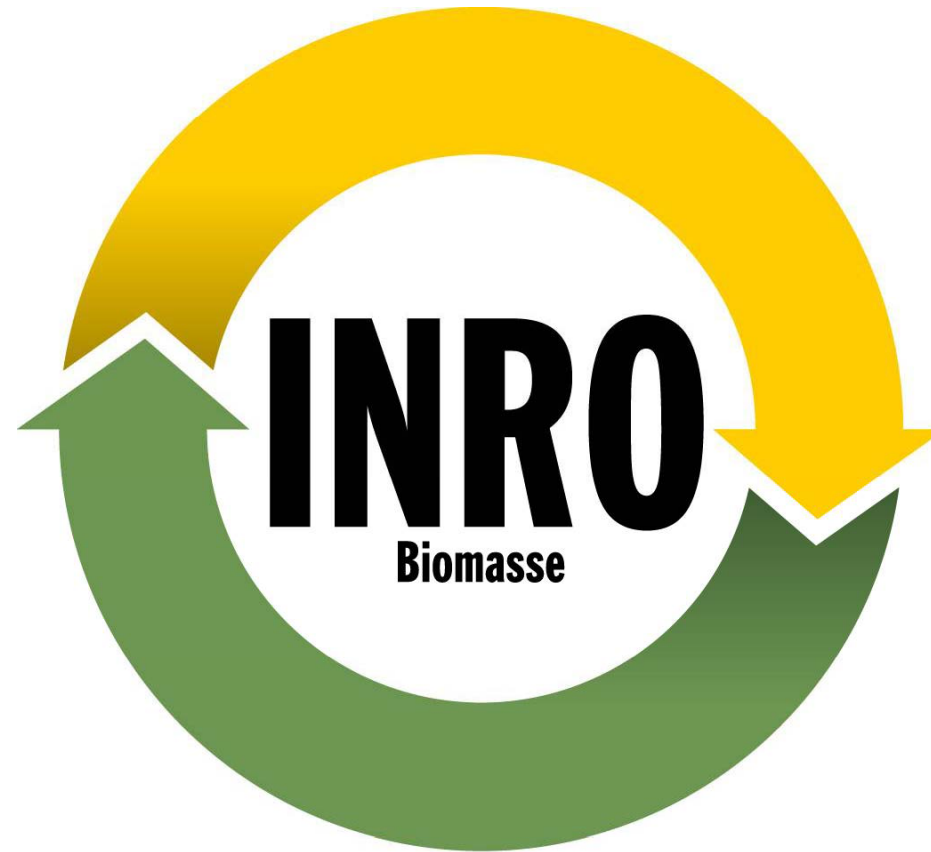


Union for the Promotion of Oil and Protein Plants



**Initiative for Sustainable Supply of Raw Materials for the Industrial
Use of Biomass - INRO**
the status of a current certification project in Germany

Dieter Bockey
Union zur Förderung von Oel- und Proteinpflanzen e.V.
Berlin



Initiative for the Sustainable Supply of Raw Materials for the Industrial Use of Biomass

Gefördert durch:



Bundesministerium
für Ernährung
und Landwirtschaft

aufgrund eines Beschlusses
des Deutschen Bundestages



Fachagentur Nachwachsende Rohstoffe e.V.

