des Deutschen Bundestages



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DemoNetErBo









Demonstration and knowledge transfer network for expanding and improving cultivation and utilisation for field peas and beans in Germany

Ulrich Quendt, Landesbetrieb Landwirtschaft Hessen, Germany – representing all 17 project partners (see at the bottom)

Background

- > peas and beans are valuable field crops: improve soil quality and crop rotations, fix nitrogen, reduce plant protection and energy input
- > nutritious feed and food, source for protein and energy, GMO-free
- > scientific and experience-based knowledge is already available
- > BUT: less than 2-% of the agricultural area of Germany is cropped with legumes and 4.5 m tons of soybean meal are imported for feed

Overall aim

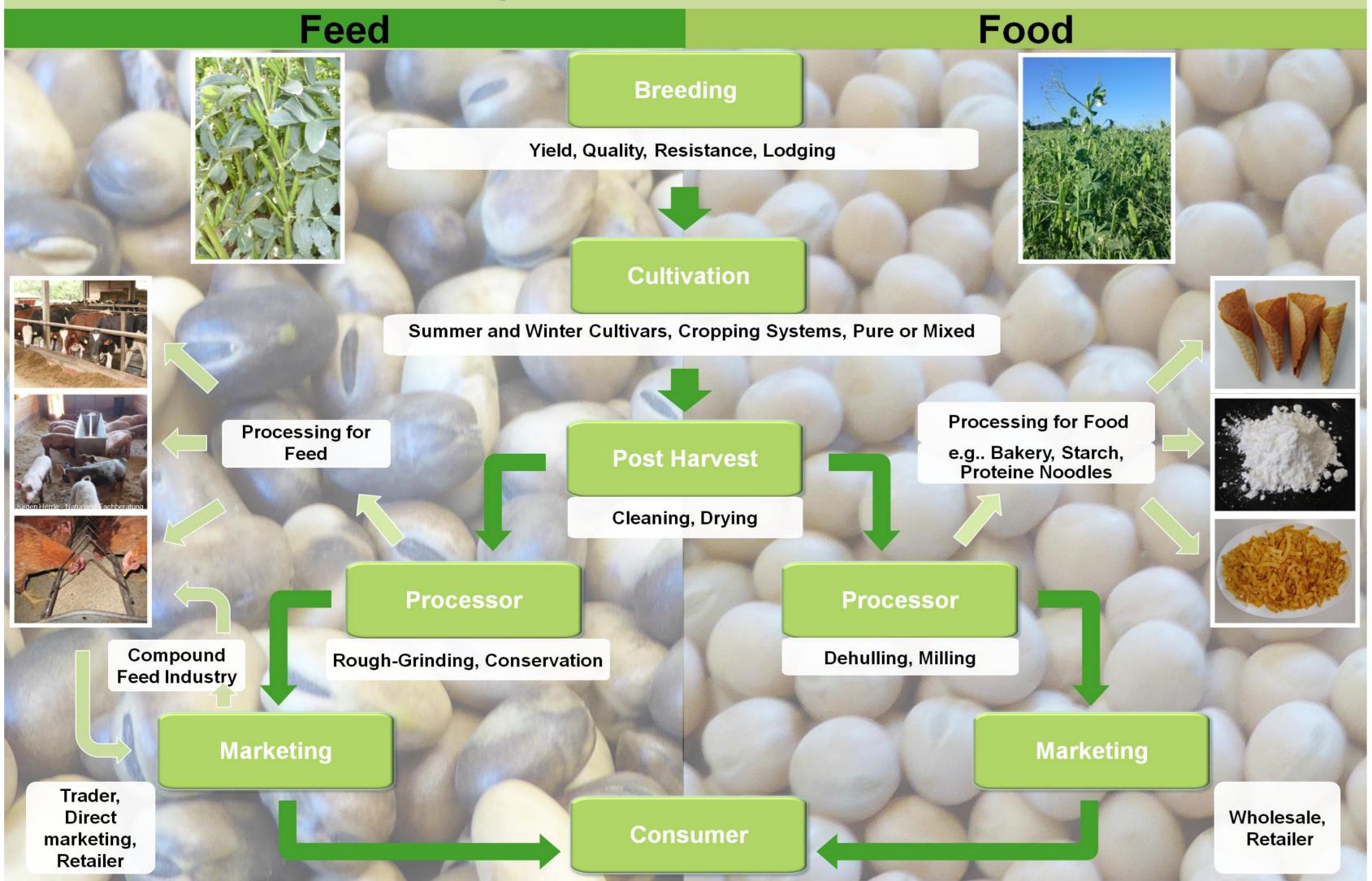
- > supporting and enhancing cultivation and usage of peas and beans at local and national level
- > showing benefits of legumes at every stage of the value chain
- > reducing of the dependency on imported soybean meal

Demonstration network and knowledge transfer

- > establishing a demonstration network of farms which grow and feed peas and beans since at least more than 5 years
- > consisting of 45 conventional and 30 organic farms
- > transfer of knowledge to interested stakeholders by field days, conferences, lectures, newsletters, press and webpage articles
- > communicate new scientific results
- > gather agricultural and economic data of the farms
- > agricultural extension service for cultivation and feeding
- > cooperation and integration of ongoing legume projects at national and EU level

Field bean conventional Farms of the network ▲ Field bean organic + Field pea conventional CHLESWIG-MECKLENBURG-+ Field pea organic NIEDERSACHSEN Brandenburg NORDRHEIN-SACHSEN-ANHALT WESTFALEN Düsseldorf SACHSEN HESSEN Thüringe RHEINLAND SAARLAND BAYERN BADEN-WÜRRTTEMBERG

Value chains for field peas and field beans in different sectors



Integrating the whole value chain

- > from plant breeding to consumer
- > connect farmers and processors
- development of sales markets
- > organise stakeholder workshops
- > support new innovations in the feed and food sector
- contact platform for different industrial partners
- > identify quality parameters

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