• Pre breeding collaboration - before
• PPP: Public – Private Partnership on Pre-breeding in Plants
• Outcome…
• Pre breeding collaboration – before
Before:
Breeding companies, universities & sector research:
- room for “In Kind” work
SNP – Samnordisk Planteforædling
(NKJ)
- breeding
- research
- genebank
• breeding

• research

• genebank
- breeding
- research
- genebank
• breeding
• research
• genebank
• PPP: Public – Private Partnership on Pre-breeding in Plants
PPP: Purpose

- Support development of Nordic plant breeding for longsighted needs in agriculture & horticulture
  - Adaptation to climate change
  - Meeting environment goals
  - Consumer & market demand
  - Pre-competitive, strategic
PPP: Content

- Strengthening pre-breeding initiatives in the Nordic countries by supporting collaborative projects on

1) base broadening of Nordic crops
2) introduction of specific traits in adapted germplasm
3) development of efficient tools & methods
PPP: Partners

- NCM – FJLS (Fish, Agriculture, Food & Forest)
- NordGen (secretariat)
- Private plant breeding companies
- Public institutes and universities involved in plant breeding & plant breeding research
PPP: Organization

- Steering committee (SC)
  - Establish & administer PPP
  - Promote the purpose of PPP
- 2 meetings annually
  - Decide on project proposals
  - Decisions also by written procedure
- PPP-SC reports to partners
PPP-SC tasks 1:

- Develop annual budget & business plan
- Initiate and set PPP projects in action as soon as 50% private funding is assured
- Decide how project proposals shall be accepted
- Decide which projects shall be carried out
- Prioritize between project proposals
- Develop rules & guidelines on rights / obligations for collaborative project partners
- **Decide on project funding**
- Decide on project partners, budget, funding, project leader, project plan and work plan
PPP-SC tasks 2:

- Project follow-up
- Secure synergy to other relevant national & Nordic activities
- Decide on possible collaboration with non-Nordic partners
- Secure efficient communication on PPP function & activities
- Approve annual reports from projects
- Develop PPP strategy for further development of longsighted Nordic collaboration on pre-breeding
- Develop ToR for evaluation of PPP by 31st. Dec. 2013
PPP-SC construction

- 10 members:
  - 5 appointed by NCM
  - 1 appointed by Nordic universities
  - 4 appointed by plant breeding companies
- NCM appoints members after proposal from each country
- University resp. breeders, assigned PPP by (certain date), appoints resp. members
- NCM appoints chair person
- Members are appointed for 3 years
- Equal gender etc.
- Quorum at 50% of members present
- Decisions taken unanimously
PPP: Projects

- Project leader appointed
- Project plan, organization, work plan & budget
- Project leader & project plan must be approved by SC
- Must follow SC rules & guidelines re. rights & obligations
- Non-Nordic countries or partners can be included in individual projects, after decision from SC
- Rights on developed material is decided in each project by project participants
PPP: Administration

- NordGen administrative responsibility – secretary function
- SC chair, NCM & NordGen appoints a PPP coordinator
- PPP coordinator prepare SC meetings
- NordGen contract partner in projects
- NordGen responsible for reporting
- NordGen responsible for economy
- Economy follows NCM rules for institutions
- NordGen reports on PPP to partners
PPP: Time frame

• Start: 1st. Jan. 2011
  (EK-FJLS meeting 11th. Feb. 2011)
• Implemented by 31st. Dec. 2012

• What’s next?
  – Contract NCM-NordGen
  – Assign to PPP
  – Appoint SC
  – Proposals in
PPP: Economical frame

• Total frame: 8 mill. DKR per year, over 3 years

• 50% Public money
• 50% Private

• Company costs in project based agreements, as a part of the project budget
PPP: Which projects?

- Initiatives from plant breeding, - no open calls for research; scientific assessment
- 50/50 funding, contribution in-kind possible, - performance at universities/institutes preferred
- **Start with 2 pilot projects, - on barley and forages**
- Pre-competitive, - ie. 2 of 3 possible companies as partners
- Nordic profile
• Outcome…
• “Connected” chain in our region
  conservation – science - breeding - market
• Flow of pre-breeding/breeding projects
• Adapted seeds for Nordic/Baltic region

• Important to “communicate the value”
NordGen - activities

• Acquire / collect
• Regenerate
• Conserve
• (Characterize, evaluate)
• Document

• …. Promote utilization

• Impact…. 
NordGen user statistics

**Transactions**

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Delivered material 2010
Purpose of use 2010

- Research Basic
- Private, non-commercial
- Research Applied, F&A
- Demonstration Museum, Bot. Garden etc
- Training F&A
- Breeding F&A
- Training Not F&A
- Production Commercial purpose
- Research Applied not F&A
- Conservation Genebanks
NordGen WG’s?

– WG Cereals crops
– WG Forage, oil & technical crops
– WG Vegetables
– WG Fruit, berries & ornamentals

WG activities to provide input to PPP proposals & projects?
Commercial.....

NEW Cereal Book
- Åsmund Bjørnstad
- Partly funded by NMR
- NordGen assisted
- English version in preparation...
Thank you for your attention!