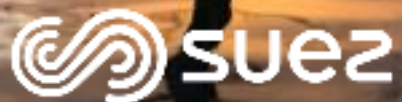


# DECISIVE FINAL CONFERENCE: THE WAY TOWARDS DECENTRALISED BIOWASTE MANAGEMENT

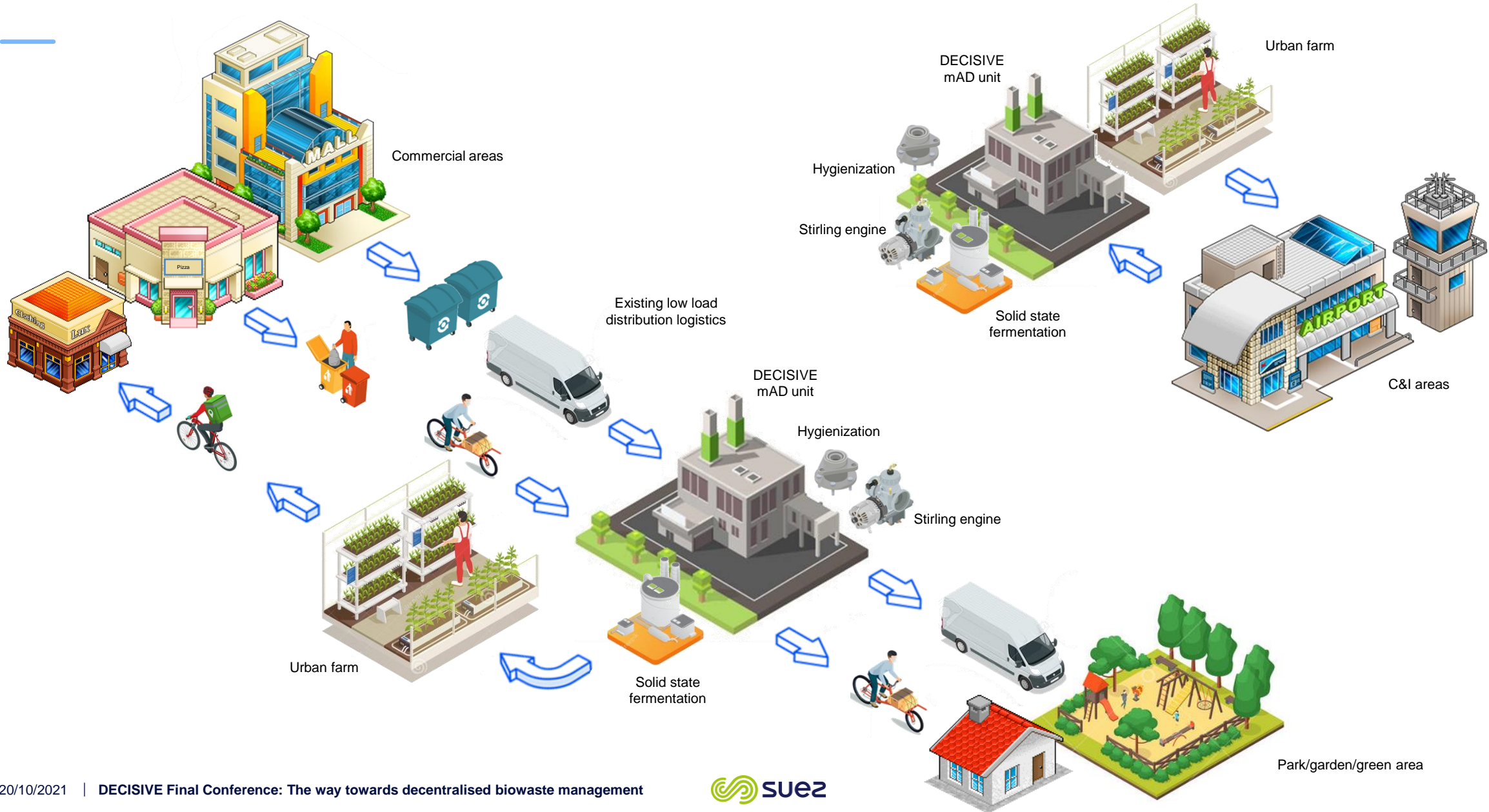
## Business uptake and replication

Pablo KROFF  
SUEZ/CIRSEE

20/10/2021



# The proposed DECISIVE system for urban biowaste management



# The DECISIVE concept: A contribution for the future of biowaste management systems

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- **Positioning:** The DECISIVE system constitutes a complementary solution to existing centralized solutions for biowaste treatment in urban areas.
- **Perspective & goals:** Towards higher levels of efficiency in biowaste treatment, in service, in environmental performance, and in social impact.
- **Circular economy principles:** All stakeholders involved in the 'loop' at local level benefit from the outcomes of the decentralized system.
- **Multiple benefits:** A decentralized system for the treatment of biowaste could integrate a local ecosystem of service providers like logistics, application of fertilizer, production of biopesticide, remote monitoring & maintenance, educational hubs, etc.
- **Design and education are key for the future:** Diagnostic/Design of the system (Decision Support Tool, safety analysis), awareness of system impacts foster higher engagement and quality of the separated collection → better functioning of the system.
- **Still a way to go until reaching a mature solution:** Scale and performance issues, integration of technologies, industrialization of a marketable design, the development of one or more suitable business models, foster maturity among end-users, develop & deploy a business strategy (for example C&I → households).

