



IMPACT INVESTING

INTO SUSTAINABLE URBAN FOOD SYSTEMS

THOM ACHTERBOSCH
(RESEARCH W/ HAKI PAMUK)





This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement n. 101000812

OPPORTUNITY TO FINANCE FOOD SYSTEMS **TRANSFORMATION**

• Impact investment: Investments made into companies or organizations with the intent to contribute to positive social and environmental impact alongside a financial return (GIIN)*

 1720 organizations manage assets worth about \$715 billion in total; 75% manage less than \$500 million (GIIN)*

9% in food and agriculture*

54+% of organizations* aim to

expand agri & food investments

 target sustainable cities & communities





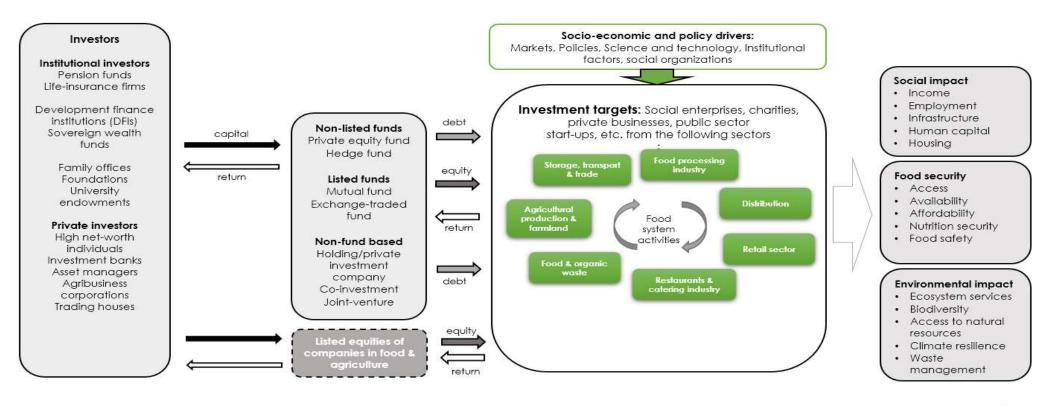
IMPACT INVESTMENT INSTRUMENTS

- Debt instruments: Credit (profit or non-profit businesses)
- Equity: Being a share holder and have a seat in the business.
 Benefits from profits or sell the shares after some years.
 (Only profit businesses)
- **Grants**: No return expected. Usually on public funds. (non-profit businesses)
- **Bundled**: Debt/Equity, Equity/Grant, Debt/Grant.





IMPACT INVESTMENT AND FOOD SYSTEM LINKAGE



Upstream Midstream Downstream Outcomes



EXAMPLES OF INVESTMENTS IN URBAN FOOD SYSTEMS



COLOUR KITCHEN AND IMPACT BONDS

 Colour Kitchen Foundation, a chain of restaurants and in-house catering that trains and create employment opportunities for vulnerable groups in the society, in collaboration with Utrecht municipality.

- Outcomes
 - Job training
 - Inclusion of vulnerable communities
 - Nutrition and health

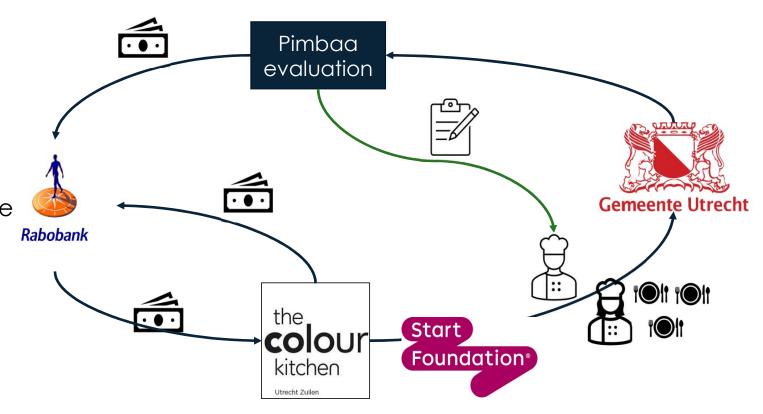




SOCIAL IMPACT BOND TO FINANCE SOCIAL ENTERPRISE "COLOUR KITCHEN" (NL)

Rabobank and Start Foundation invested 734 Thousand Euros through social impact bonds:

