



HOUSE OF
AGROECOLOGY

A Belgian initiative to accelerate the transition

Basta kick-off
30-05-2024



Agenda

- 14u00 Frances Schutte
 - Introductie projectteam
 - House of Agro-ecology & Tool
 - Projectplanning
- 14u30 Projectadministratie – Bart Thoelen
- 14u40 Teelt van harde tarwe, ervaringen uit vijf jaar proefveldonderzoek – Walter Rodrigo Meza Morales
- 15u00 Verplaatsing naar het proefveld met harde tarwe te Acosse
- 15u30 Geleid bezoek aan het proefveld
- 16u30 Afsluiten



Wie is wie?

- Wie ben je?
- Welke teelten op het bedrijf?
- Waarom interesse in harde tarwe?
- Wat hoop je de komende twee jaar te leren?
- Suggesties waarop te letten bij selectie van variëteiten?

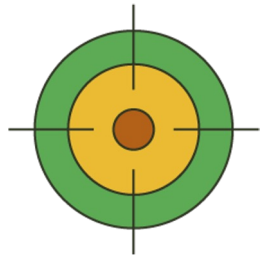
The HoA

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THE WHat

Vision & Mission



OUR MISSION

ENGAGE ALL ACTORS IN THE AGRICULTURAL AND FOOD TRANSITION
The House of Agroecology (HoA) was born to respond to the growing need for harmonization and federation of initiatives to create a common base for agroecology in Belgium with a shared vision and a collaborative approach.
Be the trusted third party for the food transition.

BASED ON FOUR AXES

**DEVELOP & TRANSFORM
AGRI-FOOD CHAINS
TOWARDS AGROECOLOGY**



**CREATE A HUB OF
EXPERTISE**



**CONNECT
AGROECOLOGICAL
PLAYERS**



**INFORM & SENSIBILISE
CITIZENS**



THE WHom

The Members

socopro

BEEODIVERSITY
regenerating value

Agrécologie et Agriculture de Conservation
Greenotec
ASBL



G.R.O.W
Growing Resilient Organic World

Farms:

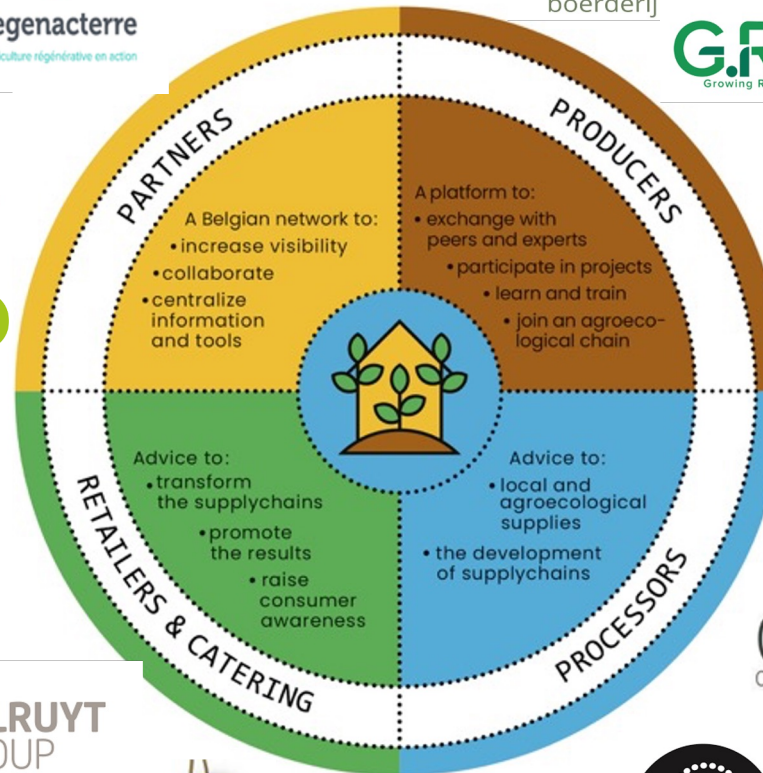
- Hansbeke PHAE
- Todi Contensin
- La goutte du gad bourgeois
- Bossut
- Vahnove SAGR
- Beenshoeve
- MoulinDeWays
- Henricot
- Warelle



Regenacterre
L'agriculture régénérative en action



ILVO



CultivAé
Coopérative agro-écologique

LES TARTES
de
Françoise
Le bonheur, ça se partage

AGROECOLOGY IS A SYSTEMIC APPROACH



Soil as basis for a resilient system:

