

European Workshop

N Fertilization of Winter Oilseed Rape

Organizers

**CETIOM
CAU Kiel
UFOP**

Sponsor

UFOP



Introductory Remarks

- **Motivation/ Background**
- **Goal**
- **Organisation**

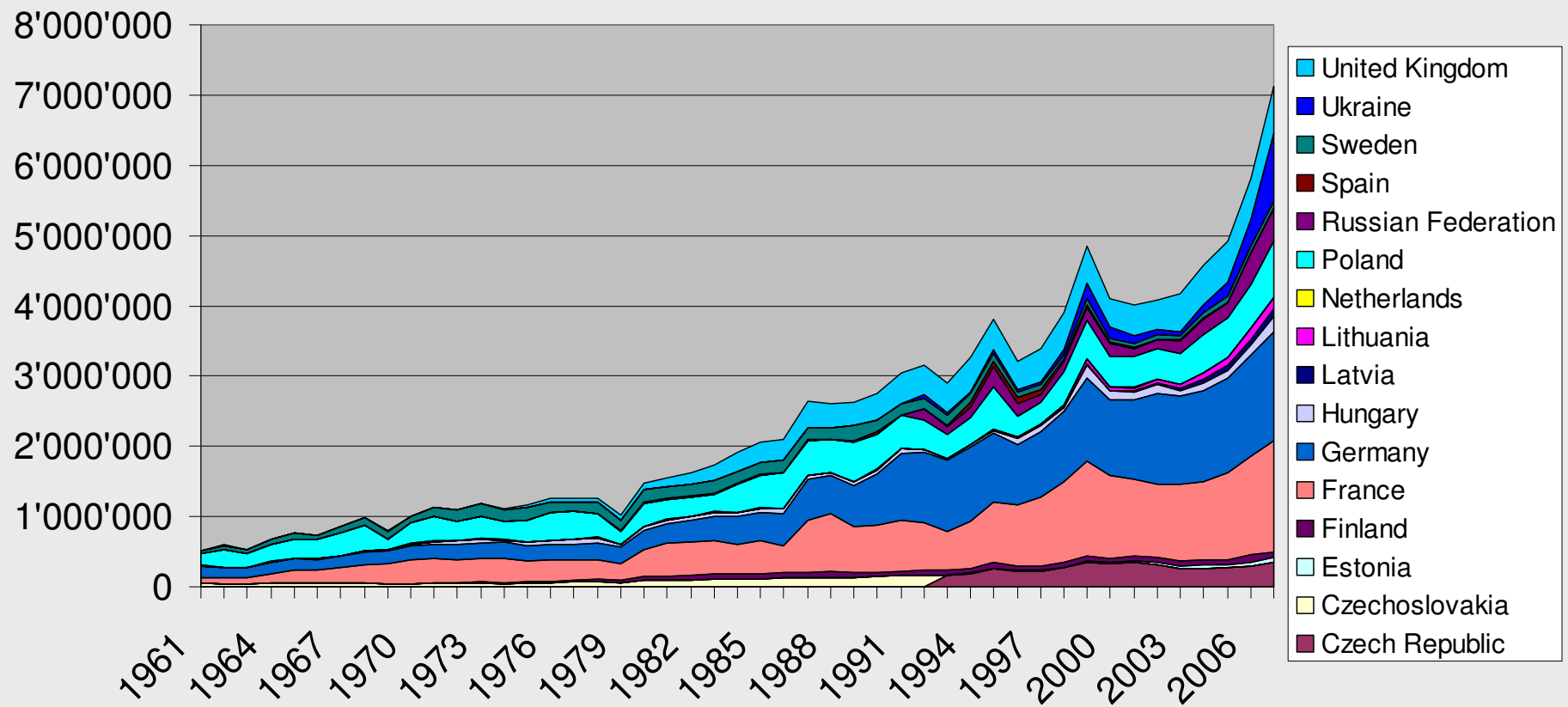


Background

- **UFOP/CETIOM Meeting**
 - Autumn 2008 in Berlin
 - Conclusions
 - Organize a scientific workshop (UFOP)
 - Summarize the workshop for policy makers
 - Initiate an european initiative for collaborate research in Europe (CETIOM)



