



**KZR INiG Scheme**

The Oil and Gas Institute – National Research Institute





# Agenda



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## KZR INiG System – SHORT HISTORY



2011

- Preparation of the KZR INiG Scheme documentation

July 2012

- Sending the documentation to EC

December 2012-October 2013

- Assessment of the documentation (Ecofys)

October 2013

- Comitology

January 2014

- Consultation among MS

June 2014

- The Decision



## KZR INiG System – the DECISION

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### **COMMISSION IMPLEMENTING DECISION**

**of 3 June 2014**

**on recognition of the ‘KZR INiG System’ for  
demonstrating compliance with the sustainability  
criteria under Directives 98/70/EC and 2009/28/EC of the  
European Parliament and of the Council**

***(2014/325/EU)***



## Purpose of the KZR INiG system

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The rules of the KZR INiG System are based on requirements [stated in Directive 2009/28/EC](#) of the European Parliament and of the Council of April 23, 2009 on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC. The requirements of the KZR INiG System [are in line with the aims defined in the Directive](#), and they also take into account local conditions.

Implementation of the KZR INiG System is to [provide economic operators, particularly local ones, operating in the supply chain of biofuels and bioliquids with the possibility to prove that they meet sustainability criteria, according to the requirements of RED.](#)



## The scope of the KZR INiG System



The territorial range of the KZR INiG System validity encompasses **EU territory**.

Within the framework of the KZR INiG System, **raw materials cultivated and harvested**, as well as **wastes and residues collected in the territory of European Union**, and also feedstock, biofuels and bioliquids **produced in the territory of EU countries**, will be assessed for conformity with the sustainability criteria.

**The whole lifecycle** of biofuels and bioliquids will be assessed, starting from the stage of **raw material cultivation or waste collection point**, to the stage of final usage, waste and residue formation, considering all inter-linkage of the supply chain.

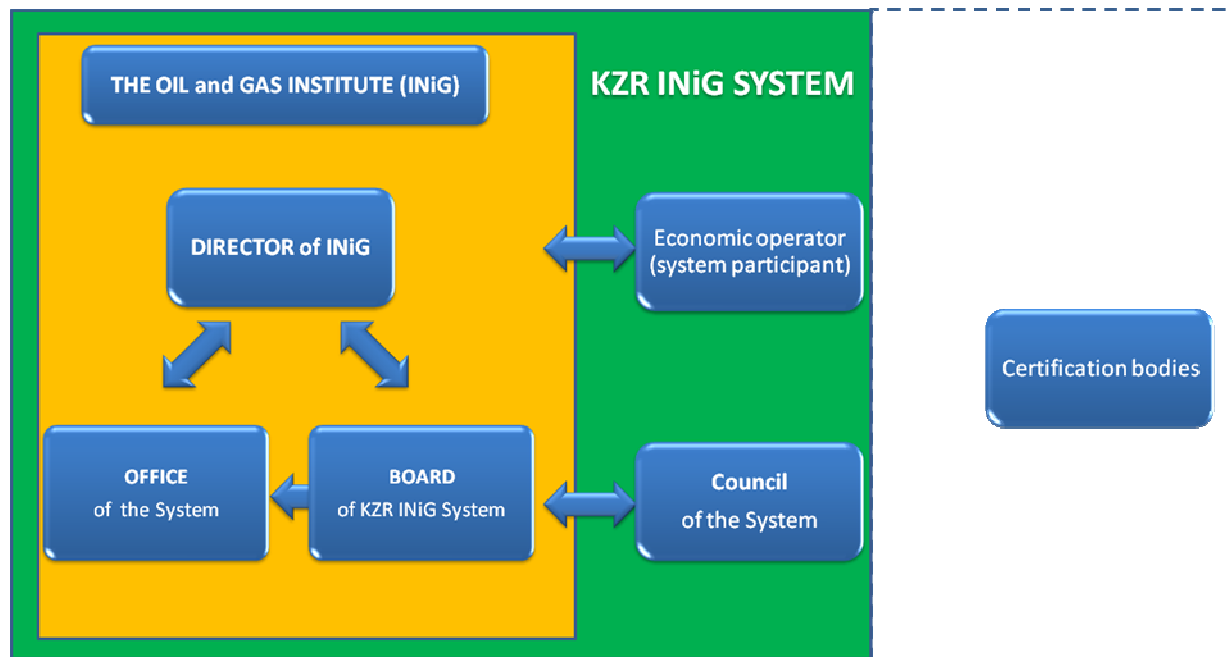
The KZR INiG System includes any entity which **physically takes** ownership of biomass or biofuel.



