



BODEMLIEFDE DESIGNS AGRICULTURAL SYSTEMS AND GUIDES ACTIONS EFFECTIVELY SUPPORTING DEVELOPMENT AND ENSURING FOOD SECURITY IN A CHANGING CLIMATE

### SERVICES

- Perennial crops and regenerative agriculture
- Compost, vermicompost, compost tea and composting systems
- Agroecological intensification of existing farmland
- Reduction of agriculture related greenhouse gas emissions
- Carbon sequestration in soils and aboveground biomass

### CLIMATE SMART CONSULTING

Bodemliefde is a consultancy that advises on climate smart agriculture, organic farming, soil fertility and composting systems in a holistic way. Our mission and purpose is to improve soils, farm health and productivity by proposing solutions that enables all the different components to enforce each other. Our designs entail only cultivated ecologies that contribute to a sustainable, abundant and healthy future.

HOLISTIC FARM DESIGN

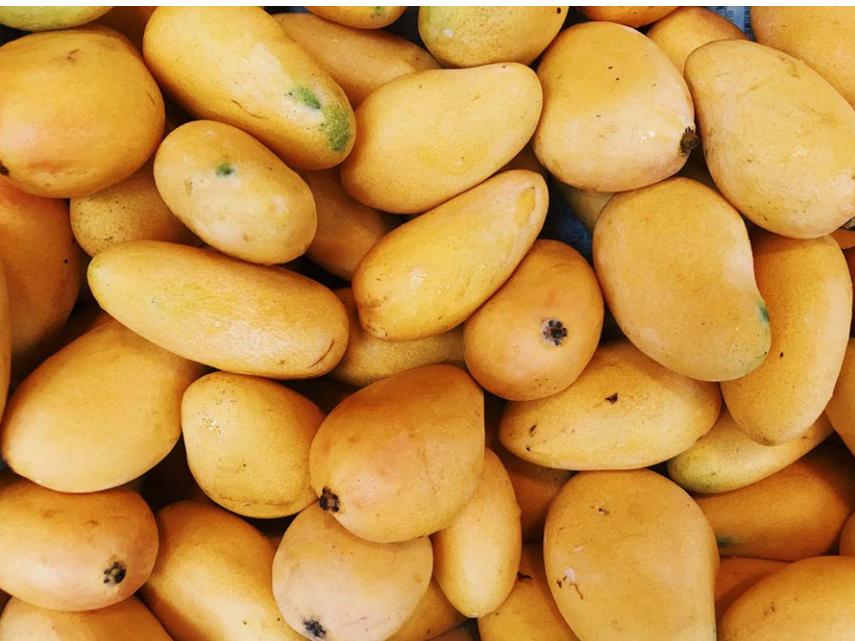


# ECOSYSTEMIC DESIGN

## A different approach

By approaching food systems in a holistic manner, we arrive at new insights. Biodiversity, water, soil and crops influence each other. That is why Bodemliefde works with an ecosystemic approach. That means that elements with their reciprocal impact are used in such a way that they are obligated to reinforce each other in a natural way.

We are completely dependent on plants for our food and living environment. Sustainable plant growth starts with a healthy soil food web. This is why we first and foremost want to restore and promote the functional biodiversity of the soil.



## Agroecological intensification

Our services focus on maintaining and improving yields through agroecological intensification without harming people and ecosystems.

The solutions vary from system to system and from location to location. We find solutions in polycultures; the integration of multiple crops on the same plot of land. Precisely designed, these systems increase the overall yield over time.

Agroecological intensification also has a positive effect on social conditions, economy, ecosystem services and carbon storage.

## Perennial polycultures

Ideally, the soil is not disturbed after a system has been installed. An undisturbed soil is able to build fertility over the years. By plowing, soil life and structure collapses. Therefore, Bodemliefde prefers perennial polycultures over annual ones. If one chooses perennial crops there is no need to plow at all and high fertility and resilience are achieved.

Bodemliefde designs with numerous species that provide a wide range of products. Next to fruit, vegetable and nut crops, and basic food products such as carbohydrates, oils and proteins, numerous others can be a basis for materials, chemicals and energy.

# NL-FSA

The NL-Food Security Alliance (NL-FSA) is a network of mainly Dutch companies and institutions developing exclusive and sustainable solutions in the agri-water-food-business.

NL-FSA is a Royal Eijkelkamp initiative

 **Eijkelkamp**  
Meet the difference

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 **Bodemliefde**

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