

Once upon on a farm, to a collobarative industry



Enable Sustainable Farming



- In the old days, the farmer relied on his own and other local farmers on knowledge. With help from the priest, the local schoolteachers, and other educated that went form town to town, knowledgee was shared.
- As agriculture became more specialized, there was a need for a common powerhouse of expert knowledge. Therefore, in 1971, the farmers' and homesteaders' associations joined forces in a joint superstructure:

 Det Faglige Landscenter.
- Det Faglige Landscenter merged in 2015 with the Knowledge Center for Pig Production. Since then, SEGES has been both itself and part of Landbrug & Fødevarer.

On 1 January 2022, SEGES Innovation P/S was established.



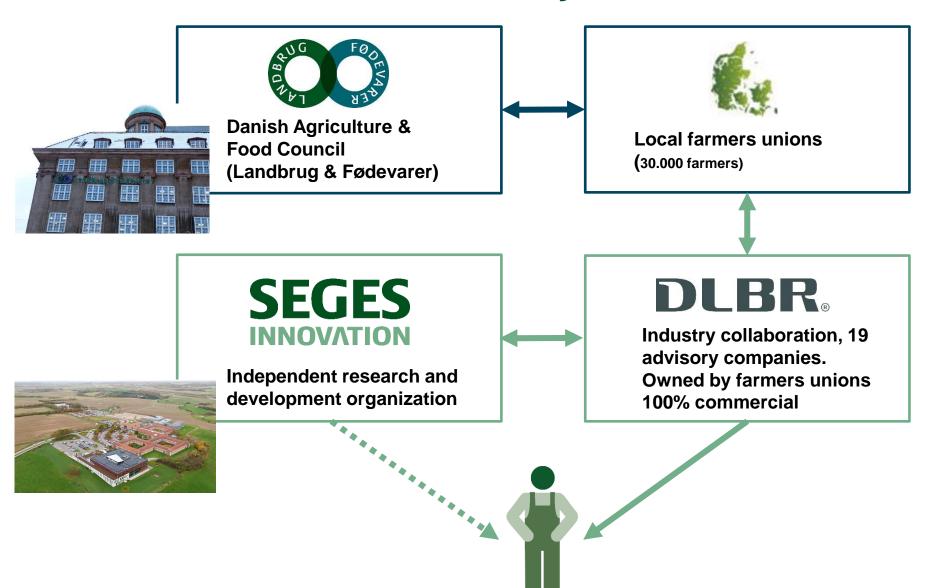


What is special in Denmark

- Long history of cooperation in agricultural sector - reaching big export markets
- Skilled farmers sharing and investing in knowledge
- High level research institutions
- Very high level of food security
- Own advisory service
- Own innovation center



Politics, Innovation and Advisory Services



Agricultural politics

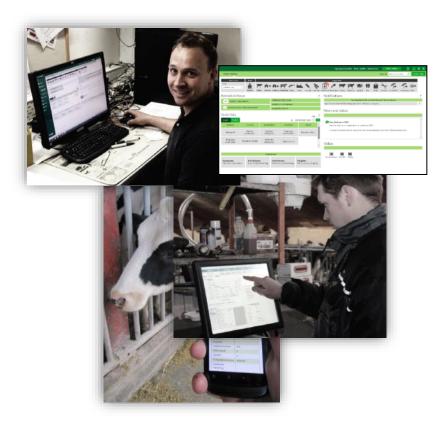
&D and advisory services



Introduction to SEGES Software – converting data and agricultural knowledge to digital solutions



