

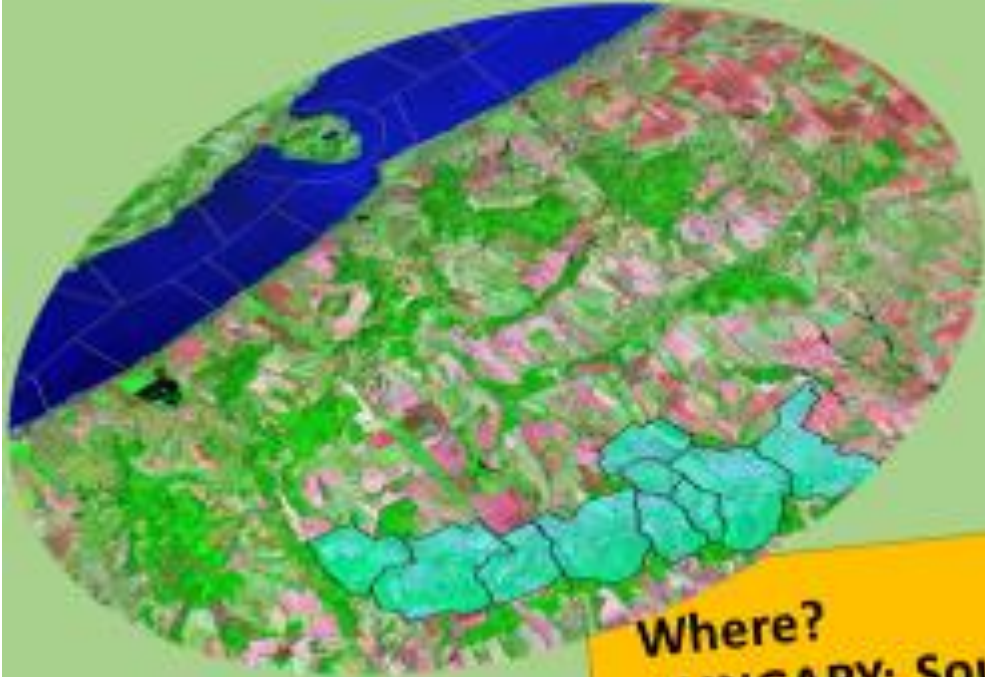
Local solutions to economic and environmental challenges in the Koppány-valley, Hungary

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CEO

Vox Vallis Development Association (Koppány-valley Naturpark & LAG)

2nd meeting of the ENRD Thematic Group on Bioeconomy - 17 January 2019





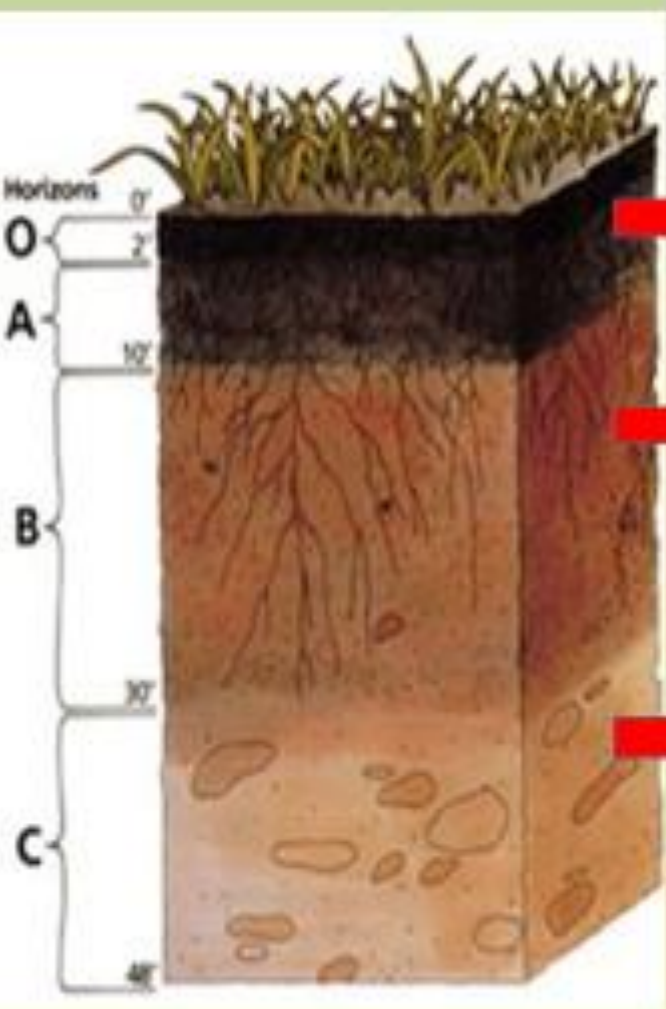
who we are?
Vox Vallis Development Association (est. 2004)
Koppány-valley LAG (since 2005)
Koppány-valley Naturpark (est. 2014)

