

UFOP
+
Biofuels

UFOP - Union for Promoting Oilseeds and Proteinplants
Dr. Norbert Heim
Workshop on N Fertilization of Winter Oilseed Rape 23.3.2009

Sowing ideas...

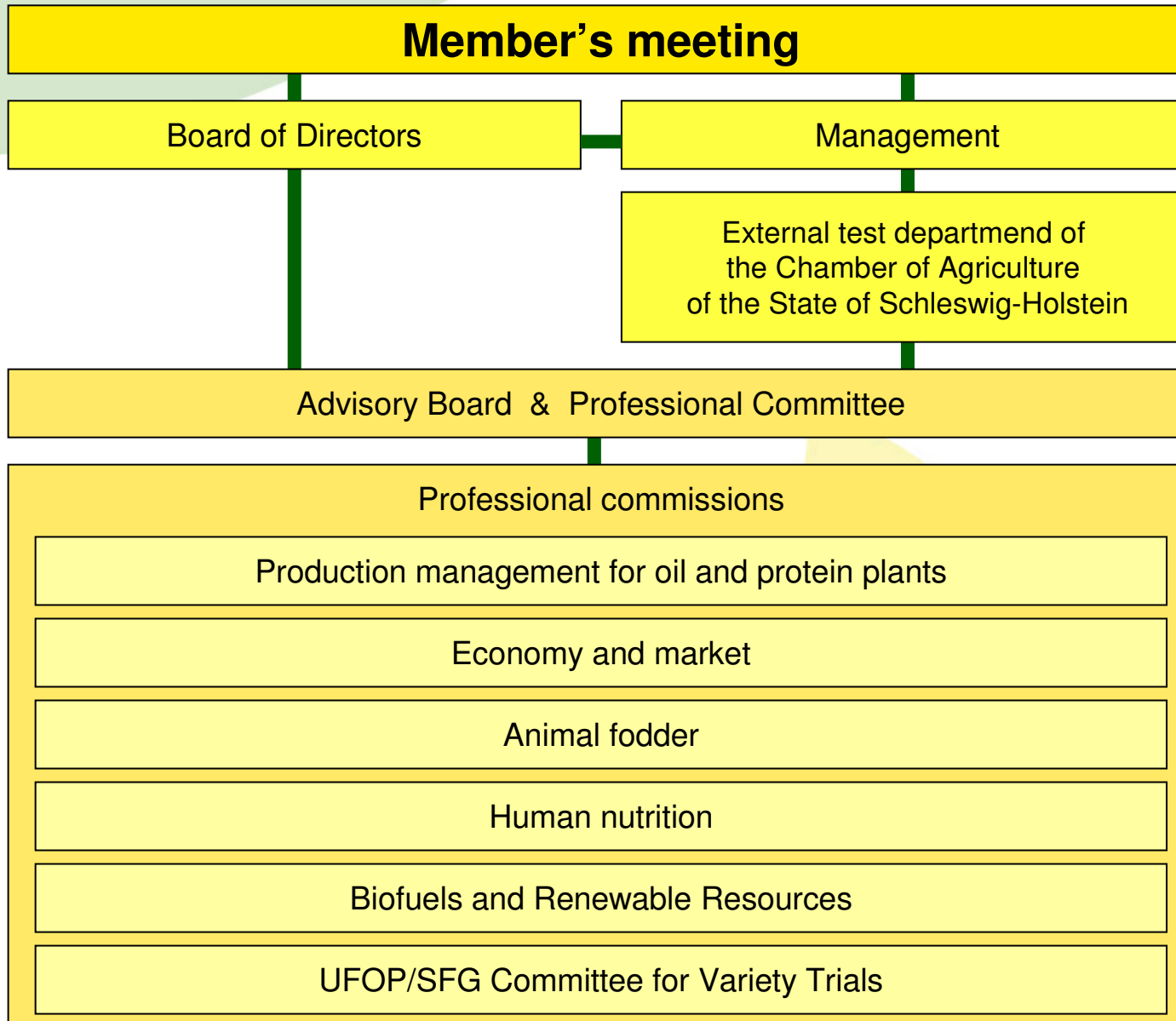
- **Founded by**
 - The "Deutscher Bauernverband e. V." (DBV, Society of German Farmers)
 - "Bundesverband Deutscher Pflanzenzüchter e. V." (BDP, Federal Society of German Plant Breeders)
- **A completely new organisation structure.**
- **All companies, associations and institutions participating in the production, processing and marketing of indigenous oil and protein-bearing plants are gathered under the UFOP banner.**
- **It was possible to establish UFOP in this interprofessional form because all participants acknowledged the opportunity of a new form of trusting co-operation.**
- **In past years, UFOP has produced numerous ideas to optimise agricultural production and to promote sales.**

