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## Business experiments for circular urban food systems

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# CIRCULAR BUSINESS MODEL DESIGN

RSD7 Symposium, Oct 2018

Jan Konietzko



#### Circular European Economy Innovative Training Network













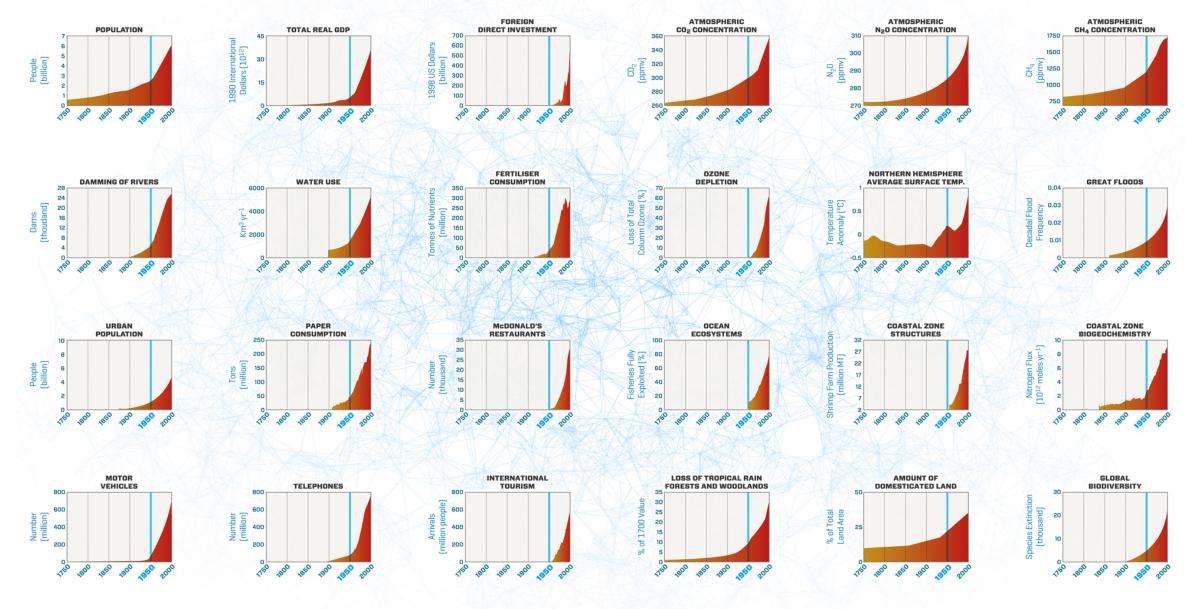






Horizon 2020 European Union funding for Research & Innovation





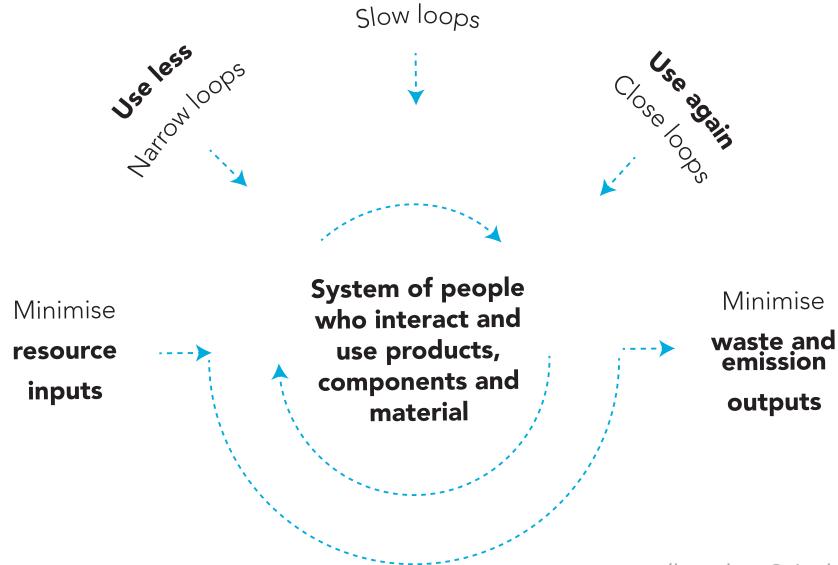


# The *linear* economy





# The circular economy



Use longer



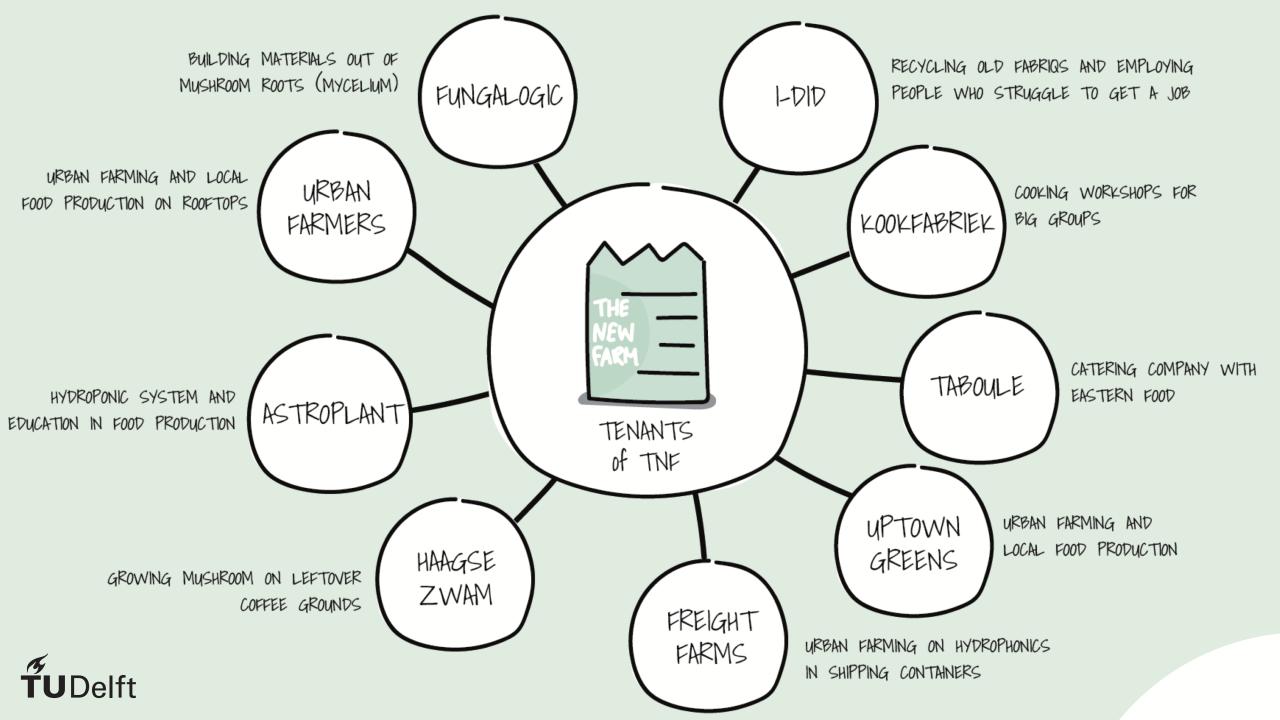
# Four priority sectors

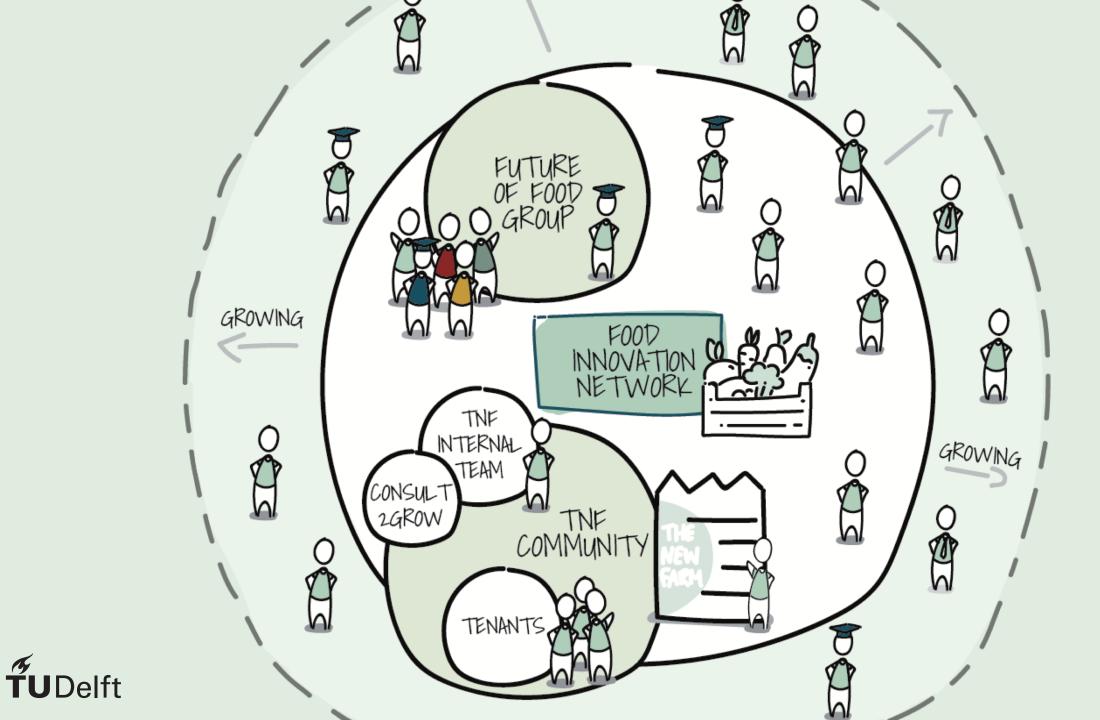


> 70 % of global life cycle environmental impacts





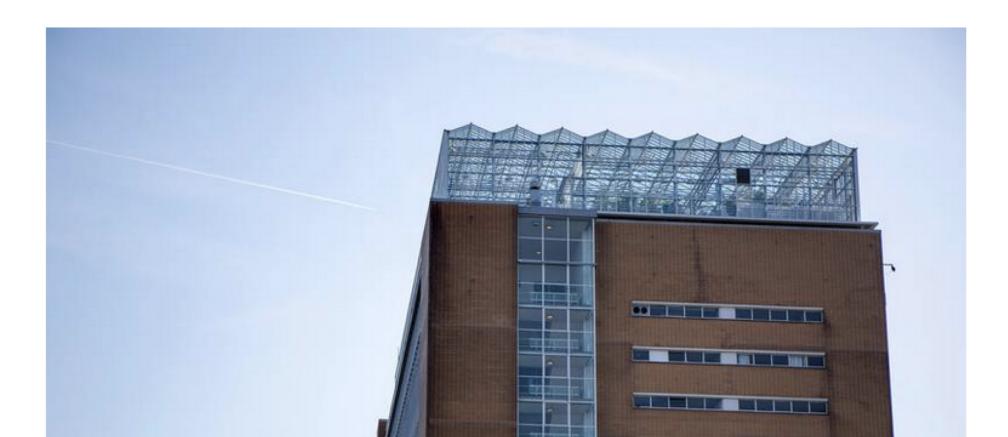




