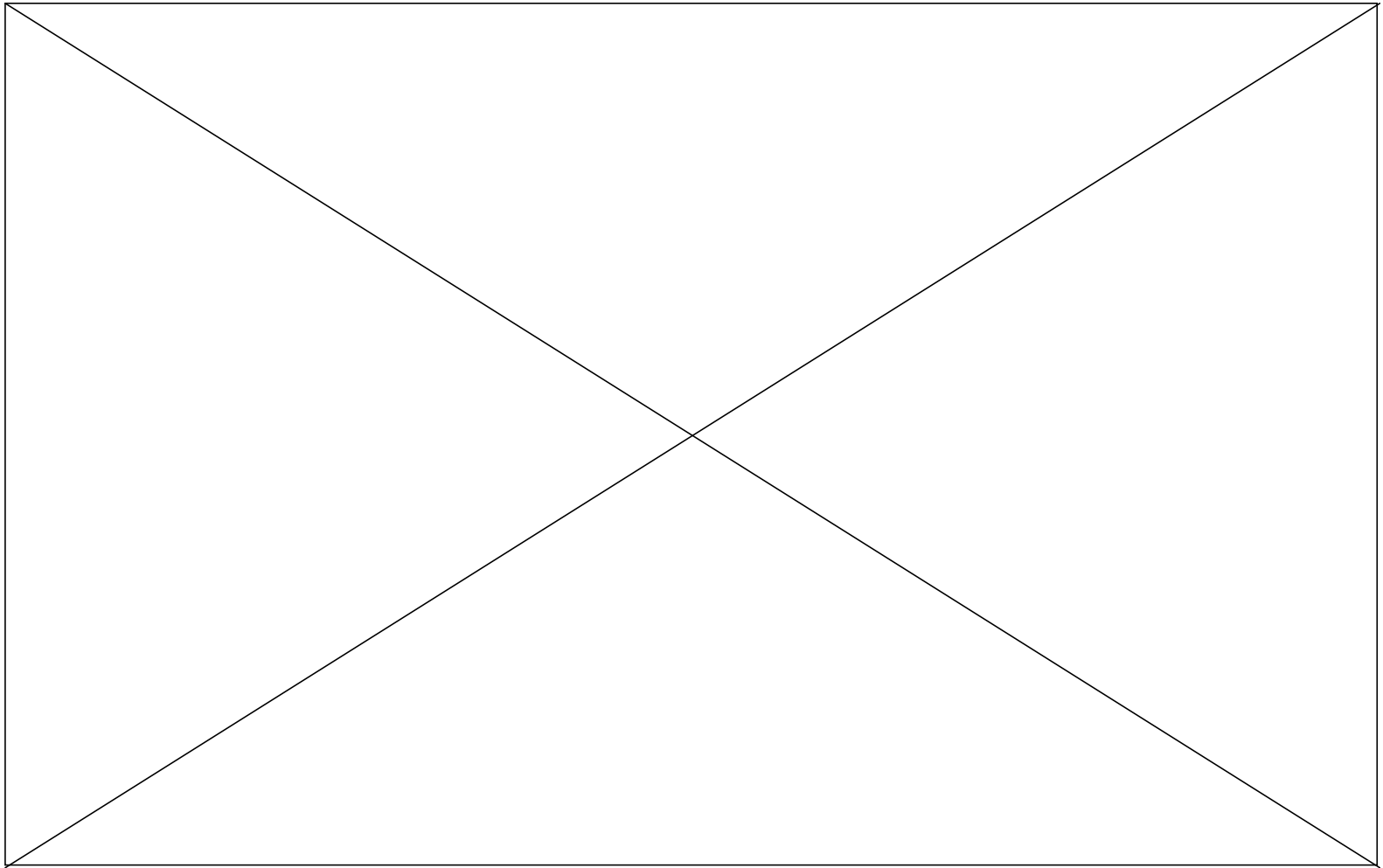
IURA 03

Entrepreneurship,
Value chain & Customers

Lecture 2: Lessons in transition

- Learning objective:
 - Student is capable:
 - to apply the theory of 'transition management' on the agrifoodsystem by describing and applying the role Urban Agriculture/ Agricultural Urbanism
- Study documents:
 - Ppt "lessons in transition"
 - Agriculture urbanism: chapter 17 and 19
 - Background: *The practice of transition management: Examples and lessons from four distinct cases*, D.A. Loorbach, Jan Rotmans Futures, 2010 (blackboard)