Tasks...

- The work conducted by UFOP is divided into four main fields of work:
 - Political lobbying to national and international authorities.
 - Optimisation of agricultural production by promoting research and supporting variety trials.
 - Development of new means of exploitation.
 - Public relations work to promote the sales of all end products on indigenous oil and protein-bearing plants.



Structure...



Members...

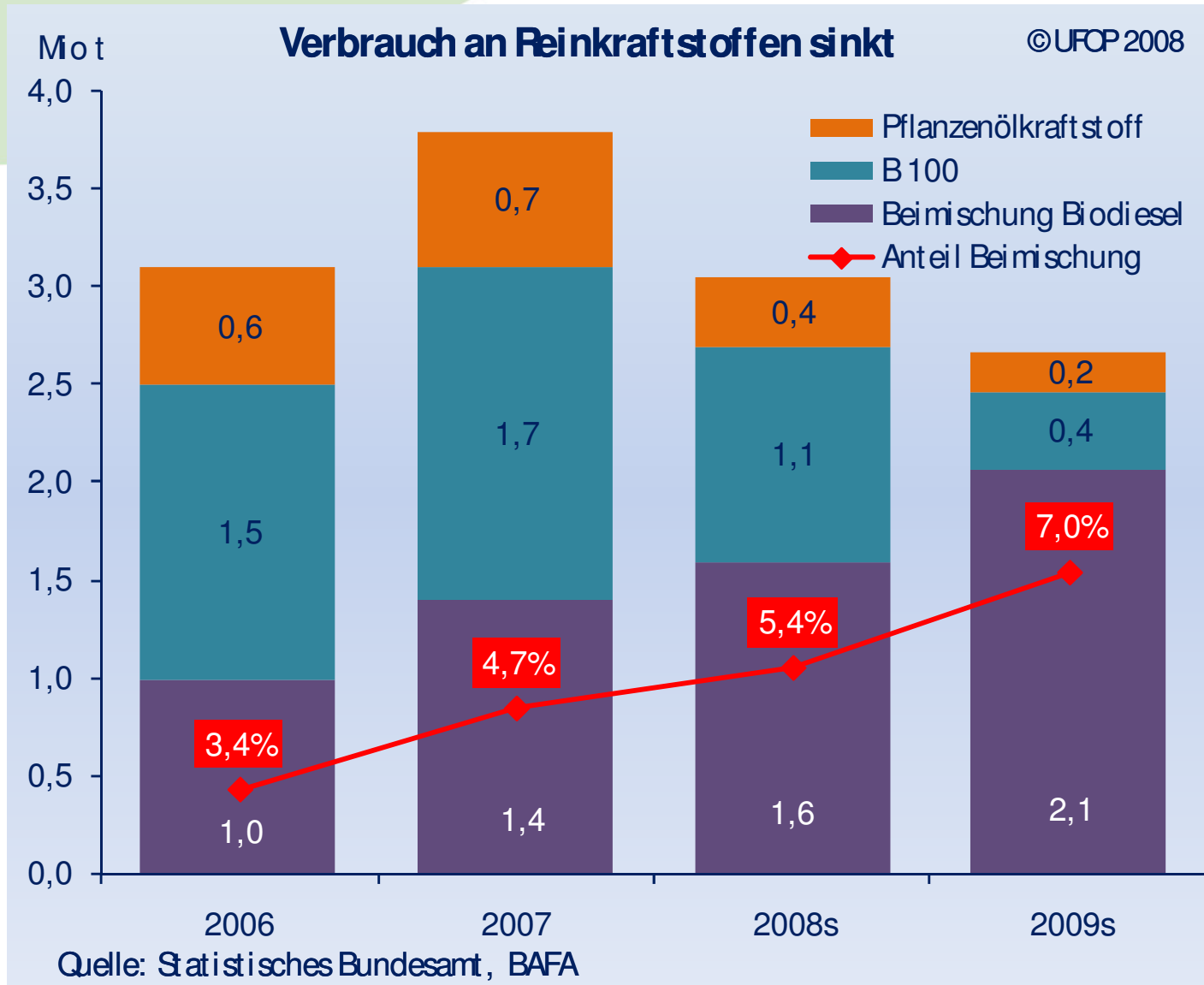
- **The list of UFOP members is an indication of the unique interprofessional concept:**
 - **Deutscher Bauernverband e. V.**
 - **State farmer's associations**
 - **Bundesverband Deutscher Pflanzenzüchter e. V.**
 - **Deutscher Raiffeisenverband e. V.**
 - **Bundesverband der Agrargewerblichen Wirtschaft e. V.**
 - **Verband Deutscher Ölmühlen e. V.**
 - **Bund der Deutschen Landjugend e. V.**
 - **Verband der Landwirtschaftskammern e. V.**
 - **Companies involved in plant breeding**
 - **Other companies and sponsors**
- **A constantly updated list of members is available in the Internet:**
www.ufop.de

