

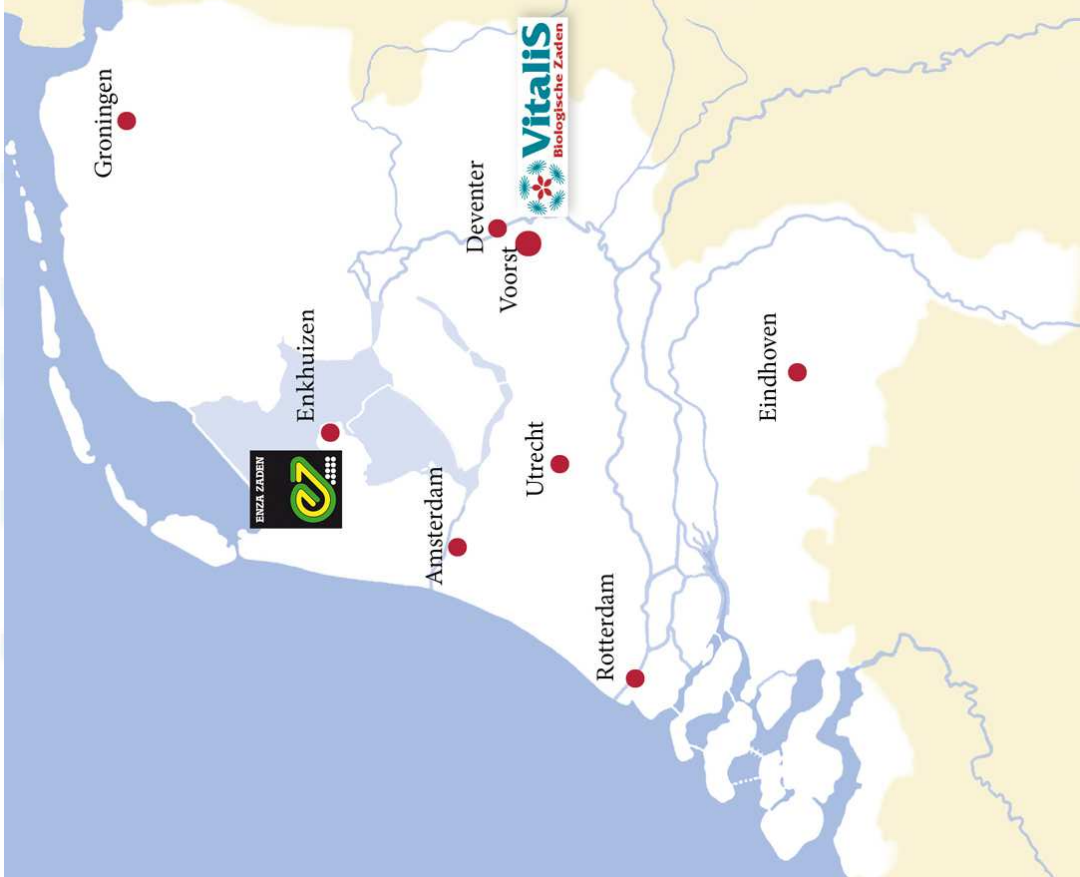
Creating an organic world

Vitalis Organic Seeds
start 1994
Subsidiary of Enza Zaden



COST is supported by
the EU Framework Programme
Horizon 2020





Location Voorst total 11 hectare