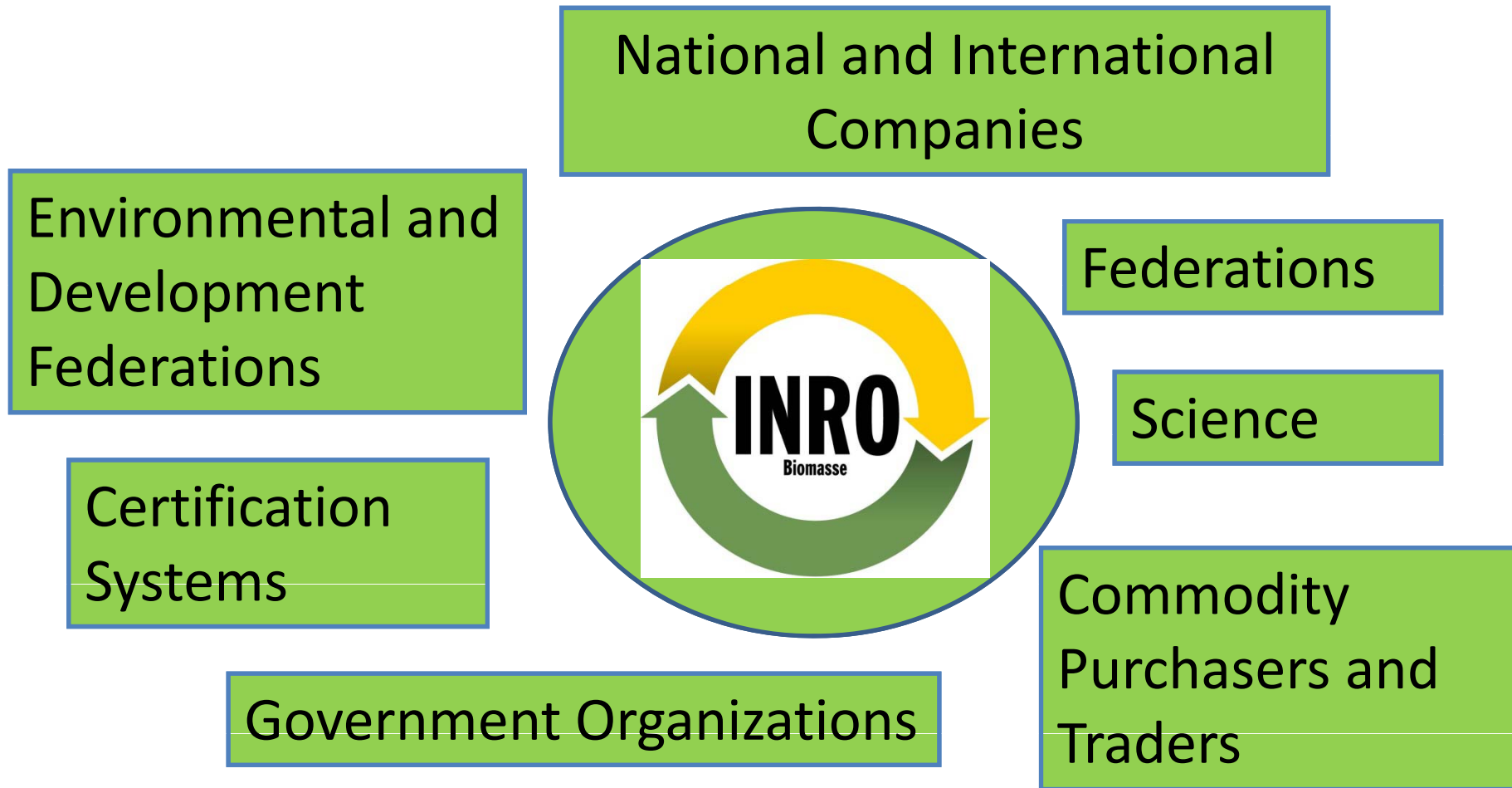
Problems and Solutions

- Problems:
 - Public and NGOs call for ecological and social minimum standards
 - Differentiation of the markets leads to an imbalance of the biomass supply
- Solutions:
 - International standards for the certification of sustainability
 - Efforts to expand the certification of foods, feed and industrial use
 - The international certification is supported by German and European initiatives:
 - Directive 2009/28/EC of the European Union on the promotion of the use of energy from renewable sources
 - CEN TC 383 "Sustainability criteria for the production of biofuels and bioliquids for energy"
 - CEN-TC 411 "Bio-based products"
 - Voluntary German initiative INRO