Where?
HUNGARY: South Transdanubian Region:
Koppány-valley:
HILLY, SMALL VILLAGES, DEPOPULATION, POVERTY,
LARGE SCALE CROP PRODUCTION DOMINATES

local stakeholders?
CONTRASELECTED POPULATION
LARGE SCALE FARMS
NOT INTERESTED IN INNOVATION

what are we doing?
PARTICIPATORY (COMMUNITY LED)
LOCAL DEVELOPMENT

CHALLENGE 1.: severe soil degradation





CHALLENGE 2.: Unsustainable biomass production

„DISRUPTIVE”
TECHNOLOGIES



SOME OTHER CHALLENGES...



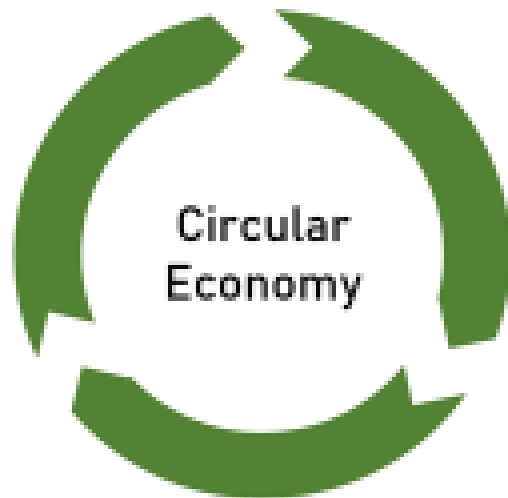
RURAL YOUTH?

- disappearing
- no land available
- no other source of living
- lack of information

CIRCULAR/BIO ECONOMY?

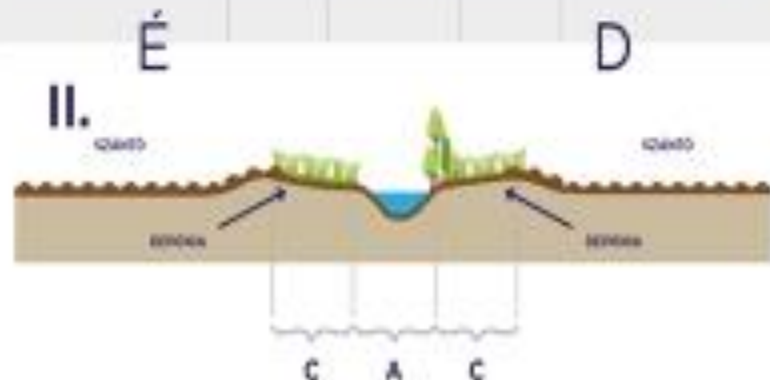
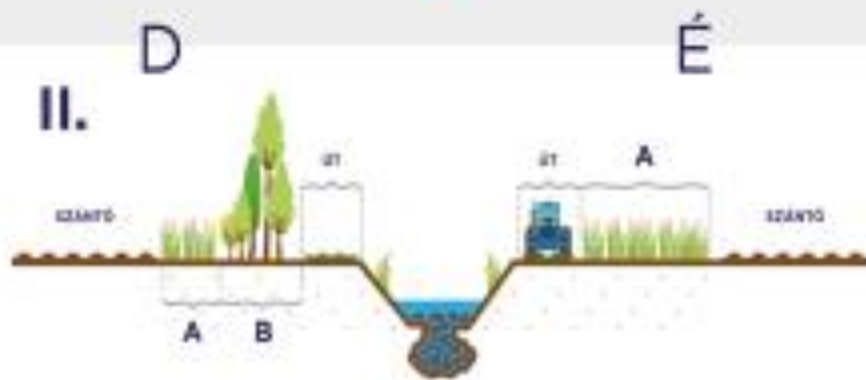
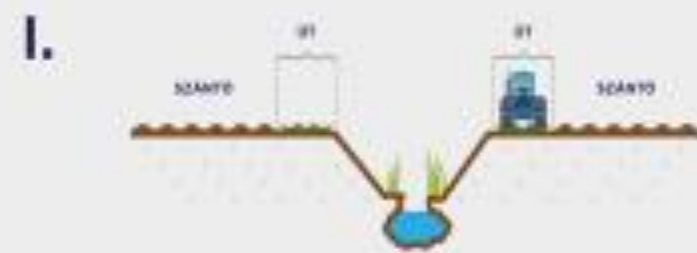
innovation bottlenecks:

- binary thinking
- demarcation of schemes / regulation
- schemes not allowing failure
- no real innovation „brokers”



EXAMPLE 1.