Crops



Livestock



Accounting & Finance



The Crop Portfolio



FarmTracking

• The fieldworker



KemiTjek



CropManager

 The farm manager and the owner



FarmTime



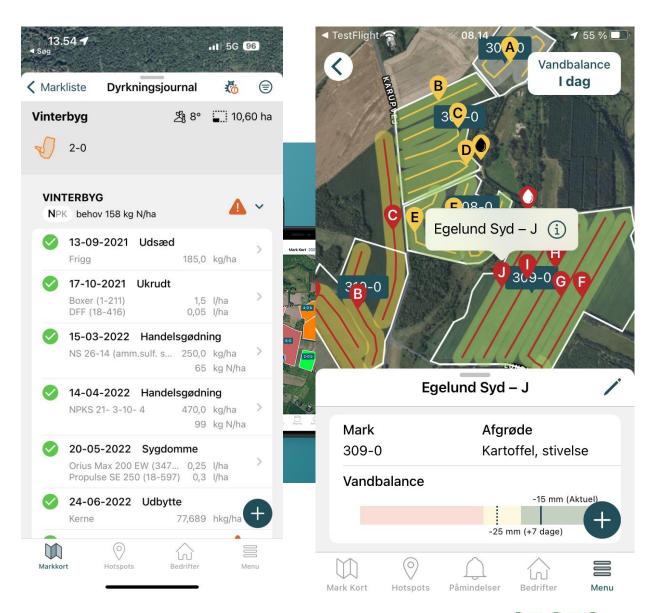
Mark Online

- The plant advisers
- The advanced farmer





- FarmTracking application have nearly reached 1,5 mill Hectares
 - 4500 daily users
 - Documentation





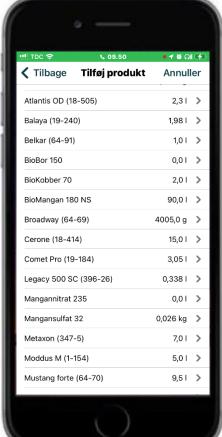
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Hectares

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- KemiTjek
 - 4000 subscribers

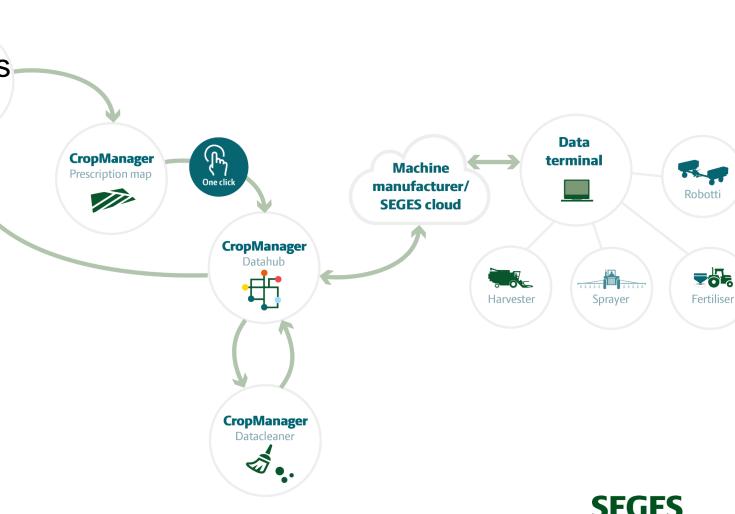




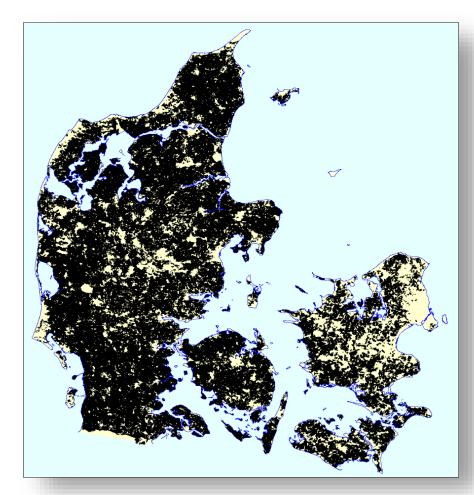




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- Precision farming is moving forward with 250,000 hectares
 - Accelerated by the precision farming legislation
- Crop advisers uses Mark Online covering 2,1 mill. Hectares
 - 500 Advisors uses the platform daily to help the farmer apply for EU subsidies and report to public authorities
 - Field, crop and fertilizer planning





Everything about the data

- Data from more that 1000 field trials each year
- Data from FarmTracking with 4500 daily users
- Data created and validated by 500 advisers
- Data communication with all major machine brands
- More than 100.000 soil samples conducted each year
- And much much more





