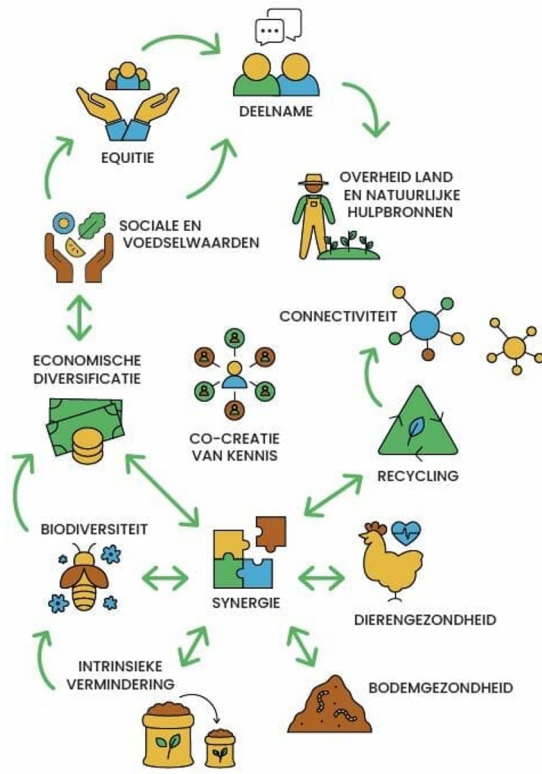
- ❑ Healthy soils provide healthy plants & less diseases
- ❑ Healthy soils can maintain significant volume of water & microbiota

Biodiversity which is a functional ecosystem:

- ❑ Disease control: Balance between Predators and Pests
- ❑ Fixate the soil: Less soil loss during heavy rains
- ❑ Delivers nutrients to plants: N, but also micronutrients via mycorrhiza

