

Public-Financed Agricultural Research in Germany

100% Federal

50% Fed. / 50% State

100% State

11 Federal Research Institutes

FAL	Agriculture
BAFF	Meat Products
BAGKF	Starch and Fats
BAM	Dairy Products
BAZ	Plant Breeding
BBA	Plant Diseases
BFAFI	Fishery
BFAV	Livestock Diseases
BFE	Nutrition
BFH	Forestry
BfR	Consumer Protection

6 Agricultural Research Centres

ATB	Agr. Landscape
DFA	Food Chemistry
FBN	Livestock Research
IAMO	Agr.in the CEEC
IGZ	Horticulture
ZALF	Agr.Landscape

10 Universities with Agricultural Faculties

Bonn	Halle
Berlin	Kiel
Göttingen	Kassel
Gießen	Rostock
Hohenheim	Weihenstephan

Technical Colleges

Bernburg	Neubrandenburg
Bingen	Nürtingen
Dresden	Osnabrück
Kassel	Soest
Kiel	Weihenstephan

State Research Institutes

In almost each state

Federal Agricultural Research Centre (FAL)

The Federal Research Centres under the Federal Ministry of Food, Agriculture and Consumer Protection are ***providing scientific foundations for assistance in decisions regarding*** nutritional, agricultural, and forestry policy as well as consumer ***policy***, and ***extending scientific knowledge*** in these fields for the sake of public interest.

In the pursuit of these goals, the Federal Research Centres are ***scientifically independent***.

(Extract from the statutes of the FAL)