# Stadslandbouw klinkt prachtig, maar levert geen geld op

Europa's grootste stadskas en viskwekerij, op het dak van een kantoorgebouw in <u>Den Haag</u>, is na twee jaar al failliet.

Anouk Boone • 12 juli 2018, 11:47





#### Circular business models

#### **Desirability**

What product/service are you offering and to whom?
Who needs/wants this and why?
What sets you apart?
Why is your product/service better than others?

#### **Viability**

How do you earn money with the product/service?
What does it cost to create and deliver it?

#### **Feasibility**

How do you create and deliver the product/service?
What activities, resources and partners are needed?
Through which channels do you reach your intended users/customers?

#### **Circularity**

How does the product minimize emissions, waste and pollution, and maximise the resource efficiency of products and services?



## Circular business model design: effectuation theory





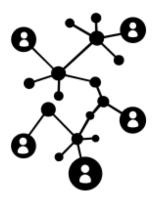
What do I find important?

What do I prefer to happen?



#### What do I know?

What skills and knowledge do I have?



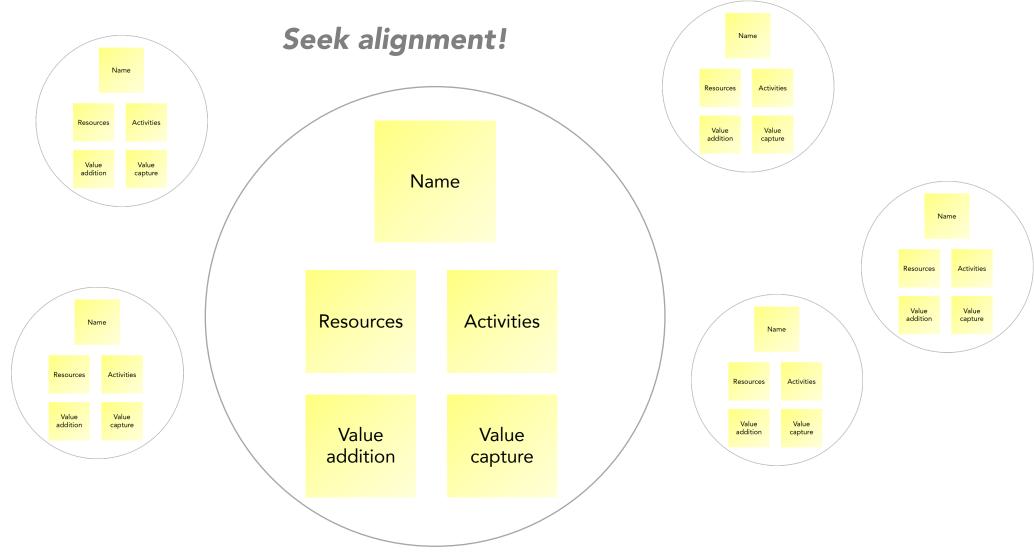
#### Whom do I know?

How can others help me?

Whose commitment and buy-in do I need?



## Circular business model design: ecosystem strategy





## Circular business model design: deciding what to do



## What do we need to find out?

What is it that we don't know?

What can we do right now to find out?



## (How) can we prototype the product/service to find out?

How can we prototype this to get commitment and buy-in from relevant stakeholders?



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