ENHANCING CLIMATE RESILIENT LAND USE





ECOLOGICAL BUFFERZONE = NONPRODUCTIVE?



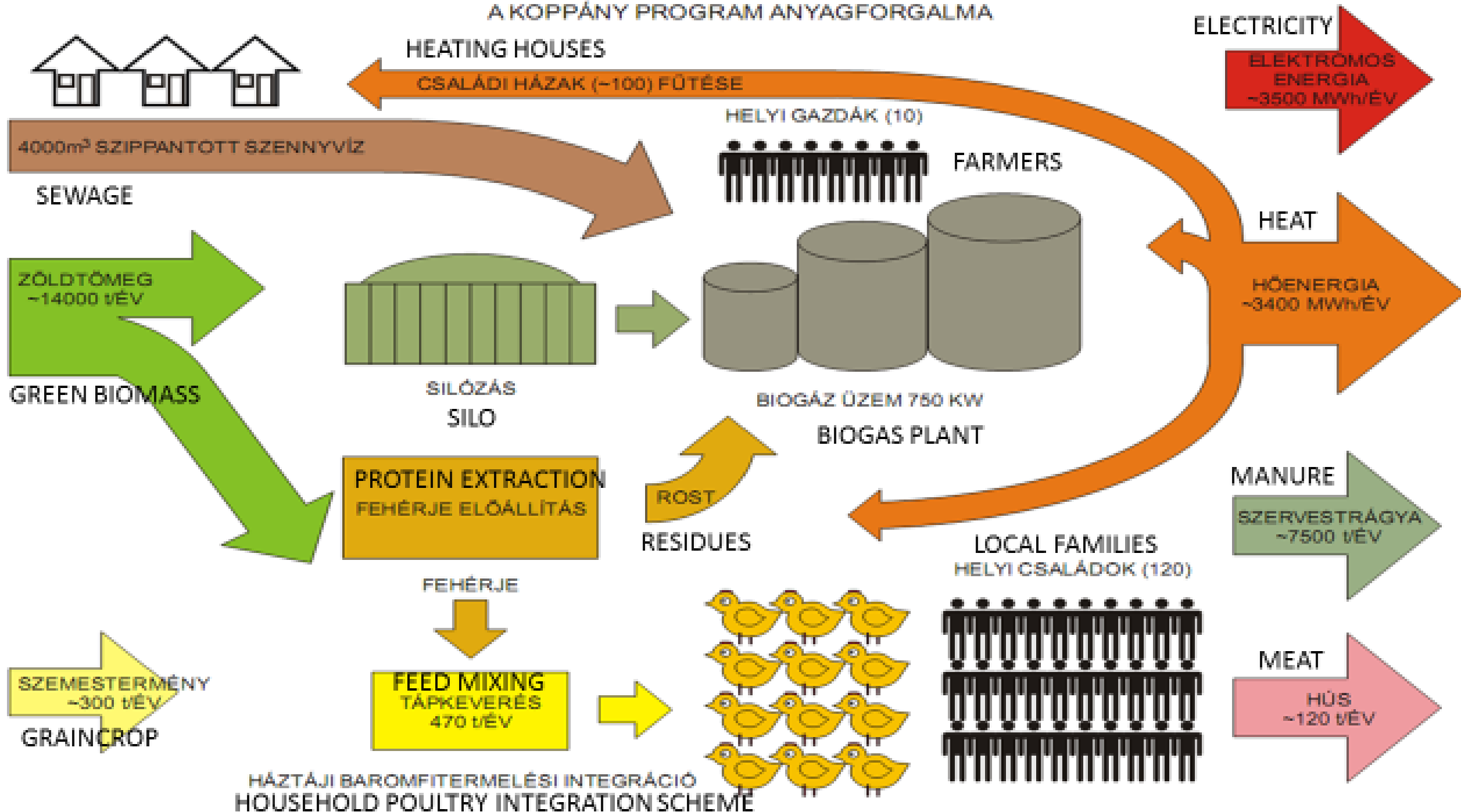
Galega orientalis

Silphium perfoliatum

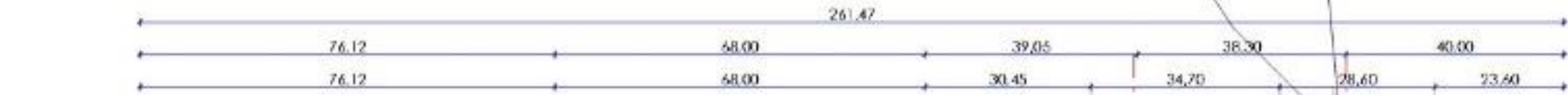