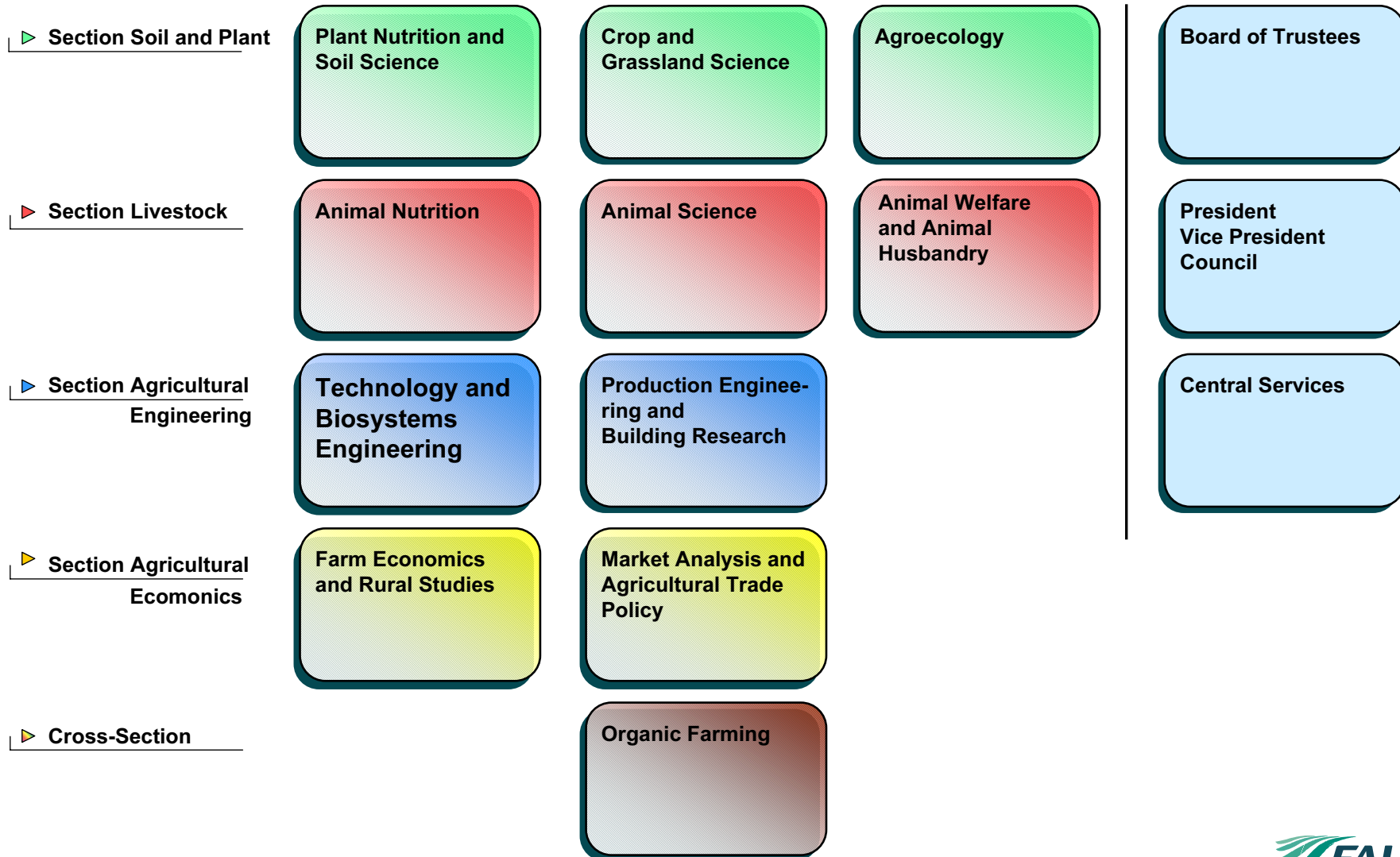
History

- 1947** Foundation of the „Agricultural Research Centre“ (FAL) on the grounds of the former German Research Centre for Aviation
- 1966** Transfer of the responsibility for the FAL from the state of Lower Saxony to the Federal Republic of Germany
- 1974** Integration of the Federal Research Centre for Small Animal Research (Celle) and the Max-Planck Institute for Animal Breeding and Nutrition (Mariensee and Trenthorst)
- 1992** Integration of parts of former East German institutes into the FAL (Müncheberg, Merbitz)
- from 1996** Reduction of the number of institutes (from 16 to 9) and the number of employees (from 850 to 590 permanent posts)
- from 2000** Foundation of 2 new institutes (organic farming, animal welfare and animal husbandry)

Main Fields of Work

- Production of High-Quality Food
- Competitive Agricultural Production
- Protection of Natural Resources
- Environmentally Compatible Agriculture
- **Renewable Resources**
- Development of Rural Areas
- Animal Welfare
- Organic Farming

Structure of the FAL



Resources

- **11 institutes**
- **4 locations in Northern Germany** (Braunschweig, Mariensee, Celle, Trenthorst)
- **140 scientists in permanent posts**
(natural scientists, socio-economic scientists, engineers)
- **280 visiting scientists and scientists in temporary posts**
- **500 employees in laboratories, experimental stations, data processing, etc.**
- **Part of the Research Region Braunschweig** (University, BBA, PTB, GBF, etc.)
- **Cooperation with numerous universities** (Lectures, Diploma, PhD, etc.)
- **Cooperation with research institutions in 56 countries**

Output (per year)

- **> 800 publications**
- **> 300 unpublished statements** (mainly for BMELV)
- **> 800 conference papers**
- **> 3,000 visitors**
- **> 45 courses at 16 universities**
- **15 doctorate degrees**
- **Editing and publication of 2 scientific journals**
- **Representation of Germany in international committees**
- **Leading functions in numerous national committees**
- **Forum for about 200 events, conventions, and conferences**

Institute of Technology and Biosystems Engineering

Anaerobic Digestion - Research Areas -

Biological Degradability	Process Development	Co-Fermentation	Mono-Fermentation
<ul style="list-style-type: none"> - Energy crops - Agricultural Residues - Industrial Wastes - Municipal Wastes - Biomaterials 	<p><u>Reactors</u></p> <ul style="list-style-type: none"> - Stirred Tank - Sludge Blanket - Fixed Bed - Hybrid Systems <p><u>Processes</u></p> <ul style="list-style-type: none"> - One-stage - Two-stage - Multi-stage <p><u>Gas utilization</u></p> <ul style="list-style-type: none"> - Gas upgrading - Fuel cell application 	<ul style="list-style-type: none"> - Substrates - Substrate Mix - Maximum Loads - Pollution Reduction - Mass Balances - Energy Balances - Process Assessment 	<ul style="list-style-type: none"> - Manure Treatment - Wastewater Treatm. - Biowaste Treatment - Renewable Resources - Process Assessment

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