Acreeage of Oilseed Rape in European countries



Data: FAOSTAT

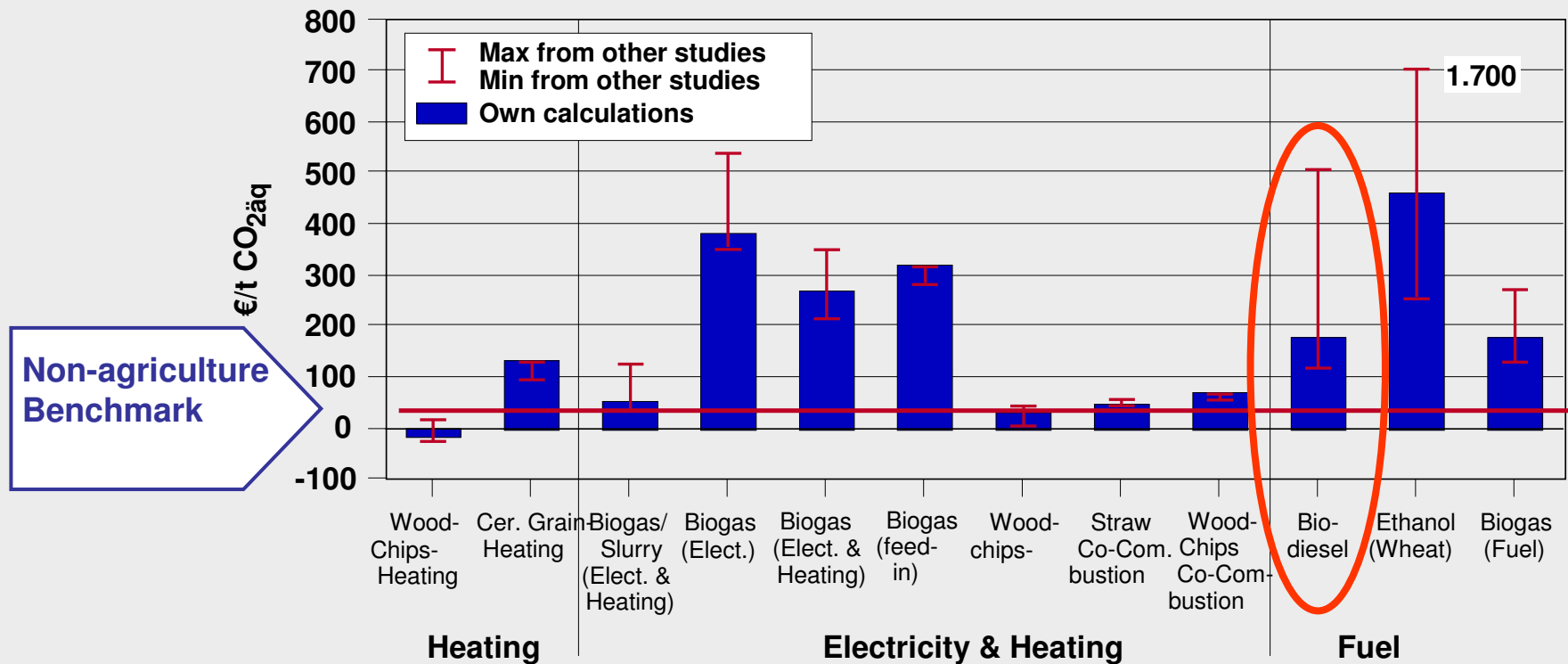
Driving forces for increasing N-Efficiency in OSR



- **Economic pressure**
- **Increasing external Pressure to Improve NUE of cropping systems**
 - **Nitrate leaching into groundwater**
 - **EU Water Framework Directive**
 - **National legislations on Fertilizer use (Goal: N-Balance < 60 kg N/ha/year)**
 - **Gaseous N-Losses („Carbon footprint“)**

Driving forces for N-efficiency in OSR: Greenhouse gas balance

Estimated CO_{2äq}- reduction costs for different biomass based energy production chains



- Most Bioenergy-Chains are not efficient
- If Bioenergy, then Biogas/slurry, Straw, Wood chips from short rotation plantations

Source: Scientific Council of the German Federal Government

Goals of the workshop

- **Identify**
 - Common ground for crop advisory in OSR N-management
 - Knowledge gaps
- **Stimulate**
 - Discussions
 - Knowledge transfer
- **Promote**
 - Collaboration in further research activities



Organisation

- **4 Sessions**
 - **Crop to cropping system level**
 - **Talks should be 20 min.**
(leaving 10 min. for Discussion)
- **2 Coffee breaks + Dinner**
 - **Breaks & Dinner will be in the lobby**