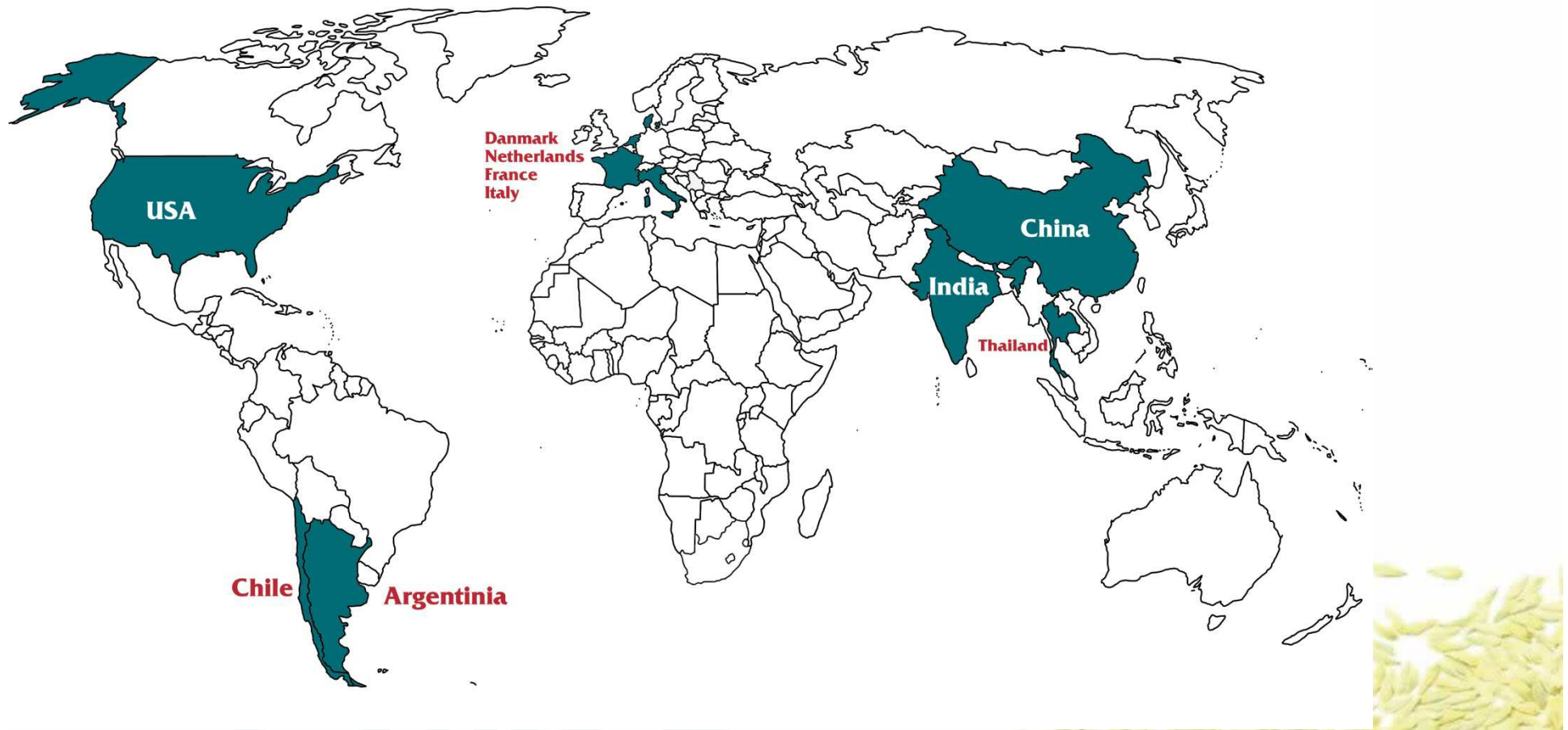
Core activities



1. Breeding and selection of organic varieties
2. Production of organic seeds
3. Developing organic seed treatments
4. Marketing of organic varieties
5. Registration of varieties in annexes