Harvesting success!

- **UFOP has been successful in integrating the breeding, cultivation, marketing and agricultural policies into a common concept borne by the entire agricultural industry to a degree achieved by hardly any other agricultural organisation in Germany.**
- **The results of the activities of UFOP are remarkable:**
 - **It has been possible to develop biodiesel to become a flagship product of regenerative raw materials.**
 - **The perception of the high health benefits of rapeseed oil has also been extensively established.**
 - **Fodder based on indigenous oil and protein plants has also found an acknowledged protagonist at UFOP.**
 - **Practical agriculture has profited from the profuse relevant information and the results of variety trials.**



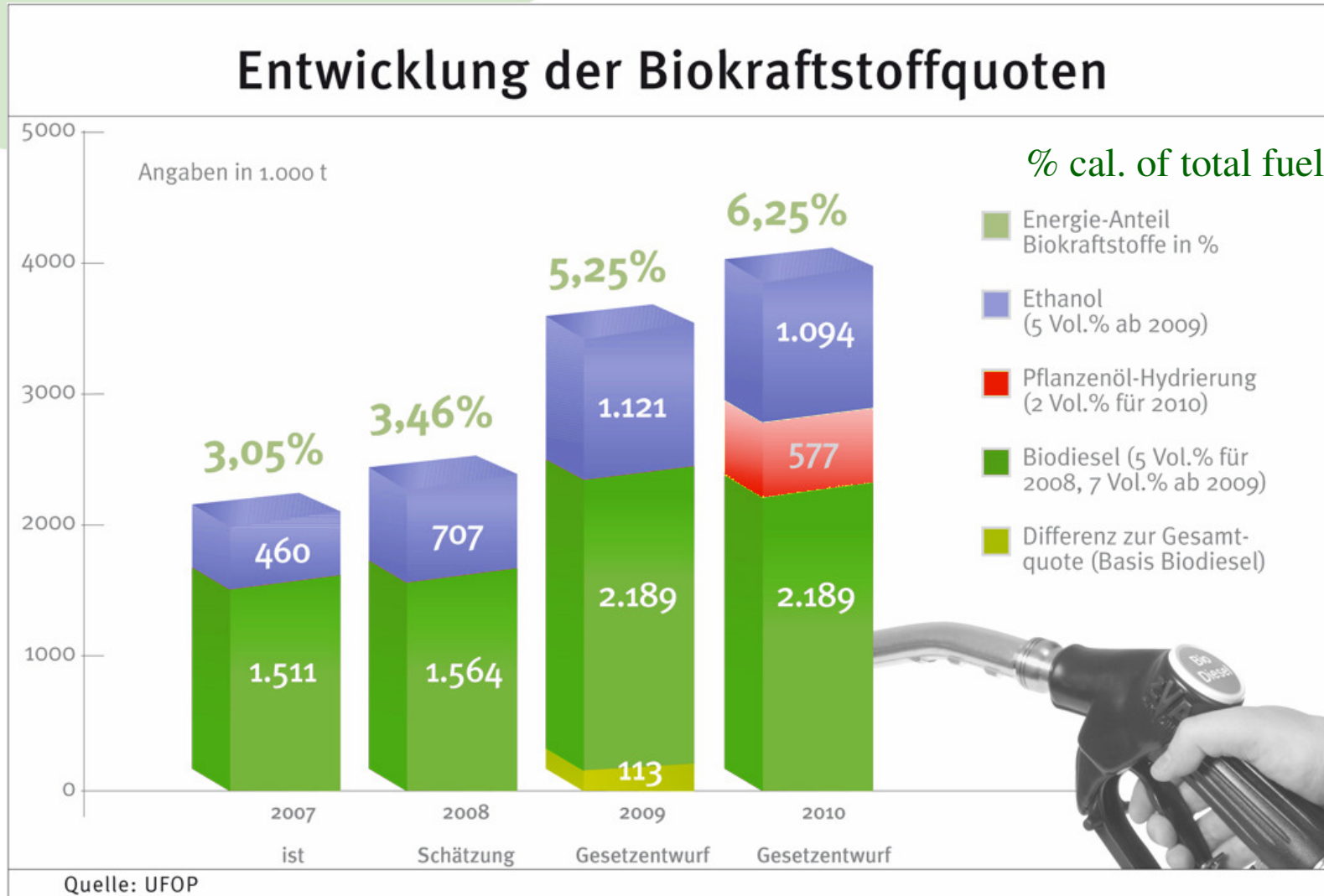
Biodiesel demand Germany



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% vol. blends

Biofuel quotas & demand Germany



co-hydrogenation max 3 % vol. of vegetable oil from 2010/2011 (draft)

New biofuel-quotas Germany (draft 2009)

Year	Total Fuel (cal.)	Diesel (cal.)	Gazoline (cal.)
2009	5,25%	4,4%	2,8%
2010	6,25%		
2011	6,25%		
2012	6,25%		
2013	6,25%		
2014	6,25%	end of	„sub-quota“
	CO₂- saving quota		
2015	3,0%		
2017	4,5%		
2020	7,0%		