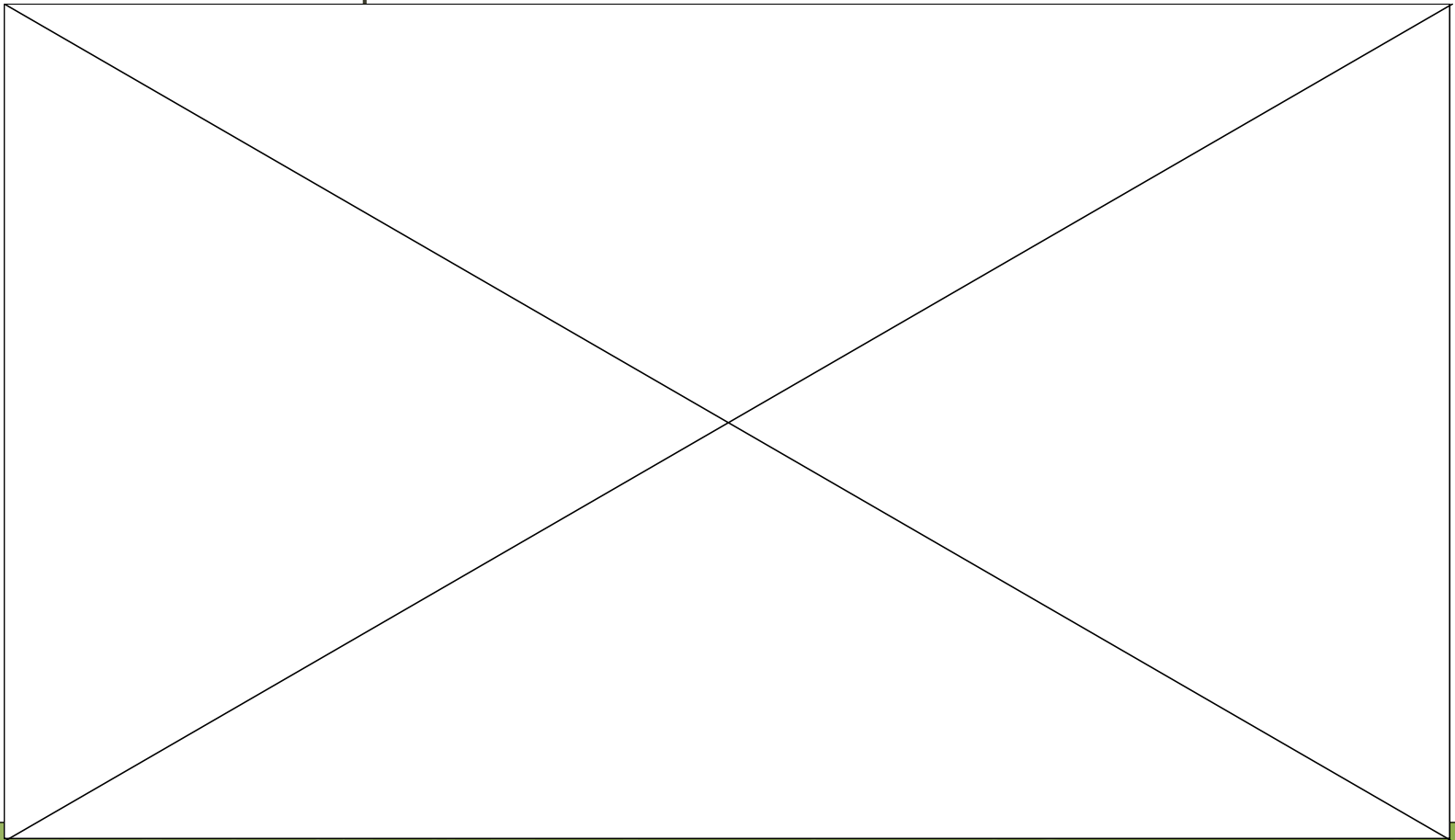
Lecture 2: Lessons in transition



- Jan Rotmans, Professor of transitions and transition management at Erasmus University Rotterdam

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- What did he say????
- Example



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Definition

What is a transition?

- Structural change in societal (sub)systems, with important changes in how to fulfil societal functions
- Co-evolution of (sub)systems like technology, infrastructure, institutions, market, culture, environment, foodsystems etc.
- Transition from a relative stable situation towards an other situation
- Transition in sustainability: from an unsustainable current situation toward a sustainable future