# A strategic development framework towards the future of biowaste in urban areas

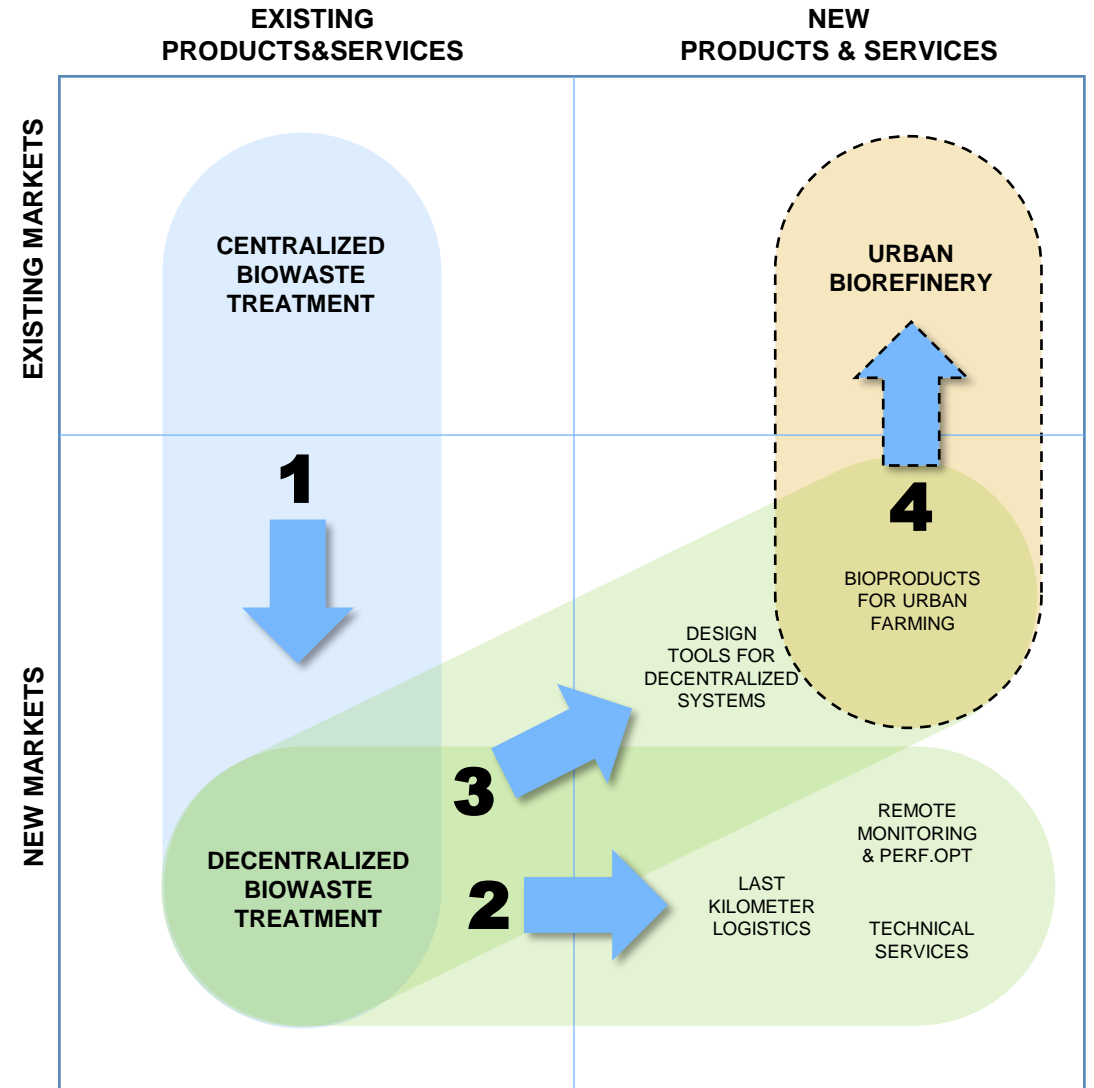
1. Valorization of existing expertise in biowaste treatment: Development of a decentralized solution
2. Development of 1<sup>st</sup> generation services: Support
3. Development of 2<sup>nd</sup> generation services: Valorization
4. Application of new concepts and technology to re-invent existing solutions

BETTER SERVICE & ADDED VALUE AT SOCIAL AND ENVIRONMENTAL LEVELS THROUGH INNOVATION

NEW SERVICES BASED ON EXISTING TECHNOLOGIES

NEW SERVICES BASED ON NEW TECHNOLOGIES

LEAP INTO THE FUTURE OF CITIES





“There is an old *Wayne Gretzky* quote that I love:  
‘I skate to where the puck is going to be, not where it has been’.”

Steve Jobs

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