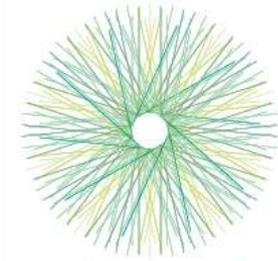


# EIP-AGRI Workshop 'New value chains from multifunctional forests'

10-11 November 2016 – Vienna, Austria



eip-agri  
AGRICULTURE & INNOVATION



funded by





## EIP-AGRI Workshop 'New value chains from multifunctional forests' Day 1: Thursday 10 November 2016

8:00 – 9:00 Registration

### Setting the scene

- 09:00 – 10:00
- Welcome  
*Antonella Zona, Directorate-General Agriculture and Rural Development, European Commission*
  - Concept and objectives of the workshop  
*Robert Mavsar, European Forestry Institute*
  - How are we going to work together?  
*Mark Redman, EIP-AGRI Service Point*

### Showcasing new value chains case studies

10:00 – 12:00 Exchange Platform (including coffee and networking time)  
*Posters and discussions in small groups..*

12:00 – 13:15 Interactive discussion in World Cafe format about the innovative value chains presented at the exchange platform  
*Discussion in groups*

13:15 – 14:30 Lunch

### Parallel break-out session I: Practical challenges and opportunities for new value chains

14:30 – 16:00 Break-out session  
*Interactive group discussions on the challenges and opportunities to make the value chains a success.*

16:00 – 16:30 Coffee break

16:30 – 17:30 Feedback from the break-out sessions  
*Rapporteurs from the breakout groups will present the main conclusions from the discussions to all the participants in a plenary session.*

20:00 Networking dinner



## EIP-AGRI Workshop 'New value chains from multifunctional forests' Day 2: Friday 11 November 2016

### Opening of Day 2

- 08:45 – 09:15
- Message from the host organisation  
*Gerhard Mannsberger, Head of the Forestry Division of the Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management*
  - Summary of conclusions from Day 1  
*Robert Mavsar, European Forestry Institute*
  - Introduction to Day 2 programme  
*Mark Redman, EIP-AGRI Service Point*

### Introducing EIP-AGRI Operational Groups

- 09:15 – 10:45
- Opportunities offered by EIP-AGRI Operational Groups in connection with the EU Forest Strategy  
*Dan Burgar-Kuzelicki, DG-AGRI*
  - **Practical experience of setting up and running an Operational Group**  
*Ludger Linnemann, ENU-Wheat (DE)*  
*Christophe Chauvin-Droz, OUI-GEF (FR)*

### Parallel break-out session II: Inspiration for new forestry Operational Groups

- 10:45 – 12:15
- Break-out session  
*Interactive group discussions on how EIP-AGRI Operational Groups could help to support the establishment of new value chains from multifunctional forests.*
- 12:15 – 13:00
- Feedback from group discussions
  - Closing remarks
  - Evaluation of workshop
- 13:00
- Light lunch and goodbye

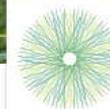


# ENU-Wheat

**More sustainable and environmentally compatible wheat value Chains**

**Dr. agr. Ludger Linnemann**

**FORSCHUNGSRING**



# More sustainable and environmentally compatible wheat value chains



## Practical problem

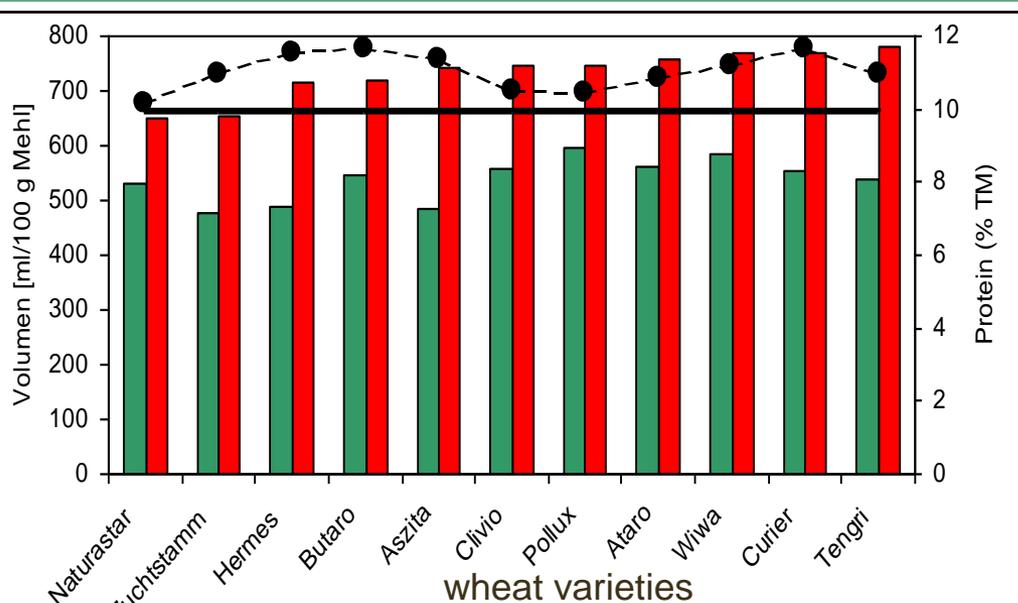
- **Problem description:** farmers are involved in the enrichment of nitrate in groundwater.
- High wheat kernel protein requirement (mill, bakeries). 13-14%. Wheat is paid by protein content!
- Fertilizing  $\sim 230$  kg N/ha to reach high wheat kernel protein content (farmers):  $\sim 60$ kg N/ha remains unused in soil!
- **Questions and Conclusion:**  
Is the need of high protein demand still justified? Do the common quality-tests meet the problem? The farmers allone are unable to act!



