



ERNST GÖTSCH

WHAT IS... SYNTROPIC FARMING?

- ★ **Syntropic Farming** is an agricultural framework of producing food while restoring and managing ecosystems.
- ★ It has been developed by the Swiss farmer and researcher **Ernst Götsch** during the past almost 50 years.
- ★ His technique proves to be **environmentally beneficial, economically viable and empowering for societies** while creating highly nutritious foods that grow without external inputs. It is applicable **from small to large scale** in all food producing climate zones.

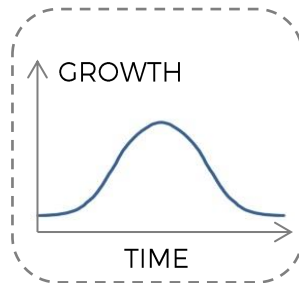
SYNTROPY?

(tendency for convergence)

is a concept related to the spontaneous complexifying processes of nature and life itself and a complementary variable to entropy (tendency for divergence).

1 CHOOSING PLANTS...

Orchestrating crops and ecosystem species in time allows a **high density and diversity of species**. Each plant builds up resources for the species that will take over the space.



In Syntropic Farming we define species to be planted by their ecosystem fit, their ecophysiological function, our goals and their **lifecycle**.



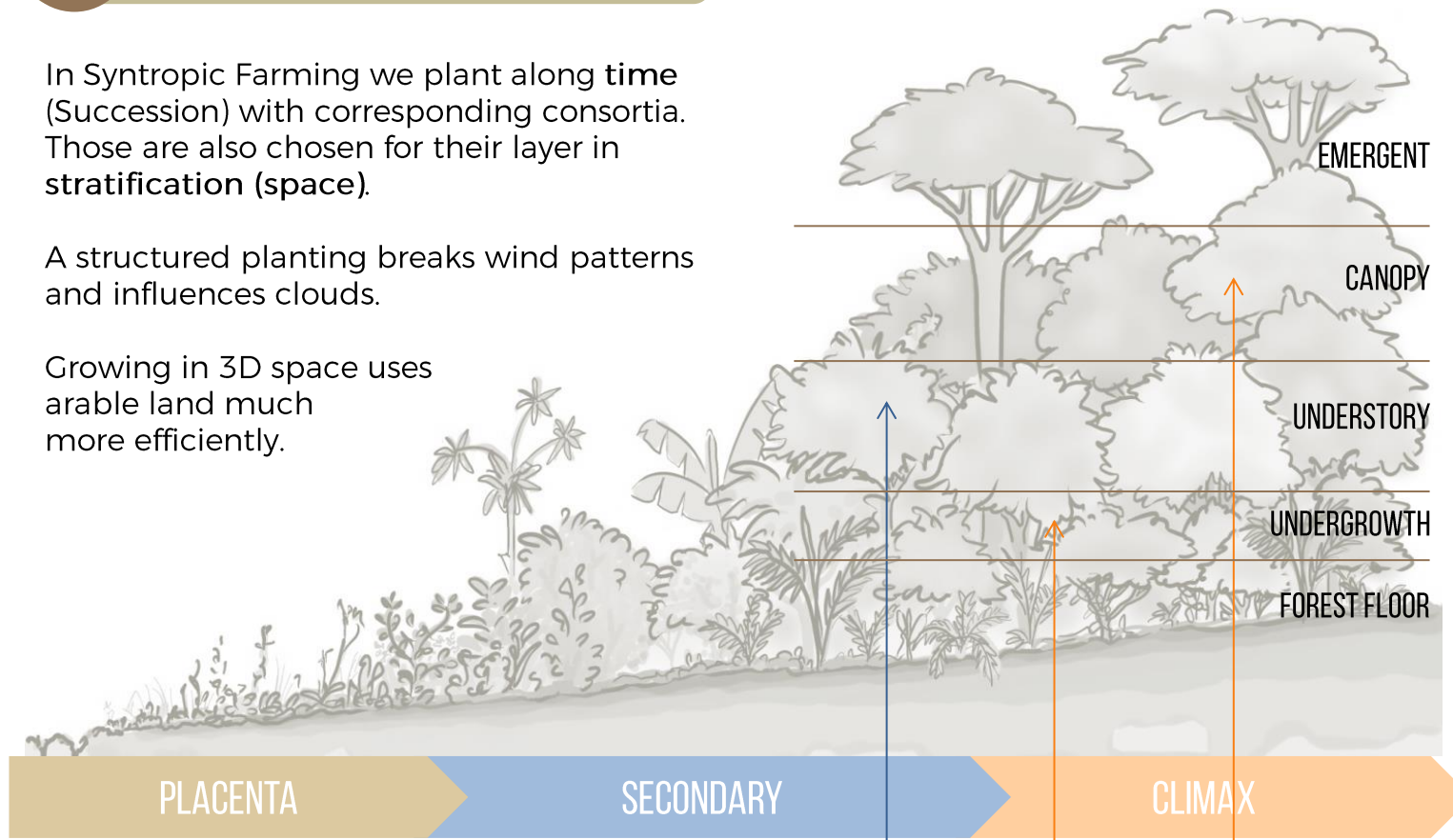
Generally, each species goes through a process of **growth, reproduction and decline**. Each species has a **specific timeframe** to do so.