Renewable Energy Targets – EU 2020

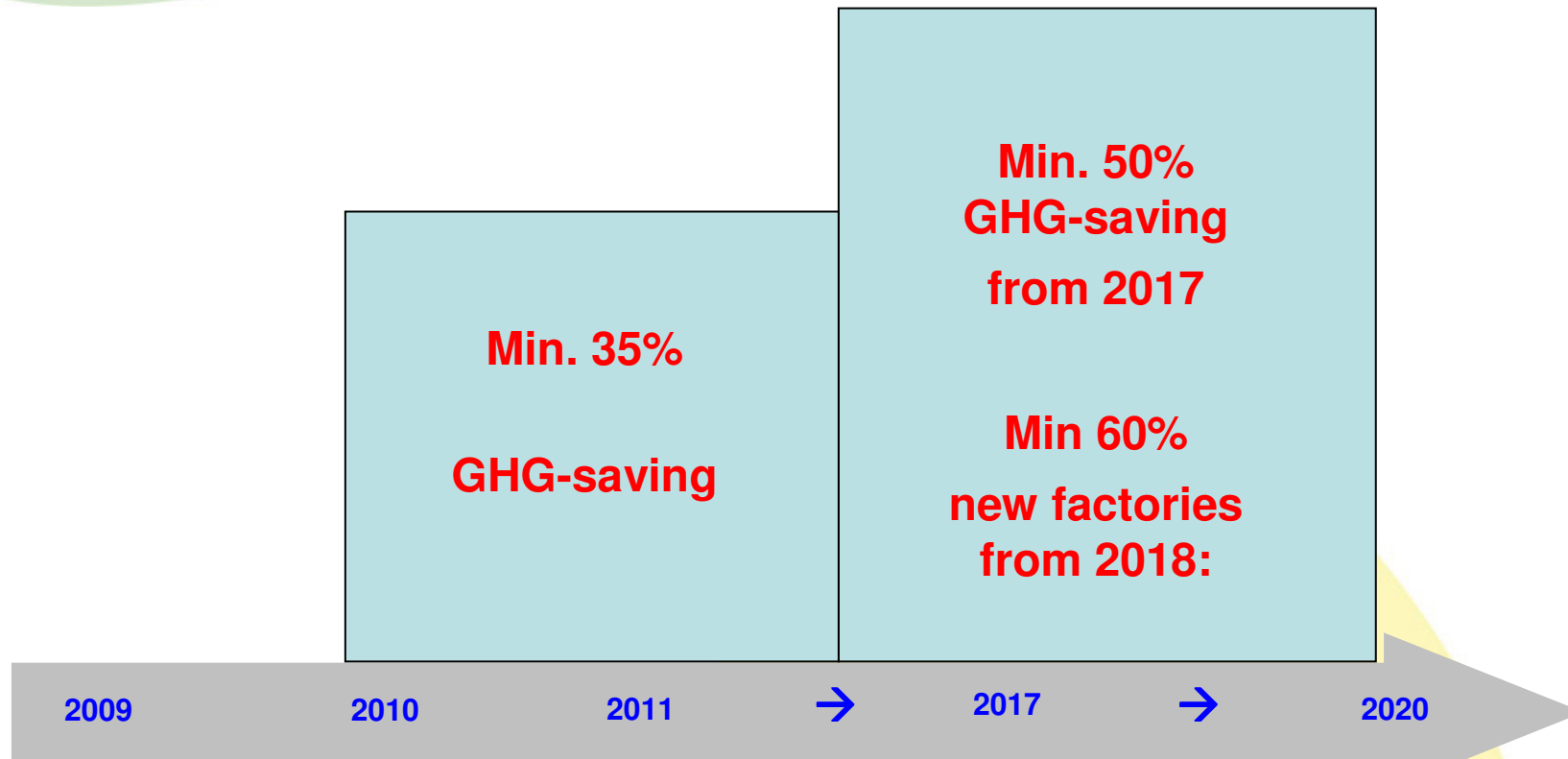
Total Energy Consumption

- **20 % till 2020**

Sector traffic

- **10 % cal. till 2020**

