



Ökowerk Emden is one of the thirteen partners of the SalFar project and has set up open air field labs for testing different sorts of halophytes. The picture above shows the main part of the 7 ha core area including the Pomarium frisiae. Next to open air field trials, some varieties of plants are also cultivated in greenhouses, see picture below.

How will the visit look like and what can be seen?

- Arrival, welcome, short description of the role of the Ökowerk within the SalFar project, visit of the main greenhouse, presentation of halophytes, explanation on production techniques, visit of the production unit of fertilizer, demonstration of different machinery (ca. 40 minutes).
- Lunch. Saline buffet organized by restaurant partner Agilio, new products/recipes (ca. 45 minutes)
- Walk through the main part of the Ökowerk, brief presentation of some projects (Silence of the bees, Pomarium), visit of the field trials and greenhouse trials in the Pomarium area, final discussion (in the Pomarium when there is good weather, otherwise in the meeting room (max. 2.5 hours).

Field labs and pilots:

- Different field test sides on an area of 500 m² in total
- greenhouse 100 m² for plant production
- greenhouse 60 m² for planting pots
- 2 new greenhouses (60 m² each)

Floating cultures

- Construction of 25 floating units
- Tests of different materials and seeds.



Field tests of different levels. Right: *Cochlearia officinalis*



Fresh and ensiled Teek, consisting of *Fucus vesiculosus* on the growth of onions

Species tested in various experiments:

1. Queller (*Salicornia europaea*)
2. Agretti (*Salsola soda*)
3. Meerkohl (*Crambe maritima*)
4. Löffelkraut (*Cochlearia officinalis*)
5. Austernpflanze (*Mertensia maritima*)
6. Herzblattsalat (*Aplonia cordifolia*)
7. Sommerportulak (*Portulaca oleracea v. sativa*)
8. Hirschhornwegerich, Minutina (*Plantago coronopus*)
9. Meerfenchel (*Crithmum maritimum*)
10. Eiskraut (*Mesembryanthemum crystallinum*)