3 ...AND SPACE

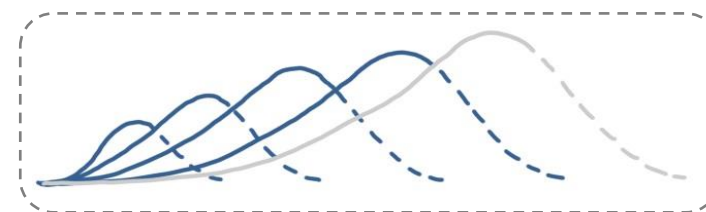
In Syntropic Farming we plant along **time** (Succession) with corresponding consortia. Those are also chosen for their layer in **stratification (space)**.

A structured planting breaks wind patterns and influences clouds.

Growing in 3D space uses arable land much more efficiently.

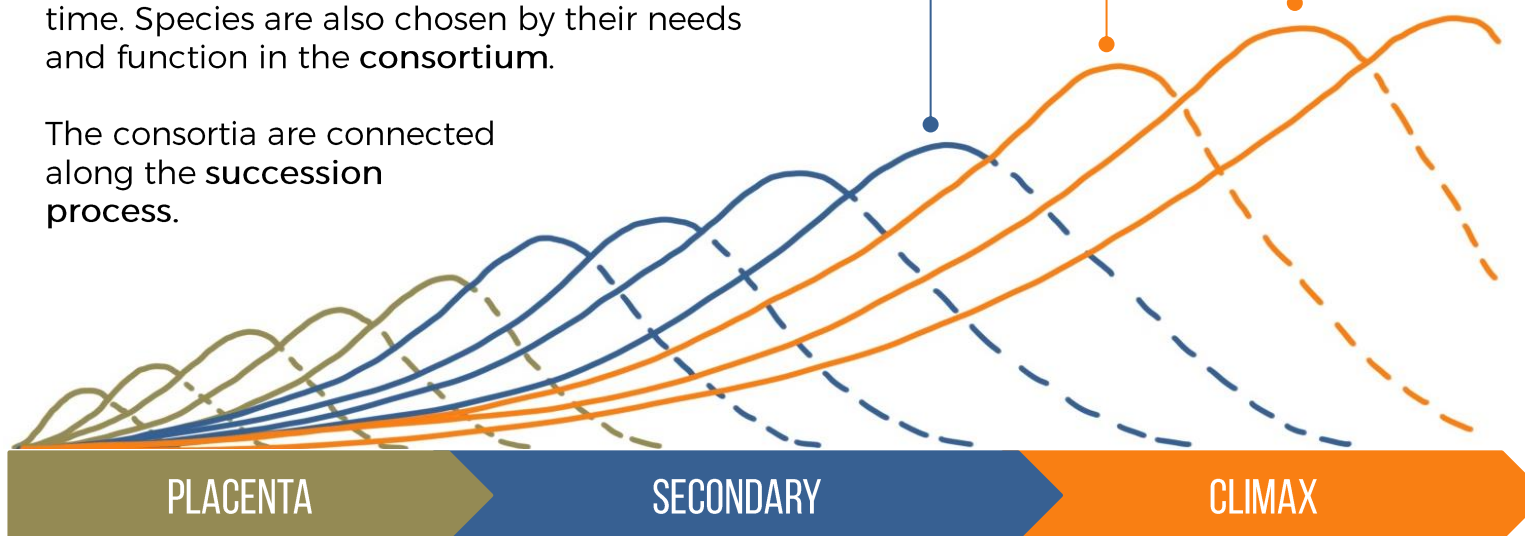


2 TO BE PLANTED IN TIME...



We choose species that have asynchronous life cycles, so when planted at the same time, each species has their individual peak time. Species are also chosen by their needs and function in the **consortium**.

The consortia are connected along the **succession process**.



BROUGHT TO YOU BY

INHOTIM

Inhotim celebrates the partnership with Agenda Gotsch and believes that Syntropic Farming is an approach that makes a difference.
www.inhotim.org.br



... is where you find information about the teaching and consultancy work of Ernst Götsch.
www.agendagotsch.com

LIFE IN SYNTROPY

... is a knowledge platform that publishes - in close collaboration with Ernst Götsch - open learning materials about Syntropic Farming.



Learn more about Syntropic Farming:

www.lifeinsyntropy.org
explore@lifeinsyntropy.org