BIOGAS+PROTEIN+FARMSCAPING effect



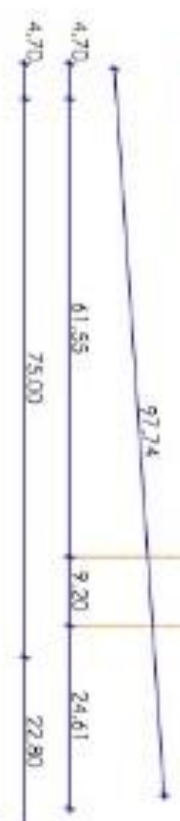
A KOPPÁNY PROGRAM ANYAGFORGALMA



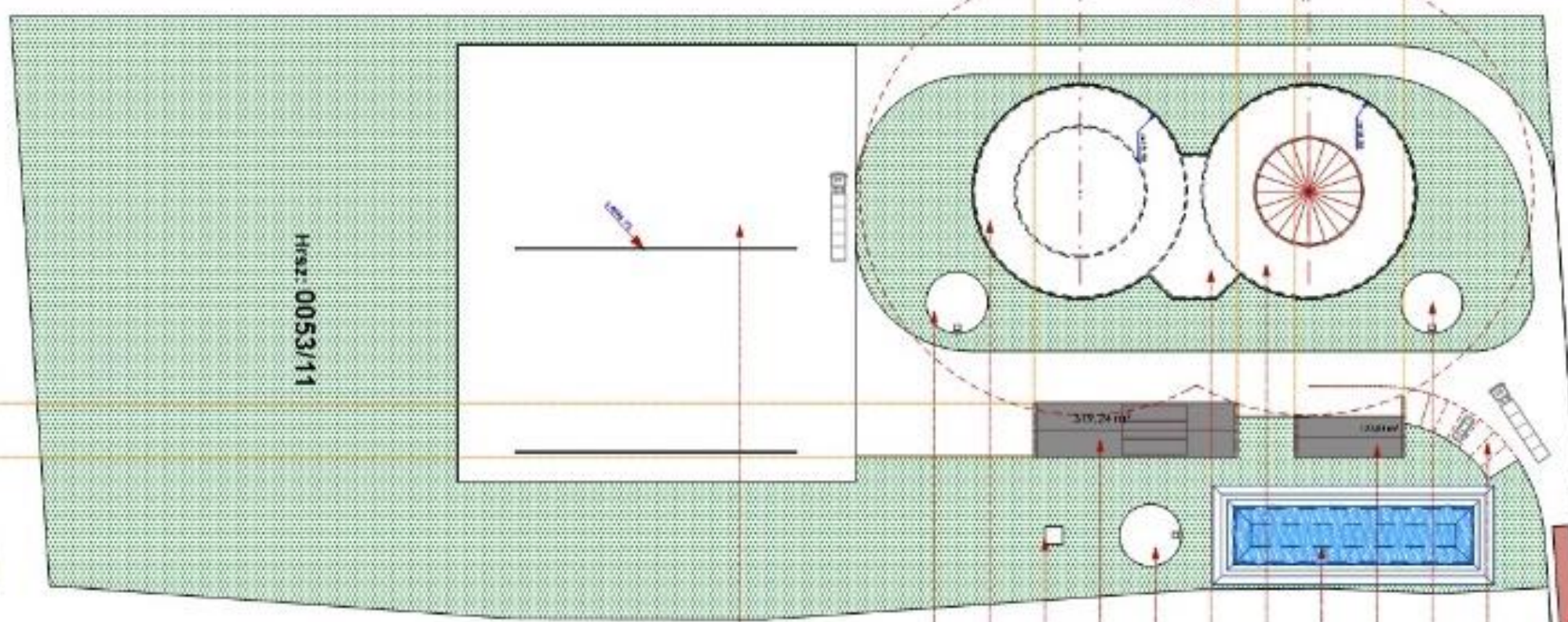