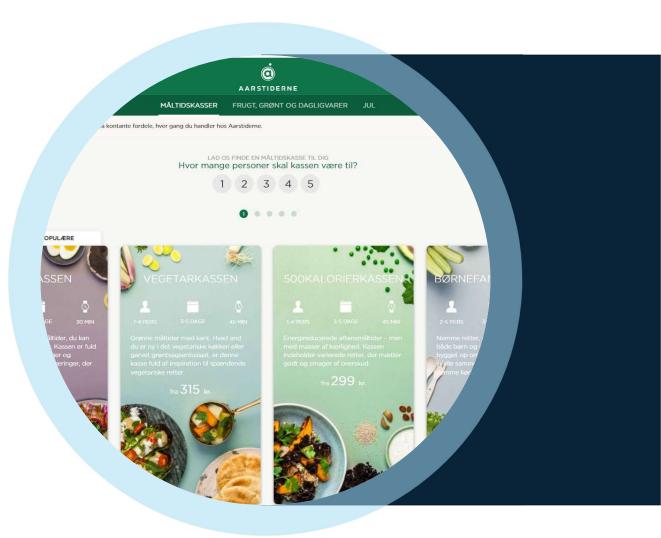
The funder receives a higher repayment from the Utrecht municipality with the success of Colour Kitchen, increased number of trained and employed participants in the programme





PRIVATE EQUITY FOR ORGANIC MEAL BOXES

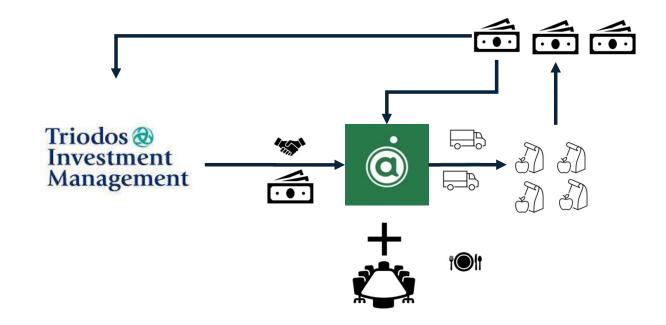
- <u>Aarstiderne</u>, an online retailer based in Denmark, collecting organic fruits, vegetables, and other organic products from farmers, and delivering them to the customers in a box, including a recipe for how to cook them.
- Outcomes:
 - Nutrition and health
 - · Diet shift
 - Environmental protection





PRIVATE EQUITY FOR ORGANIC MEAL BOXES AARSTIDERNE, AN ONLINE RETAILER

- Financial return plus impact.
- Impact investment: Triodos
 Investment Management →
 bought 20% of shares of
 Aarstiderne (equity investment).
 to scale-up operations and
 customer base.





CHALLENGES AND POSSIBLE ARRANGEMENTS

CHALLENGES



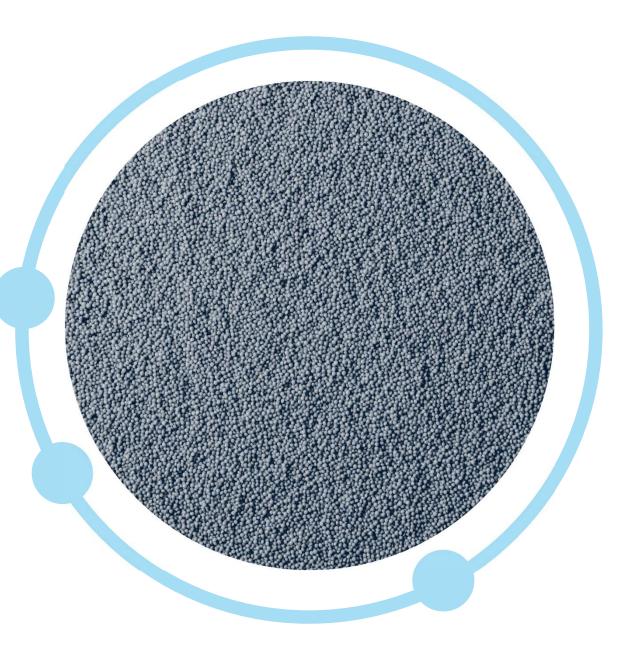
- Unfamiliar with the investment options for urban food systems
- Lack of tools to make impact investment straightforward.
- Public sector unaware of profit and impact risk concerns of the impact investors.
- **Scarce data** to monitor sustainability objectives carefully.

- Joint policy development by cities, stakeholders, and innovators and impact investors.
- Impact finance instruments relevant for investors & cities.
- Effective impact assessment and M&E methods; go digital.
- Show leverage of public funds on impact investing & transformation



POSSIBLE ARRANGEMENTS









THANK YOU



THOM.ACHTERBOSCH@WUR.NL



HTTPS://FOODTRAILS.MILANURBANFOODPOLICYPACT.ORG/



@FOOD_TRAILS



WWW.LINKEDIN.COM/COMPANY/FOOD-TRAILS



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement n. 101000812