# More sustainable and environmentally compatible wheat value chains

## Solution approach

- Integrate and discuss an innovation by members of all affected parties and build an Operational Group.
- Innovations should be plausible and already tested: Lowering nitrogen-fertilizing down to 170 kg/ha. Increasing wheat protein-quality with suitable varieties.
- Example: Plausibility is demonstrated by an optimized breadmaking test which shows, that less protein is needed than the demand says (see left diagram).



# More sustainable and environmentally compatible wheat value chains

## Finding Partners

- Among primary producers - take into account their existing dependency to traders as well as customers of the traders.
- Its best to inform the partners personally about the project aims and the innovation.
- Example: With wheat, farmers depend on the mill. Lead partner must ensure agreement on price between farmers and customers (mill).
- In the project the lead partner has to make sure that all partners follow all project agreements.
- Rules about handling with competitors or prices should be agreed in a contract.



FORSCHUNGSRING

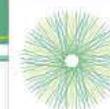


JUSTUS-LIEBIG-  
UNIVERSITÄT  
GIESSEN

MGH  
GUTES AUS HESSEN GmbH



H. Thylmann GmbH & Co. KG  
Kilianstädtermühle



eip-agri  
AGRICULTURE & INNOVATION

# More sustainable and environmentally compatible wheat value chains

## Partners:

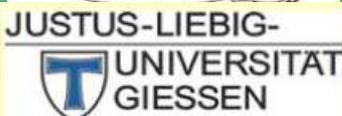


- **Leader partner:** Organizes and controls the project plans and aims.
- **Farmers around Frankfurt:** Grow special wheat with only 170 kg N/ha of fertilizers for the mill.
- **Miller:** Produce baking flour out of the special wheat for selected bakeries.
- **Researchers:** Help farmers to fertilize in the best way. Test and analyze the wheat quality.
- **Bakeries:** Produce bread out of regionally, sustainably produced wheat.
- **Certification:** Carry out business controls to ensure consumers get what they are promised.

FORSCHUNGSRING



H. Thylmann GmbH & Co. KG  
Kilianstädtermühle



# More sustainable and environmentally compatible wheat value chains



## Project proposal

- First, an **innovation** is needed. Secondly contact the **local administrative authority** of the EIP-AGRI program.
- Describe the innovation detailed regarding to **existing problems**. Describe your **approach**.
- Show which **tasks** are assigned to which **partners** according to their skills.
- A **budget plan** should include the financial needs of all work packages.
- **Note:** The organisation of the lead partner has to pay all invoices of the OG-partners until reimbursement by the EU paying agency.



# More sustainable and environmentally compatible wheat value chains

## Implementation

- The project implementation follows a **detailed plan**, which is controlled by the lead partner.
- Each **partner** can **work** independently but always **in relation to the joint proposal**. Deviations from the plan have to be discussed by all members of the operational group.
- The **results should be presented** to inform the society about the efforts. Articles in newspapers from the launch event, workshops for relevant users, products resulting from the project may be shown at fairs.

# More sustainable and environmentally compatible wheat value chains

## Stages of the project implementation 1<sup>st</sup> year:



## **More information on this Operational Group:**

<http://www.gutes-aus-hessen.de/unternehmer/innovationspartnerschaften/enu-weizen.html>

[linnemann@forschungsring.de](mailto:linnemann@forschungsring.de)

**Thank you for your attention!**

#EIP\_OG