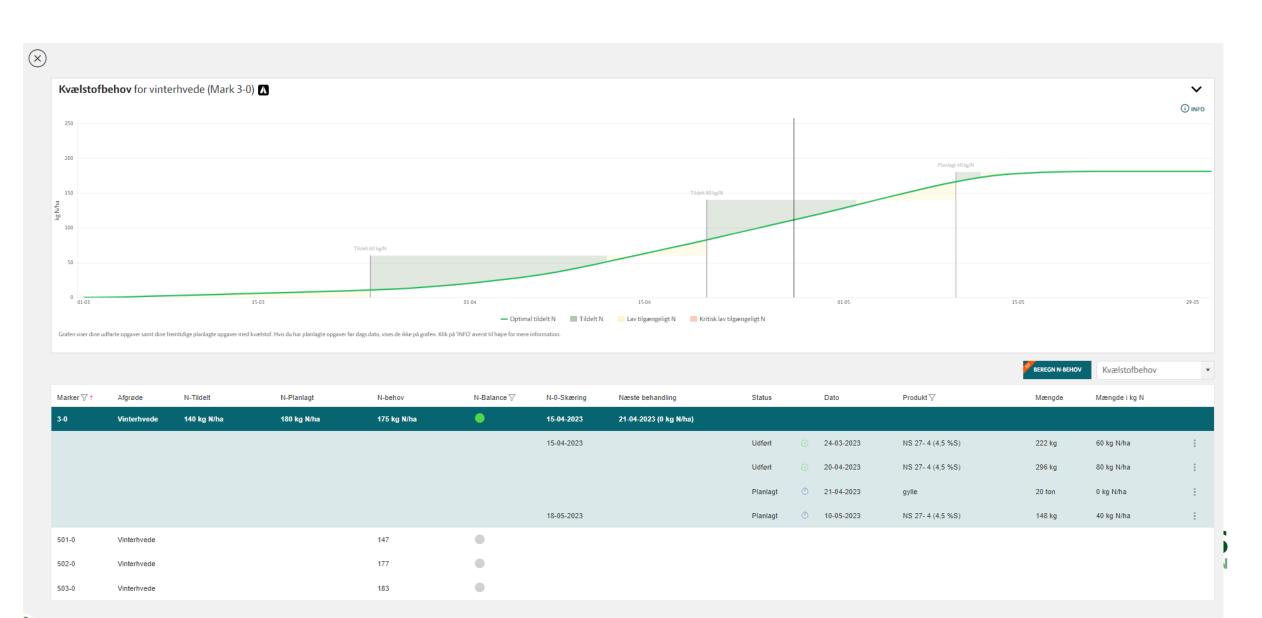




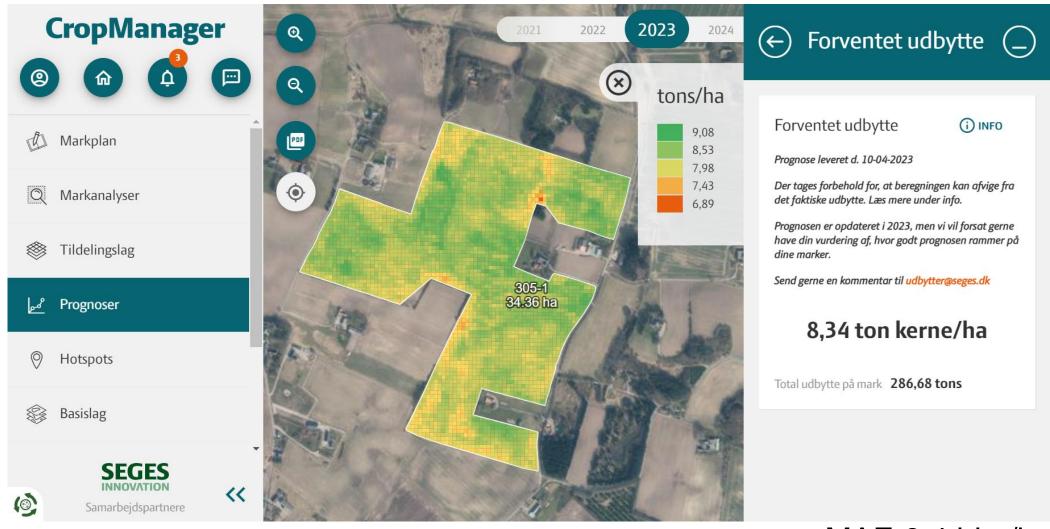




Dynamic fertilizer models – predict the crops nitrogen needs

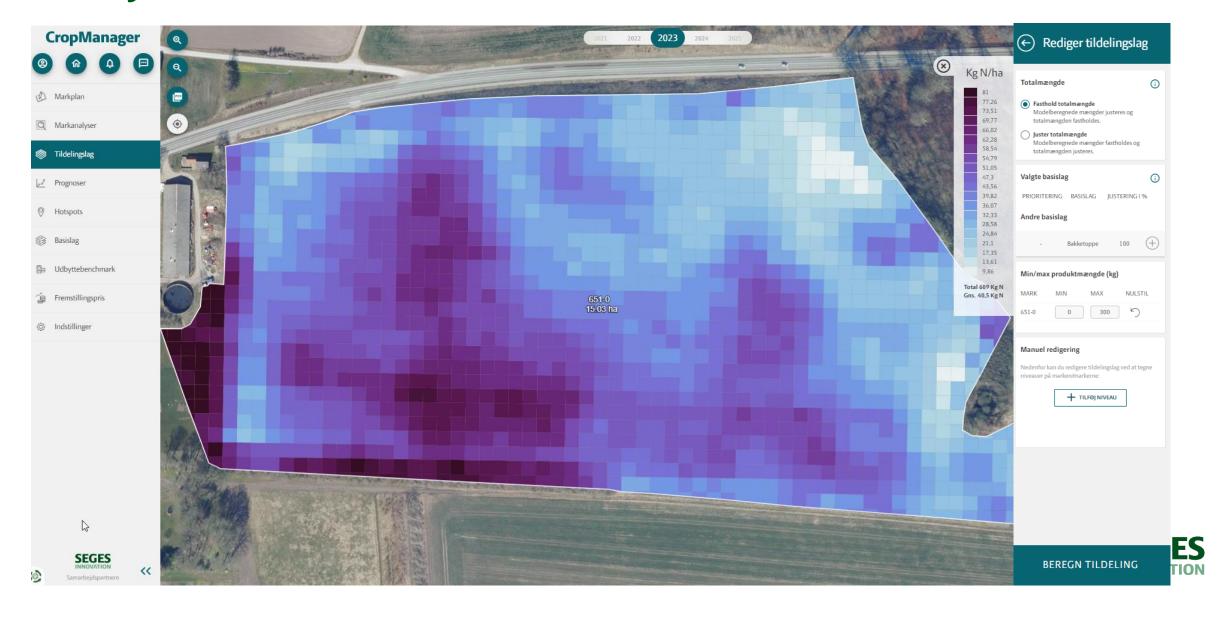


Harvest prognoses for wheat





Barley st. 30-32



Risk of lodging

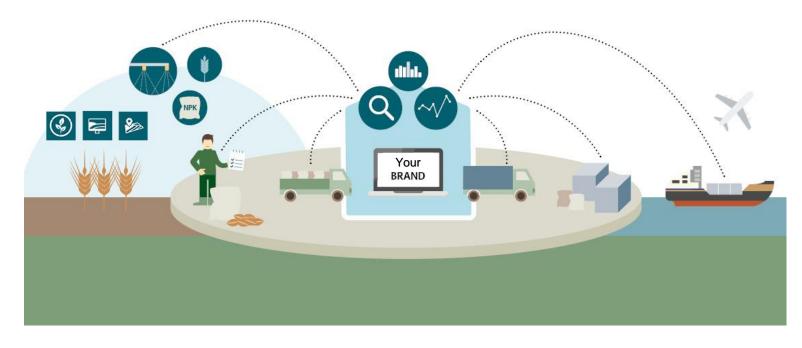




What is next

- Data communication with the Agri business
- Create and develop the TraceIT platform
 - Trackability
 - Documentation for the traded goods.
 - Optimization
- Using data to help farmers optimize even further

TraceIT







Thanks





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