What is *agri benchmark*?

- What drives global agriculture and where production is heading to.
- Combine a “down-to-earth-approach“ of typical farms with product specific expertise in sectors, markets and trade.
- Expertise is based on the cooperation of international scientific partners and their domestic advisors and growers.

- **Principles:** Independent, non-political, non-profit
- **Coordination:** von Thünen Institute (German Federal Research Institute) and DLG (German Agricultural Society)
- **Funding:** vTI, & industry partnerships & research projects
Countries in *agri benchmark* Cash Crop

Crops in the comparison:
- Corn
- Soybeans
- Wheat
- Sugar beet
- Rice
- Rapeseed
- Oats
- Rye
- (Malting) barley
- Sunflower
- Sorghum
- Cotton
- Peas
- Beans
- Palm oil

**Pipeline:**
- Countries participating in *agri benchmark* Cash Crop
- Priorities for new countries
**agri benchmark Cash Crop – Partners (I)**

### Europe

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# agri benchmark  Cash Crop – Partners (II)

## South America

- Brazil
- Argentina / Uruguay

## Asia

- China
- Malaysia
- Vietnam
- Kazakhstan
- Thailand
- Japan

## Africa

- Tunisia
- South Africa
- Morocco

## Transoceanica

- Australia
What is a Typical Farm

A typical farm...
- represents the origin of a major share of the national output in a given crop
- can not be identified with an existing farm
- is defined by a certain production system and a combination (if any) of enterprises
- has certain structural features re. ownership of land as well as labor organization (family vs. hired)

A standard operating procedure (SOP) to define typical farms was developed and is used by all partners involved.
Selection of Regions

Hot spots in wheat production

Share of wheat acreage in total arable land (in %)
Data on Cropping Systems – Example: Malting Barley in Western Australia

AU4000WB+ - barley (malt) after wheat

- **Seeding**
- **Harvest**
- Nitrogen (min/org)
- Phosphorus (min/org)
- Potash (min/org)
- Other Nutrients (min/org)
- Hericides
- Fungicides
- Insecticides
- Other Pesticides
- Irrigation
- Lime Spreading
- Other Tillage
- Seedbed preparation
- Transporting
- Stubble tillage
- Plowing
- Swathing
Knowledge is our Business

Dr. Yelto Zimmer
- Head of agri benchmark Cash Crop team -

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