**Initiative for the Sustainable Supply of Raw Materials
for the Industrial Use of Biomass**

Participants



Initiative for the Sustainable Supply of Raw Materials
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Starting premises for the INRO

- Based to a large extent on the Directive 2009/28/EC of the European Union on the promotion of the use of energy from renewable sources (RED), for example, in determining the sustainability criteria
- Establishment of overall conditions for certified goods
- No establishment of own certification standard, but usage of existing certification systems



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Starting premises for the INRO

Plants that should be reviewed:

- Oilseeds: e.g. rapeseed, palm oil, soybean oil, castor-oil plant
- Starch / sugar yielding plants: e.g. sugar cane, sugar beets, corn, maize
- Fiber yielding plants: e.g. hempseed, flax, linen, cotton

At a later date:

- Lignocellulose yielding plants
- Animal fats



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How does the INRO proceed? (I)

1. The participants of INRO define what they understand by the term „sustainable“ ✓
2. The participants of INRO define what they understand by a good certification ✓
3. The participants of INRO decide how the certification shall be passed throughout the value chain ✓
4. A) We clarify together with the 5 international operating certification bodies to which extend the certification systems our companies use or want to use are already in accordance with our INRO criteria and which add ons they could provide at which cost so that it is possible to certify within every certification system after INRO criteria.
B) We endeavor to convince the certification systems to adopt the INRO criteria



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How does the INRO proceed?

5. The companies commit themselves to apply the INRO criteria (depending on the raw material as application project or for the whole amount of the purchased commodity starting from a certain point of time
6. We endeavor that more and more companies from Germany and Europe participate → **constant process**
7. We endeavour that similar initiatives emerge in many European countries and that the INRO criteria are being integrated into the existing processes such as CEN and European Lead Market Initiative: EU PPP Bioeconomy
 - **The Netherlands** ✓
 - **Switzerland , Italy, Austria...?**



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Networking (I)

- In particular, the European level is necessary to achieve the acceptance of INRO
- Examples for the international orientation of INRO:
 - European Leadmarket Initiative: EU-PPP Bioeconomy
 - ISO/CEN
 - AISE Charter (European detergent industry)
 - Bioplastic Feedstock Alliance (USA)
 - Eco Vadis (the European purchasing initiative of the chemical industry in which the suppliers are audited)
 - European Industrial federations such as.:
 - ACEA - European Automobile Manufacturers' Association
 - CLEPA - European Association of Automotive Suppliers
 - European Chemical Industry Council
 - European Bioplastics



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Networking (II)

- Ecosense
- ELL (European Ecolabel)
- German and European Lubricant Manufacturers Association
- Sustainability principles by the grocery trade chains (e.g. Metro, Real, Rewe, Edeka)
- Aid by Trade Foundation
- PlasticsEurope (European plastics manufacturing association)
- Sustainable agriculture network
- European Federation of Biotechnology
- AISIL (umbrella organization certification)
- Network bridge (joint undertaking of the EU Commission)
- regular exchange with the initiative "Green Deal" from the Netherlands and other initiatives from other countries (e.g. Italy, UK, France, Belgium ..)



**Initiative for the Sustainable Supply of Raw Materials
for the Industrial Use of Biomass**

Schedule

2014

- 12.3.14: Information event German Parliament (Deutscher Bundestag)
- 3.4.14: Information event EU
- 10.4.14 Eleventh Session INRO
- 17.6.14 Twelfth Session INRO
- Autumn: Final conference 1st phase
- Will it continue?



Initiative Nachhaltige Rohstoffbereitstellung
für die stoffliche Biomassenutzung

Will it continue?