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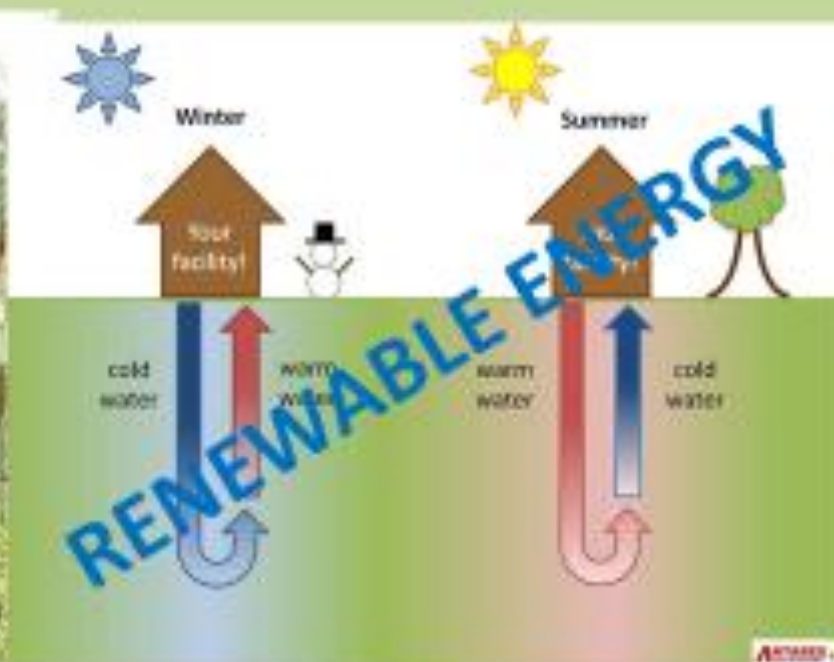
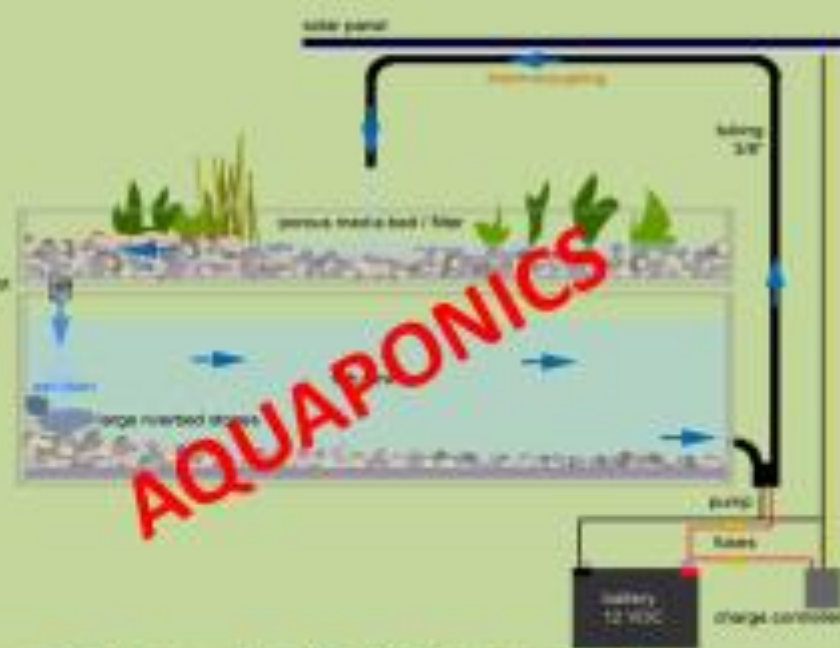
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EXAMPLE 2.

