

BRUSSELAER CIRCULAIR

*Integrating a historic
slaughterhouse with novel food
production using principles of the
circular economy.*

The context

- A little bit of history...
- Anderlecht – Region of Brussels
- Largest market in Europe



Existing activities

- Market
- Slaughterhouse
- Social activities
- Residential
- Food production
 - Mushrooms
 - Aquaponic greenhouse

(Cultureghem)

(Champignon de Bruxelles)

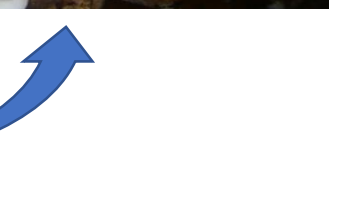
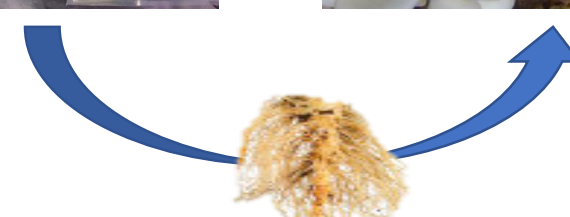
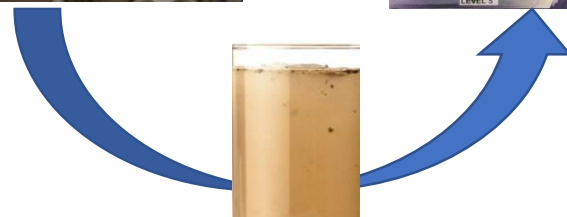
(Building Integrated Greenhouses)



The opportunity

On average **21 tonnes** of waste per week





Quantifying feasibility

How much can be produced?

mass balances
conversion ratios

Technical team

Is it profitable?

market research
business plan

Business team

Conclusions so far



250 kg/week



1.5 tonnes/week



15 kg/week

If profitable, then only just
→ Extra sources of income

The next steps

- Second workshop
- Refine business model with additional revenue streams
- Integrate important waste streams
 - Slaughterhouse heat
 - Rainwater collection
 - Neighbourhood green waste
 - Greywater collection
- Product design + market price



Thank you for your attention!

To find out more or to contribute
your expertise, contact us at:
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