Breeding progress is key to competitiveness.

Investment in innovation is crucial.

Sugarbeet: Fit for 2017

1. Chance: yield increase
   - Yield increase
   - 16% sugar content
   - 1995: 72 t/ha
   - 2015: 83 t/ha
   - Beet acreage: 1.6 m ha
   - New varieties in official trial system in Germany.

2. Chance: yield security
   - Root yield: 72 t/ha
   - Healthy beet
   - Nematodes: resistant
   - Rhizomania: sugar content: 16% 1856
   - Close crop rotation: 3 years
   - Climate change: up to -30% t/ha
   - Rising pest and disease pressure

3. Chance: growing sales opportunities
   - Yield increase 21%
   - Sugar content: 16%
   - Healthy beet
   - Sugar consumption: 5-6 Mt/year
   - Other types of use: bioplastic, bioethanol, biogas
   - Sugar production costs: the gap is closing

4. Chance: efficiency in field and factory
   - Sugar production costs:€/U
   - Sugar recovery: improved
   - Sugar cane vs. sugar beet
   - Efficiency in field and factory

Investment in innovation is crucial.