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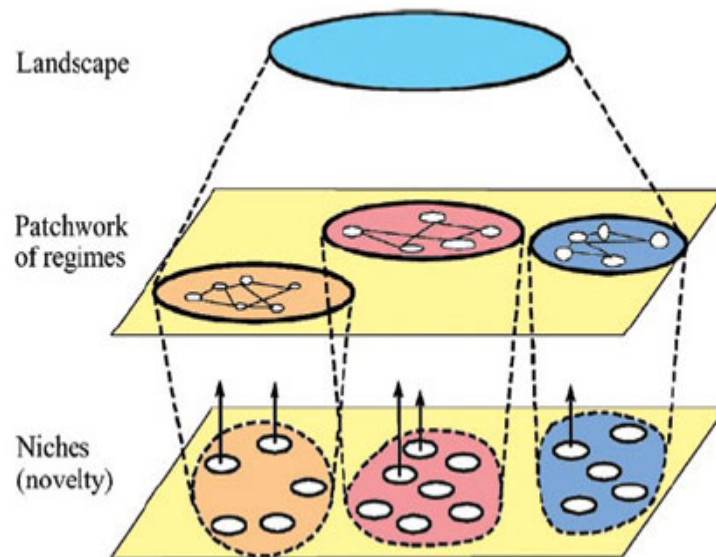
Basic features

- Long term: > 30 year (one or more generations)
- Inherent: uncertain and unpredictable
- Not “doing things better” but “doing better things”
- More than one transition path (beware: today's choice influence possibilities in the future!)

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Models

Multi Level perspective (MLP)



Macro level: trends, paradigm
(why can't we go on with this?)

Meso Level: dominant structure,
culture and practise (how do we
do it now?)

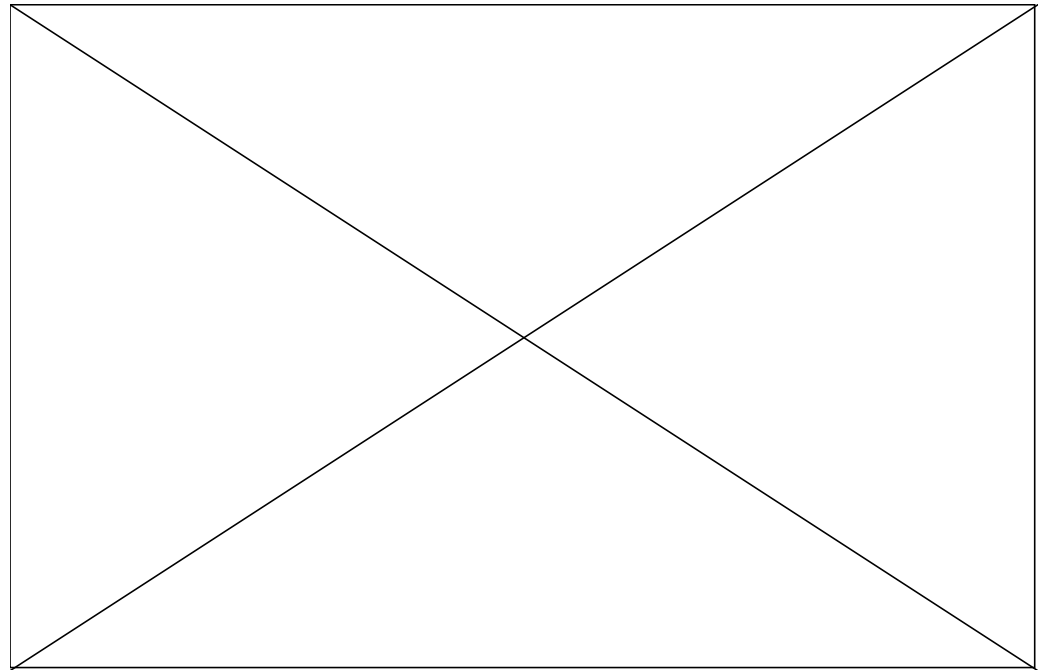
Micro Level: new ideas,
technology, projects and
cooperation (how can we do it
really different?)

