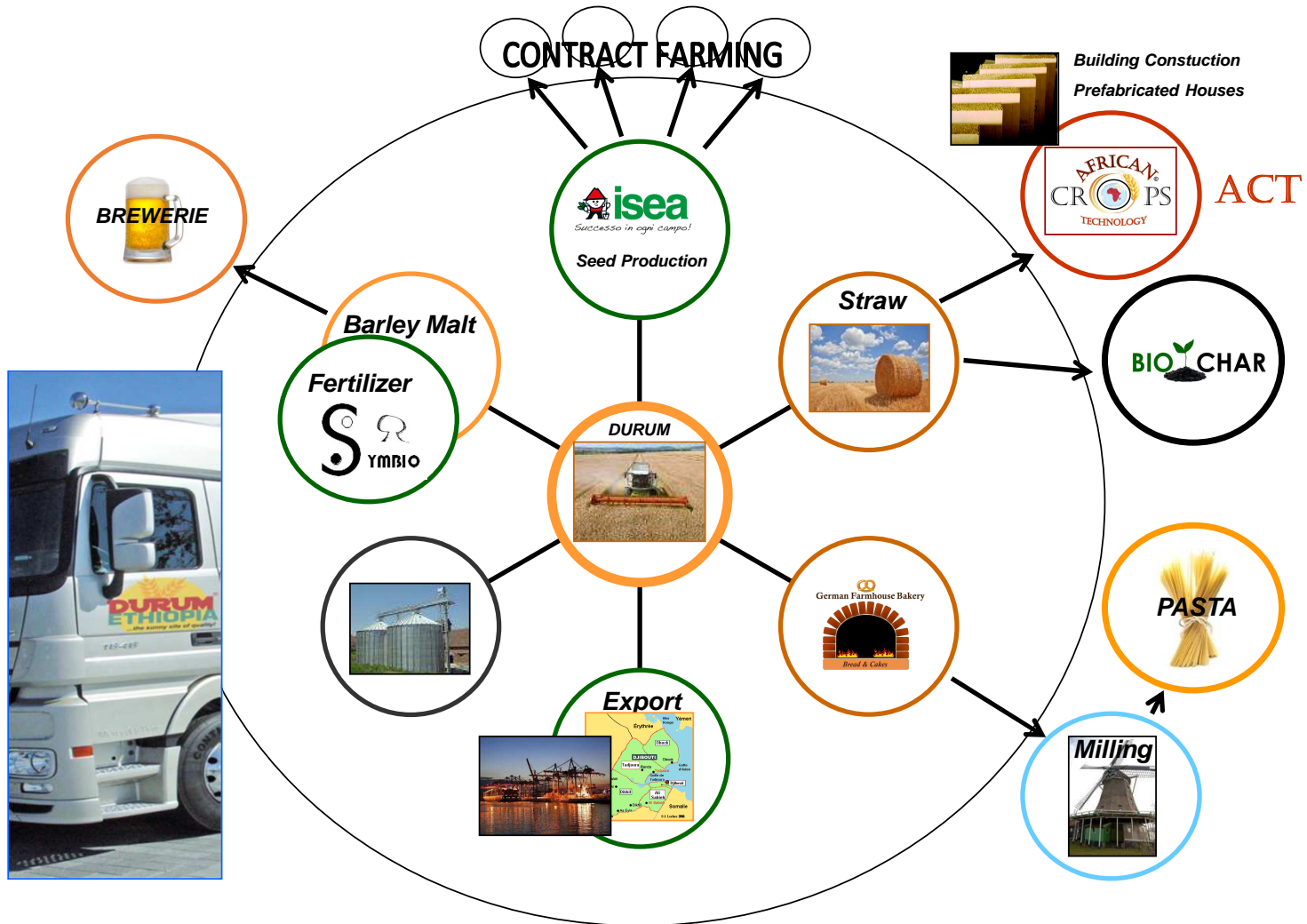


VALUE ADDED SYNERGIES





DURUM, the product:

The growth of the world population and thus the increasing per capita consumption of e.g. pasta is responsible for the constantly growing international demand for durum wheat. In addition, the decline in yields per hectare in the established growing countries is leading to shortages due to climate change. As the country of origin of durum wheat, the Ethiopian highlands offer the best conditions worldwide for high-yield durumcultivation due to their favourable climate. Another advantage is the location, that entails transport-favourable proximity to the main consumer countries, such as the Middle East and Turkey. Last but not least, the EU has an import requirement of 2 million to/p.a. These countries have so far covered their needs by imports from Canada and the Black Sea region, where higher transport costs occur.

Agreement between farmcoach-systems B.V. and ISEA S.p.A.

**in following the same vision together in best
partnership:**

We consider the development of agriculture of primary importance in the economy, for the benefit of the community, the environment and the territory.

We consider the quality and sustainability of the product as the starting point of our research



The core of the agricultural team sums up over 100 years of experience in the operation of agricultural grain production and processing. Therefore, the establishment of a domestic value chain for further processing of 20% of the grain production in Ethiopia is projected! The export will be handled through a dedicated terminal in Tadjoura Port.



Photo: PETKUS Technologie

Partial concept - Seed treatment plant

Empora is developing a sustainable concept for large-scale grain production with durum wheat and Malting Barley and as well under **contract with small farmers** in the Arsi/Oromia region of Ethiopia.

The project will improve food and food security and farmers' incomes through increased agricultural productivity and value creation by exploiting all synergies arising from diversification.

In order to be able to produce sustainably certifiable commodity products, ecologically with high yields, seeds of certified varieties with the best technical quality, purity and germination capacity as well as genetic performance (yield) are required.