Social : connecting people, local products, diversification

Economic: fair price & valorisation of environmental services



Agroecology brings different service for different stakeholders

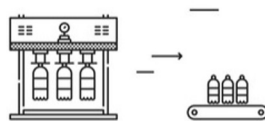


Farmer

Transformer

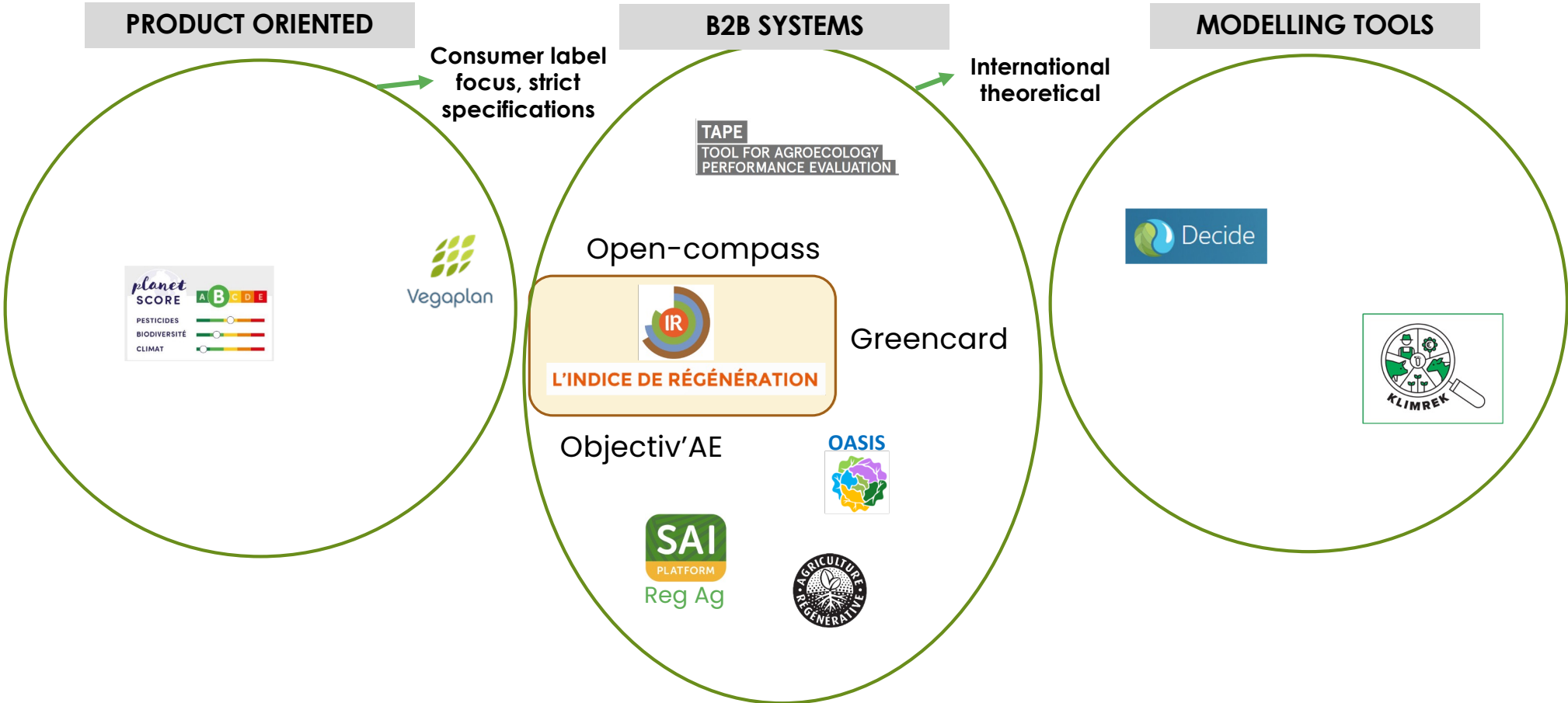
Retail

Consumer/citizen



A tool should make it possible to communicate among the the supply chain

EVALUATED TOOLS & selected tool



IR TOOL

Scoring and Content



Visit AE Technician

1. Agroecological farming plan: innovative crop rotations, shift in soil & pest management, economic advice
2. IR Tool Evaluation

5 Focus areas IR
Total score 100p

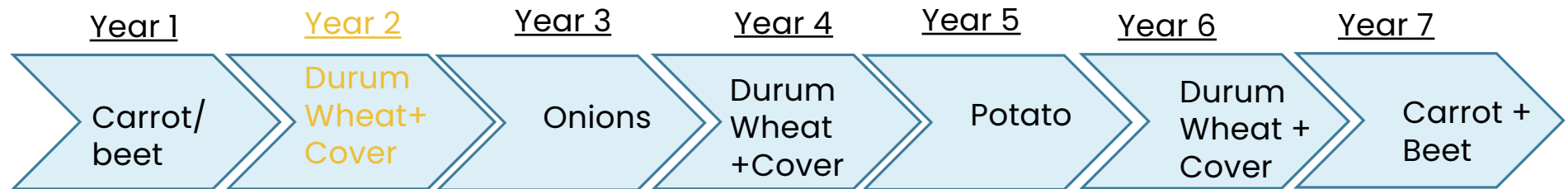
SOIL (60p)	Soil management, Cover, Carbon and Organic fertilisation
PLANT HEALTH (15p)	Integrated crop management, Phasing-out agrochemicals
NATURE (20p)	Biodiversity & Agroforestry
TRAINING (5p)	Yearly Trainings on Agroecology principles



IR Tool scoring

0-20p	20-40p	>40p
Start-up phase	In transition	Agroecological

Agroecological farming plan



Soil Carbon: 3-4%

STEP 1: Soil biological Remediation => Transform to a living healthy soil

- ☐ Cover crops (mix of 10 varieties, to break up soil and which need no herbicides)
- ☐ Substitute Tillage by Decompactation tools (Vaste tandwieler)
- ☐ Reduce Pesticide impact/usage via disease monitoring systems, selective pesticides

STEP 2: Reallocate Synthetic Fertiliser budget to product that feed the soil biodiversity

- ☐ Biostimulants, Compost tea, organic fertilisers, selective & min synthetic fertilisers

STEP 3: Above soil biodiversity:

- ☐ Enriched crop rotation
- ☐ Permanent flower strips in the crop

BASTA

- Create **durum wheat supply chain**, which starts from **agroecological** practices in Flanders
 - Farming (varieties, management)
 - Product spec (industrial processing)
 - Agroecological (tool, advice, AE plan)
 - Economic (profitability)
 - Knowledge sharing
- 2 years: 2024-2026



Medegefinancierd door de Europese Unie



Europees Landbouwfonds
voor Plattelandsontwikkeling:

Europa investeert
in zijn platteland



BASTA

Partners

- **Boerenbond** – Bart : coördinatie, communicatie & administratie
 - **HoA** – Frances : inhoudelijke uitvoering
 - **ILVO** : bodemanalyses & verdeling zaaizaad
 - **INAGRO** : begeleiding 3 landbouwers regio West-Vl. + veldproef
 - **Stefan Muijtjens** : begeleiding 4 landbouwers regio Pajottenland
 - **Soubry** : afname, verwerking, terugkoppeling resultaten, billijke afspraken
 - **Landbouwers** : teelt, oogst, experiment Agro-Eco, lerend netwerk
- ***CRAW : geen projectpartner, wel bijdrag over variëteitskeuze =>Dank u



BASTA

Planning



2024

- April-mei: variëteitenselectie
- 30 Mei: kick-off & proefveldbezoek bij CRAW
- Mei-Juni: IR tool & AE plan op punt stellen (ILVO & Inagro)
- 15 Aug: bodemstalen verzamelen + bezoek & advies
Agronoom+ IR Tool
- Sept-Okt: inzaaien jaar 1

2025

- Jun: 1ste collegiaal bezoek
- Jul : oogst jaar 1
- Sept-okt: inzaaien jaar 2
- Dec : eerste resultaatbespreking

Variëteiten



Voorstel CRA-W: Anvergur, Canaillou, Winterstern and Wintersonne



Foto: Stefan M. : Organic Durum wheat (excl project)