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Models

Multi Level Perspective (MLP) Examples

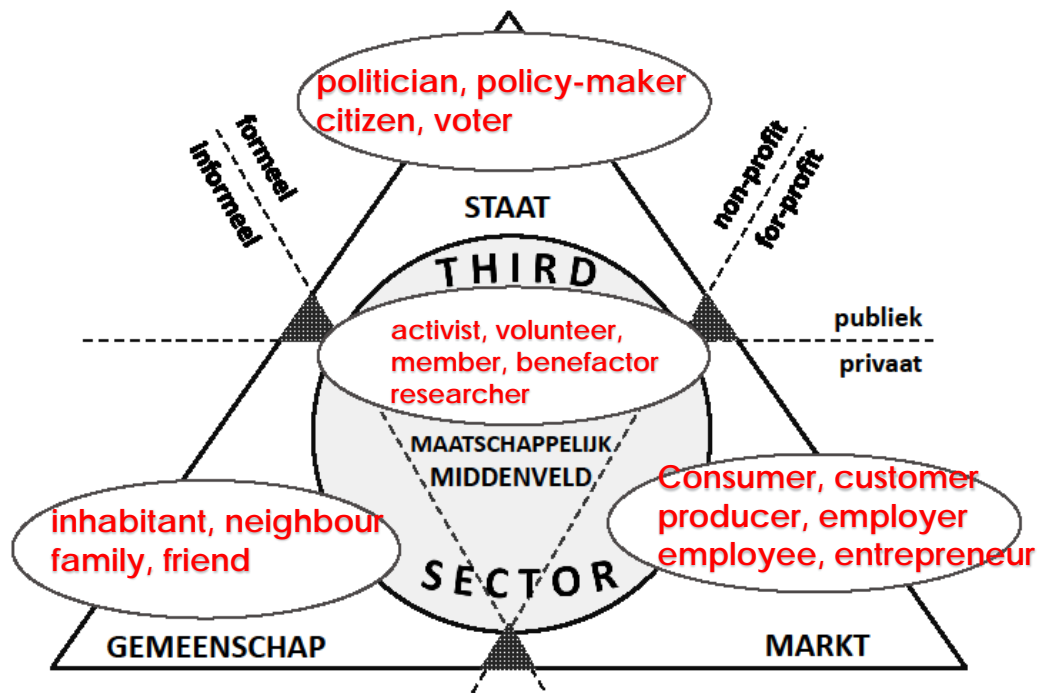
- Multi Level Perspective



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Models

Multi Actor Analysis (MAP):
the influence on the system





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Models

How to use the models?