The provision of the grain seed required for local cultivation in Ethiopia is therefore the aim and purpose of the domestic seed production focused on by the project, in order to replace the expensive Ethiopian seed imports.



Photo: PETKUS Technologie

The following measures are therefore planned to supplement the value chain.

1).capacity building for the inspection and certification of cereal seed

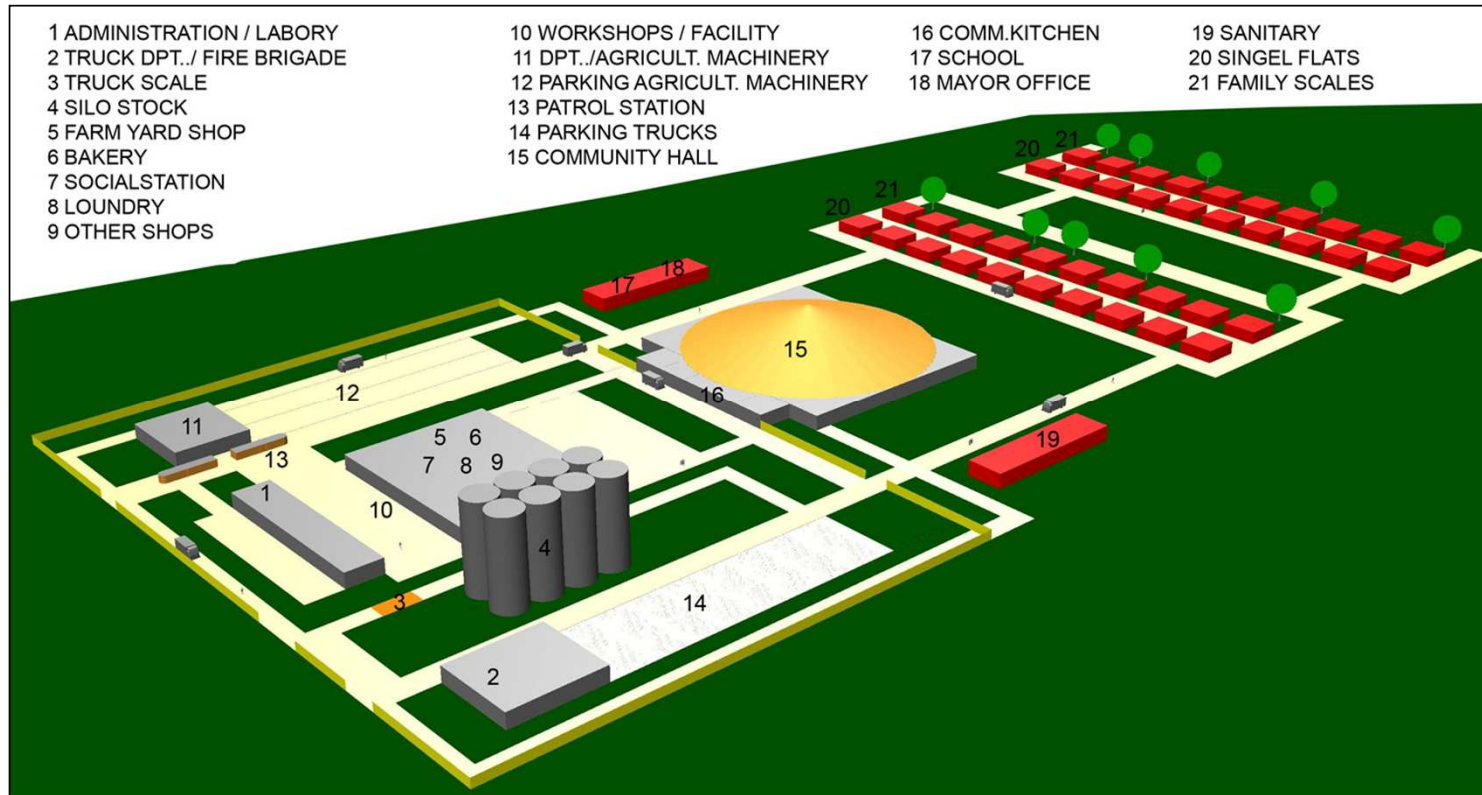
2.) Establishment of a central **seed production plant** for the processing of licensed breeder's basic and certified seed and exportable commodity goods with an affiliated quality laboratory, efficient storage with conveyor technology in the line to ensure quality and quantities.

Within the framework of the 10-year investment planning, the gradual cultivation of 500,000 freely available cultivation areas in revolving system of 300 ha per week/week will be completed in the final phase.

To ensure maximum yields, approx. 75,000 tons of seed/year must be available for production. The contractually bound farmers use this to grow the required seed on more than 15,000 ha under Empora's management. All in all, seed production thus forms the core element of the entire value chain and therefore requires an integrated investment sum of 4-5 million USD (per investment). To use this maximum capacity as described above 2-3 of these plants are needed.



Model lay-out - Farmyard





our MISSION **SDG**

empora[®] ETHIOPIA - BEST OF INVEST COMPLIANCE



WE OPEN THE WAY

To a socially acceptable Future!



We take care for enough seed ut we keep **loyalty to the soil !**

We are sowing for Ethiopian crops!



As contribution to Ethiopian`s participation in the awakening of the global community of values in compliance with SDG



A warm welcome to the 2nd Land Inspection



Curios shepherd boys



INFLUENCE
With
ADVANCED
KNOWLEDGE
IS
OUR
STRATEGY