Prerequisite for the second phase of the INRO:

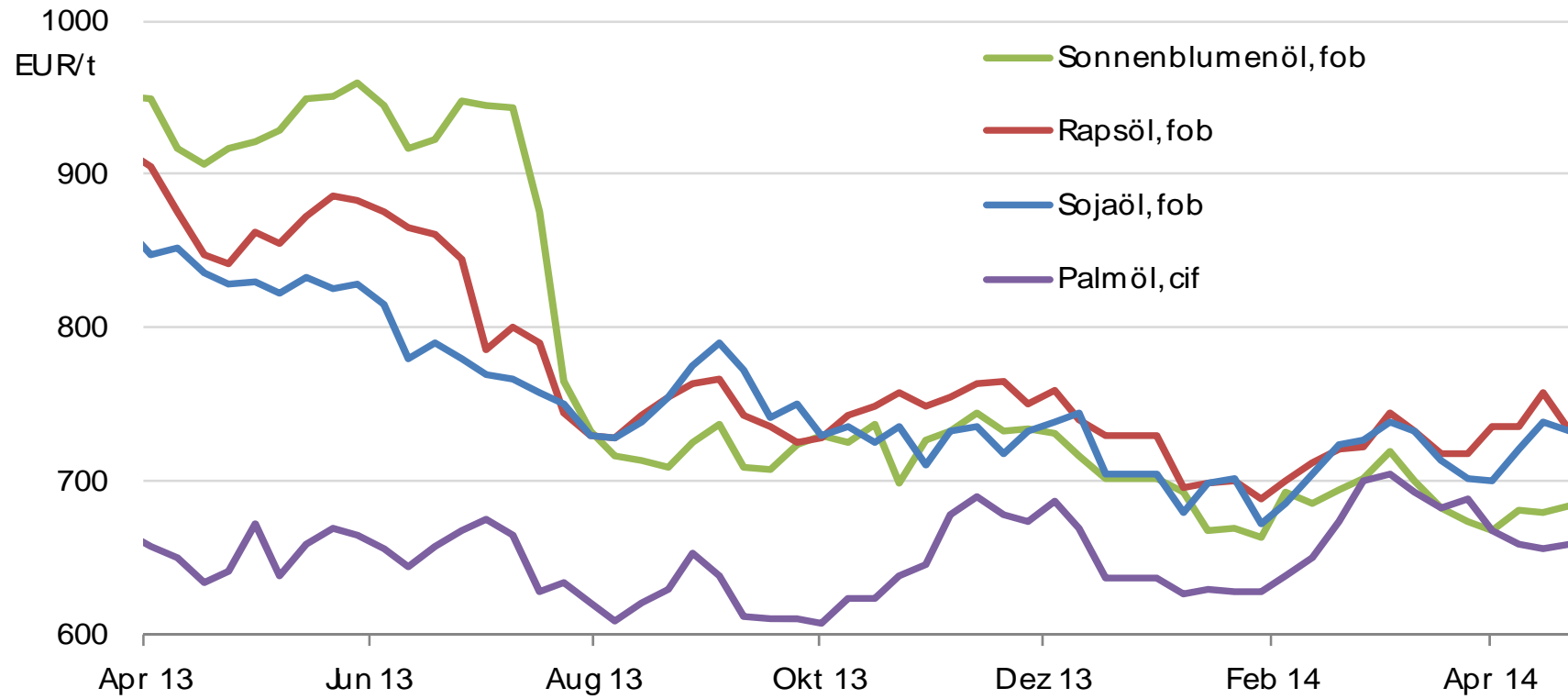
Increasing purchase of certified raw materials by the companies in accordance with INRO criteria:

- Application projects
- Definition of the accepted certification systems
- Self commitment of the companies
- Differentiation depending on the raw materials
- Trade chains sustainability regime
- Pilot project „Food Security“



**Initiative for the Sustainable Supply of Raw Materials
for the Industrial Use of Biomass**

Preisentwicklung Pflanzenöle Großhandelspreise



Quelle: AMI

Thank you for your interest and
your attention!

www.inro-biomasse.de



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