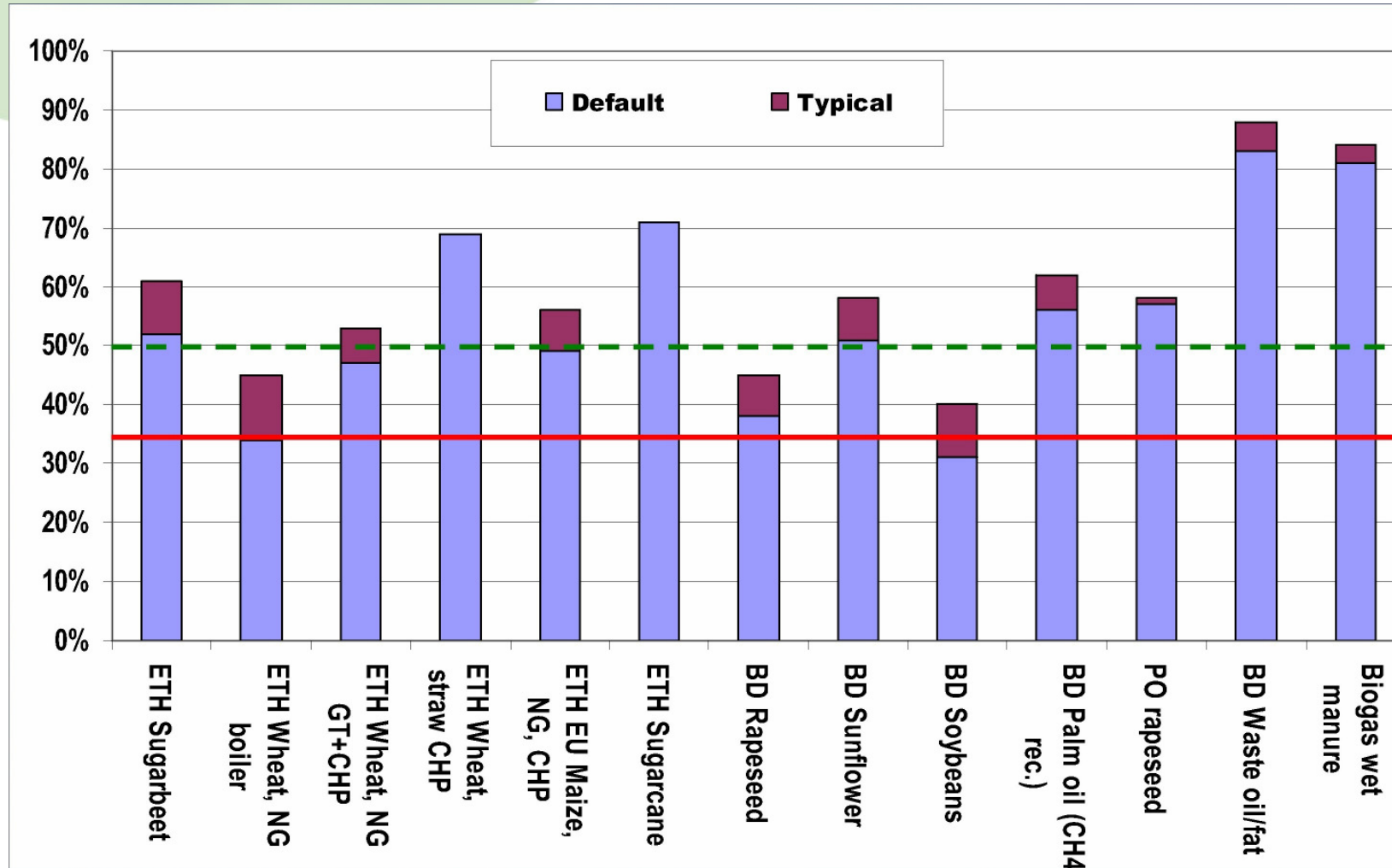
Minimum greenhouse gas emission saving



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new EU-Directive for biofuels (draft)