MLP:

- Analysing the (un)sustainability of the system
- Determine the own position
- Identify chances for further development

MAP:

- Awareness of many potential different roles
- Identify different manners of force
- Reinforce networks of initiatives



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Assignment

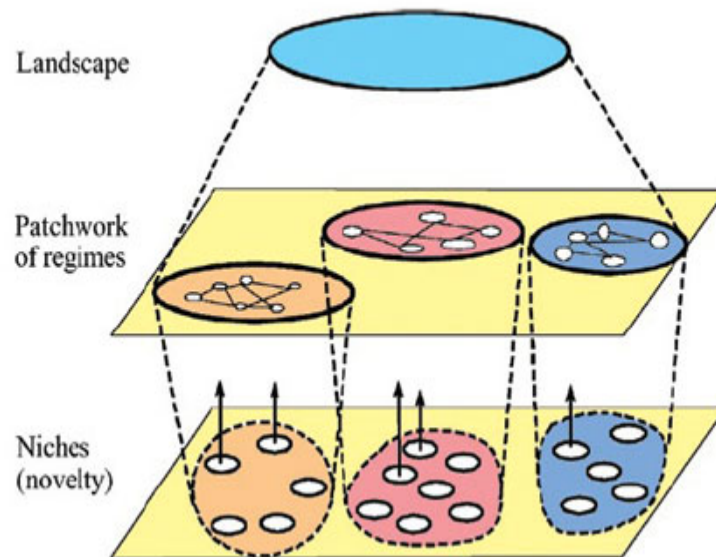
Let's practise with the food system and the position of urban agriculture in this food system

- Work in groups of 4-5 students
- Choose a dominant foodchain (milk, meat, eggs or greenhouse vegetables)
- Describe and specify the three levels in the MLP for your food chain (ask the questions for each level!)
- Preparing time: 15-20 minutes
- Discussion/presentation: 15 minutes

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Assignment

Multi Level perspective (MLP)



Macro level:
Why can't we go on with this?)

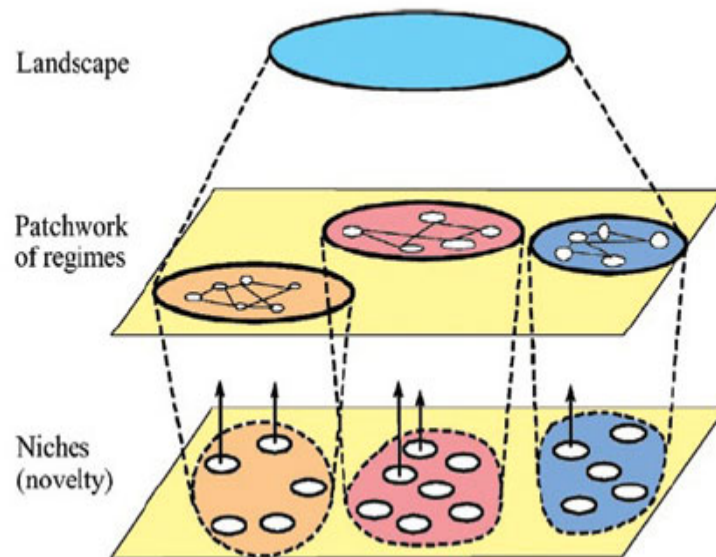
Meso Level:
How do we do it now?)

Micro Level:
How can we do it really different?)

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Assignment

Multi Level perspective (MLP)



Macro level:

Why can't we go on with this?:

Climate problems, competition on worldscale, food security, exhausting natural resources, exhausting of soil, chronic diseases, environmental problems etc.

Meso Level:

How do we do it now?

linear chain, efficient, monoculture, fossil, large scale, export driven, synthetic, anonymous, bulk, cost price driven etc.

Micro Level:

How can we do it really different?

Biodiversity, niche markets, urban agriculture, other eating patterns, organic agriculture, food as a social-cultural item instead of "fuel for the body", fair prices, energy-neutral food production etc.

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Lessons learned:

- Student is capable:
 - to apply the theory of 'transition management' on the agrifoodsystem by describing and applying the role Urban Agriculture/ Agricultural Urbanism