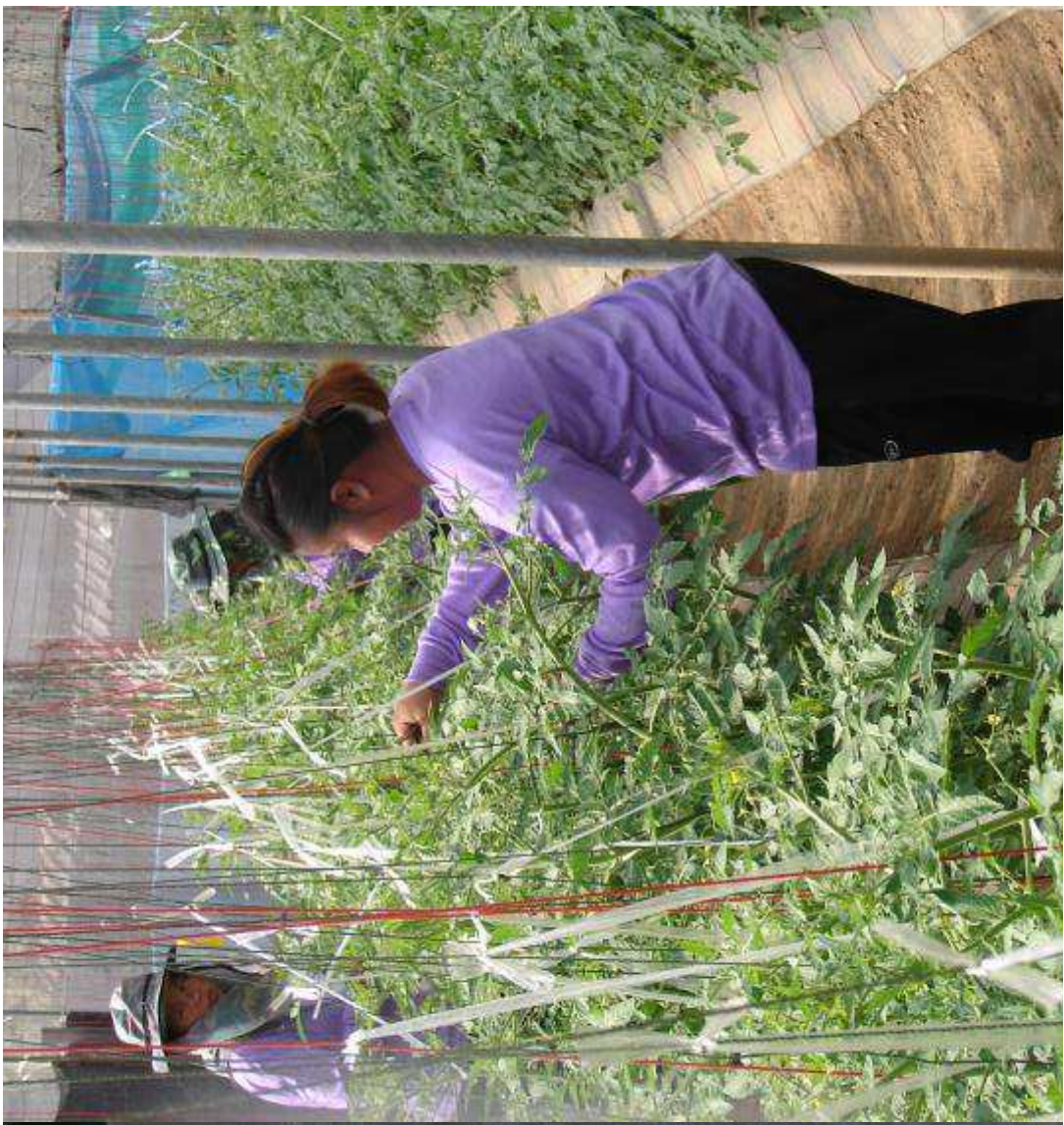


Seed production













Main crops

- Lettuce
- Cucumber
- Pepper
- Tomato
- Pumpkin
- Squash
- Spinach
- Radish
- Leek
- Endive
- Tomato rootstock
- Eggplant
- Fennel
- Kohlrabi
- Rootstock peppers
- Onion

332 varieties
24 crops



Main markets

1. NAFTA
2. Germany
3. France
4. Holland
5. Italy
6. Spain
7. Bulgaria
8. UK
9. Others



Key challenges for seed production



- Limited number of dedicated organic seed producers
- Limited number of seed production locations
- Small sector not so much colleagues

- Climate El Niño & rain in Italy
- Diseases for example pepper Leivala, trips and aphids
- Seed born diseases

- EU certificaton
- Official paper work increases lead time

- Fast variety development – short life cycle of varieties
- Keep up with the fast growing market



Bottle necks for organic seed use



- Lack of a strong regulation
- Processors counteract the use of organic seeds, for example in spinach and beans
- Lack of suppliers
- Small niches
- Price organic seeds



Annex and databases



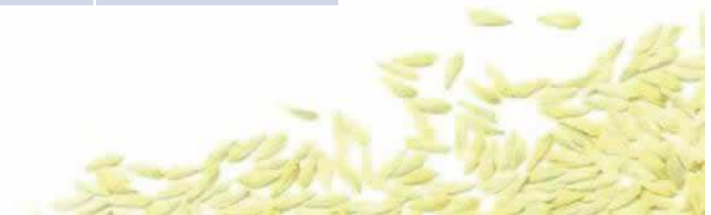
- Countries with a strong system France, Denmark, Germany, Belgium and Holland
- Countries with a moderate system UK, US and Mexico
- Countries with a weak system Italy and Spain



Category I in greenhouse crops



	DU	FR	NL	BE
Truss tomatoes			+	
LET Cucumbers	+	+	+	+
Lettuce		+	+	
Pepper red	+		+	
Eggplant				





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