## The structure of the KZR INiG System



The KZR INiG System is owned and administered by the Oil and Gas Institute – National Research Institute, located in Cracow, represented by the Director of the Institute.





## The certification



**The certificate issued by the certification body, authorized by the KZR INiG System,** is a document confirming compliance with the above mentioned criteria. Issuing such a certificate is preceded by an audit, during which evidence of meeting the criteria by the economic operator being subject to the certification process is assessed.

### **Authorized Certification Bodies:**

- Dekra Certification Sp. z o.o.
- SGS Polska Sp. z o.o.
- Bureau Veritas Polska Sp. z o.o.
- TÜV Rheinland Polska Sp. z o. o.

**More info: <http://www.kzr.inig.eu/en/menu2/page1/>**





## Requirements for certification bodies



### Certification body must:

- have legal personality;
- have accreditation of conformity with ISO/IEC 17021 standard (issued by national accreditation body. The national accreditation body needs to be affiliated with the IAF);
- carry out audits according to the requirements of EN 19011 standard;
- established at least a 'limited assurance level' on the audited information in line with the requirements of ISAE3000;
- have **access to auditors** with competencies as described in the KZR INiG/10 document;
- prove independence and impartiality towards the certified system participants;
- prove compliance with the KZR INiG System requirements.



## Requirements for economic operators – Scheme participants



### The economic operators are obliged to:

- submit credible information verified by an independent audit,
- have a documentation management system,
- have a quality system,
- keep all evidence for a minimum of 5 years,
- accept responsibility for preparing any information related to the auditing of such evidence.

In order to minimize the administrative burden for the economic operator (system participant), **it is suggested to expand** the operational system already existing in the company, **e.g. a financial-bookkeeping system, storage system, etc.**, supplementing it with elements revolving around sustainability.

It must be emphasized that the introduction of the mass balance system, and similarly - the whole system of sustainability criteria, should not disturb significantly the existing organization of document flow within the company



## Pathway of receiving of the KZR INiG Certificate



- 1 • Decision about the certification
- 2 • **Implementing of system requirement**
- 3 • Sending application form
- 4 • Signinig the agreement
- 4 • Contact with certification body
- 6 • **Audit**
- 7 • Issuing the certificate by CB
- 8 • **Participant of KZR INiG System**
- 9 • Information on scheme's website [www.kzr.inig.eu](http://www.kzr.inig.eu)



## Methodology of GHG emission



- **Methodology based on the RED methodology**
- **EN 16214 standards**
- **Actual values or default values**
- **Units:  $\text{gCO}_{2\text{eq}}/\text{MJ}$  of energy contained in the biofuel or  $\text{gCO}_{2\text{eq}}/\text{unit}$ , in which the product is accounted for at the respective stage of production (it may be in mass or volume).**
- **Co-processing of biomass with fossil raw material**



## Non conformities

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### Minor nonconformities

Minor nonconformities are non-conformities, **which causes are detected and can be eliminated within 30 days.** The certificate can be issued after approval by the lead auditor's correction and corrective action. In this case it is recommended to carry out a surveillance audit at **latest/least six months after** finalization of the certification audit.

### Major nonconformities

Major nonconformities are nonconformities, which **causes are not detected** or cannot be eliminated within 30 days. The issuing of a certificate is rejected.



## Summary



- KZR INiG system recognizes certificates issued by other recognized voluntary schemes (no restriction with regard to the raw material);
- the keynote of the scheme **is not to cause additional burden**, we recommend introducing the scheme's requirements **based on the existing system** ;
- possibility of use default values or actual values;
- co-processing;
- units:  $\text{gCO}_{2\text{eq}}/\text{MJ}$  of energy contained in the biofuel or  $\text{gCO}_{2\text{eq}}/\text{unit}$ , in which the product is accounted for at the respective stage of production (it may be in mass or volume);
- Low prices; Easy rules of payments!



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