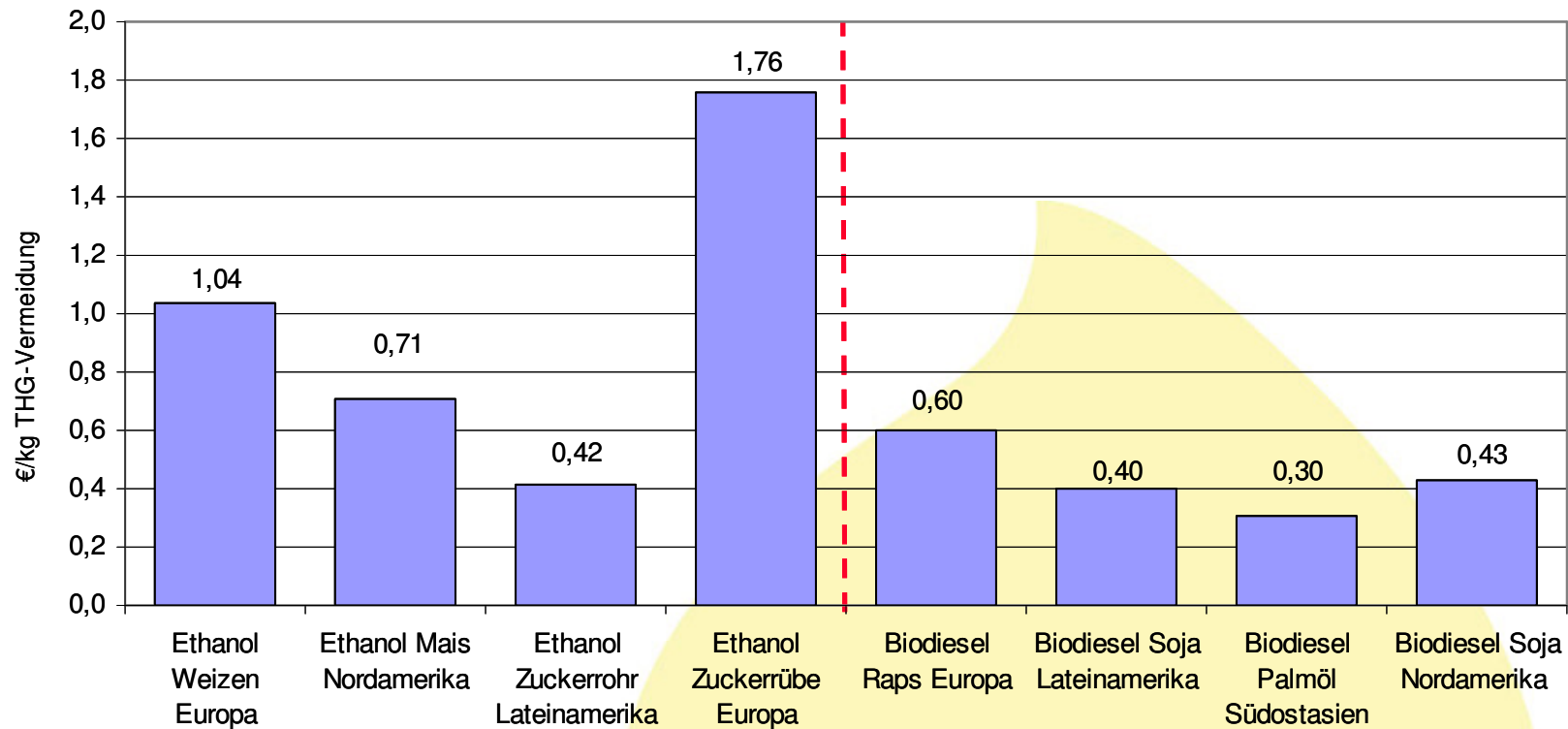
Typical and default GHG saving values



Source: RED (data from JEC Consortium)

Die Kosten für die Vermeidung von 1 kg THG-Emissionen unterscheiden sich zwischen den Biokraftstoffen erheblich

Kosten für 1 kg THG-Vermeidung (basierend auf Produktionskosten der Biokraftstoffe inkl. Zoll und Transport und Default-Values der NachhaltigkeitsVO ohne Landnutzungsänderung)



Quelle: meó

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