

POTENTIAL CONCEPTS OF AN ALGAE FEDERATION

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Introduction

Conclusi

IDEA envisions the development and enrolment of economic viable value chains based on micro-algae in NW-Europe. The numbers of algae growers is increasing, as is the need for information (like market information and information about the algae growth) and the need to cooperate.

Aim of the study =

- Evaluating potential forms of algae farmers groupings
- Formulate an advice for algae farmers that want to cooperate within an official and structured way
- Cooperation is the key to multiplication
- > Top 3 collaboration concepts:
 - Federations
 - Cooperatives
 - Contract farming
- Important aspects:
 - > Trust

Win-win collaborations



Potential collaboration concepts

Based on a desktop study, different forms of cooperation already implemented in agriculture were evaluated. The top three forms of collaboration being federations, cooperatives and contract farming, are detailed in the table below. In addition, knowledge centres could be interesting to bundle and reinforce knowledge and can send out experts when growers encounter problems. Help with novel food dossiers could be offered as well by the cooperation.

	Federations	Cooperation	Contract farming
Definition	An organization, comprised of a of smaller	A cooperative is an autonomous association of	An agreement between an integrator and a grower
	organizations or companies to bring attention to	porsons united voluntarily to most their	for agricultural production of plants or animals of

	organizations or companies, to bring attention to issues that are of importance to its members. Each member maintains control over its own operations.	persons united voluntarily to meet their common economic, social and cultural needs and aspirations through a jointly-owned enterprise.	for agricultural production of plants or animals of marketable size at the right volume and right time. The integrator steers this based on his market knowledge and buys the marketable product.
Scope	 Representing members Taking care of some challenges Studying existing laws Lobbying at government level Representation at events Drawing attention of the general public Working out a quality label and benchmarks for the quality Support at novel food dossiers 	 Invest in expensive tools & machinery for common use Cell disruption equipment Drying equipment Spare crucial equipment Trucks collecting algae at algae farms → central processing Joint commercialization of algae biomass - product development Joint submission of novel food dossiers 	 buys the algae back from the farmer Contracts are various and can describe product specifications, quality, quantity, supply date, price and others
Pros	 Structured way of collaboration Written rules: less room for discussion Lobbying = impossible at personal level Time saving (common work done once by experts) Visibility as a growing business 	 Structured way of collaboration Written rules: less room for discussion Spreading costs and risks among partners Market power (market knowledge promotion and investments) Joint research => differentiate Dividends can be paid to members 	 Structured way of collaboration Written rules: less room for discussion Interesting formula for (starting) algae farmers and buyers: price, quantity and quality guaranteed Limited market knowledge needed
Point of attention	 Clear procedures for joining or leaving Staffing Communication Time commitment: lots of work Trust among each other - Transparency 	 Shared mission Clear procedures for joining or leaving Staffing Communication Trust among each other – Transparency Market focus (local – EU- global) 	 The contracted price depends on the risks the partners are willing to take. More risks = more price fluctuations Less room for innovation as integrator decides a lot Loss of market knowledge
Examples	EABA, spirulina federation in France, BIFF, IPIFF.	Milk and wine cooperatives, DAG.	Pig and chicken breeding