MIXING INNOVATIONS to be SUSTAINABLE & CIRCULAR



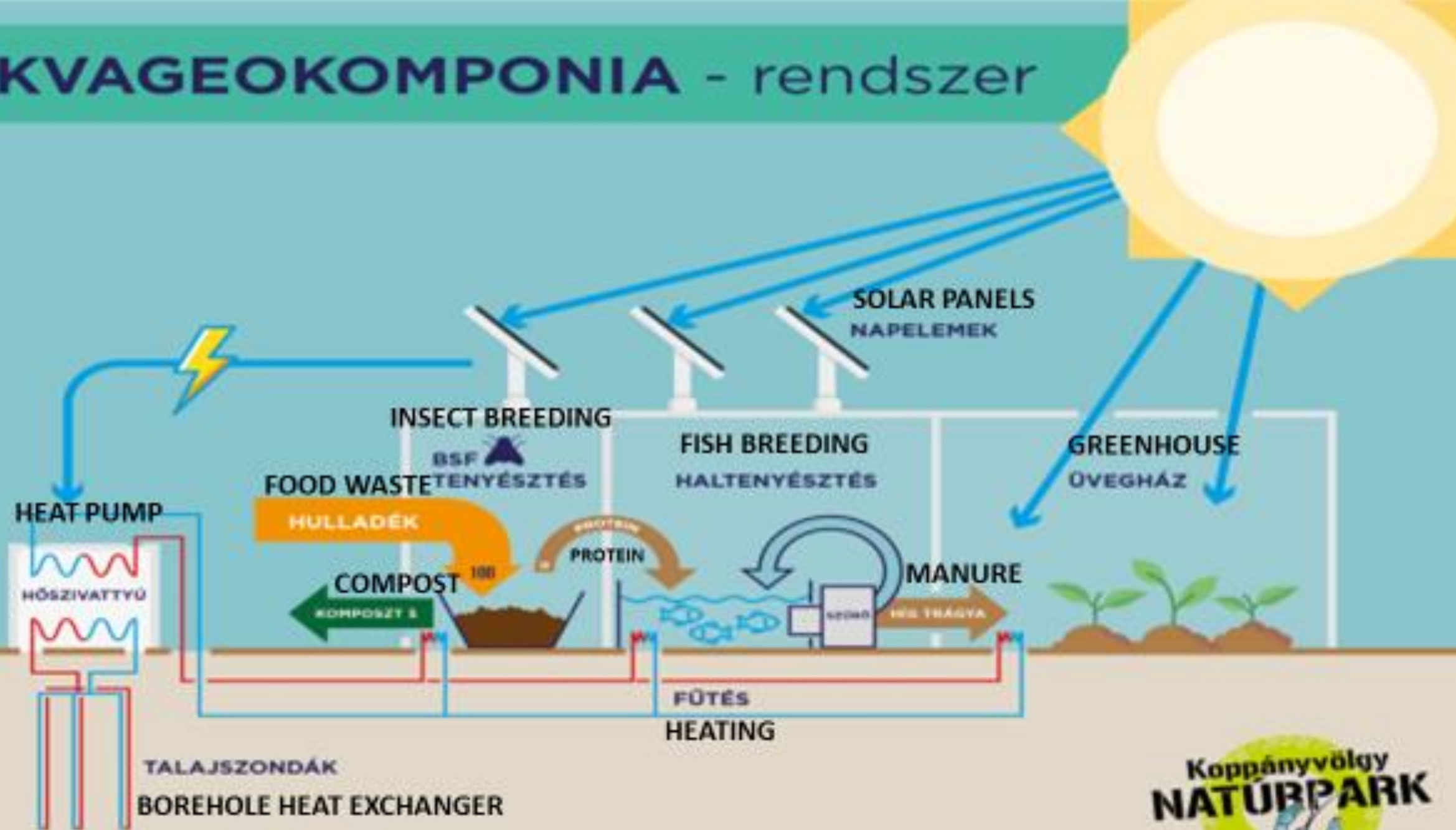
INSECT BREEDING

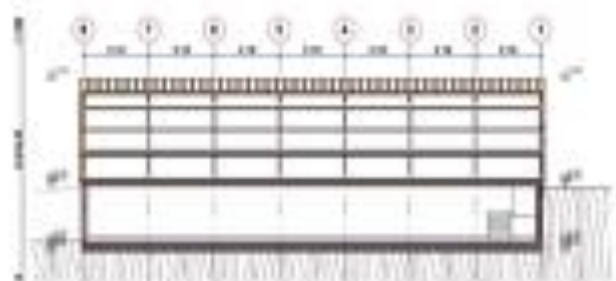


A FULLY CONTROLLED PROCESS



AKVAGEOKOMPONIA - rendszer





Project Name	
Client Name	
Site Address	
Scale	
Sheet No.	E-03
Author	
Checked	
Approved	



Project Name	
Client Name	
Site Address	
Scale	
Sheet No.	E-04
Author	
Checked	
Approved	



Project Name	
Client Name	
Site Address	
Scale	
Sheet No.	E-02
Author	
Checked	
Approved	