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The 2 BSvs voluntary scheme

IPIECA Sustainable Biofuels Regulations Standards and Certification Workshop, 18-19 September 2012

Biomass Biofuels Sustainability
voluntary scheme

Biomasse Biocarburants Schéma
volontaire sur la durabilité

Recognised by the
European Commission
on 19th July 2011

www.2bsvs.org



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- I. Context
- II. Voluntary Scheme 2BSvs
- III. Implementation of the scheme and certification



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I. CONTEXT

Sofiprotéol Industrial activities



FEED & ANIMAL PRODUCTION



FOOD



RENEWABLE ENERGY



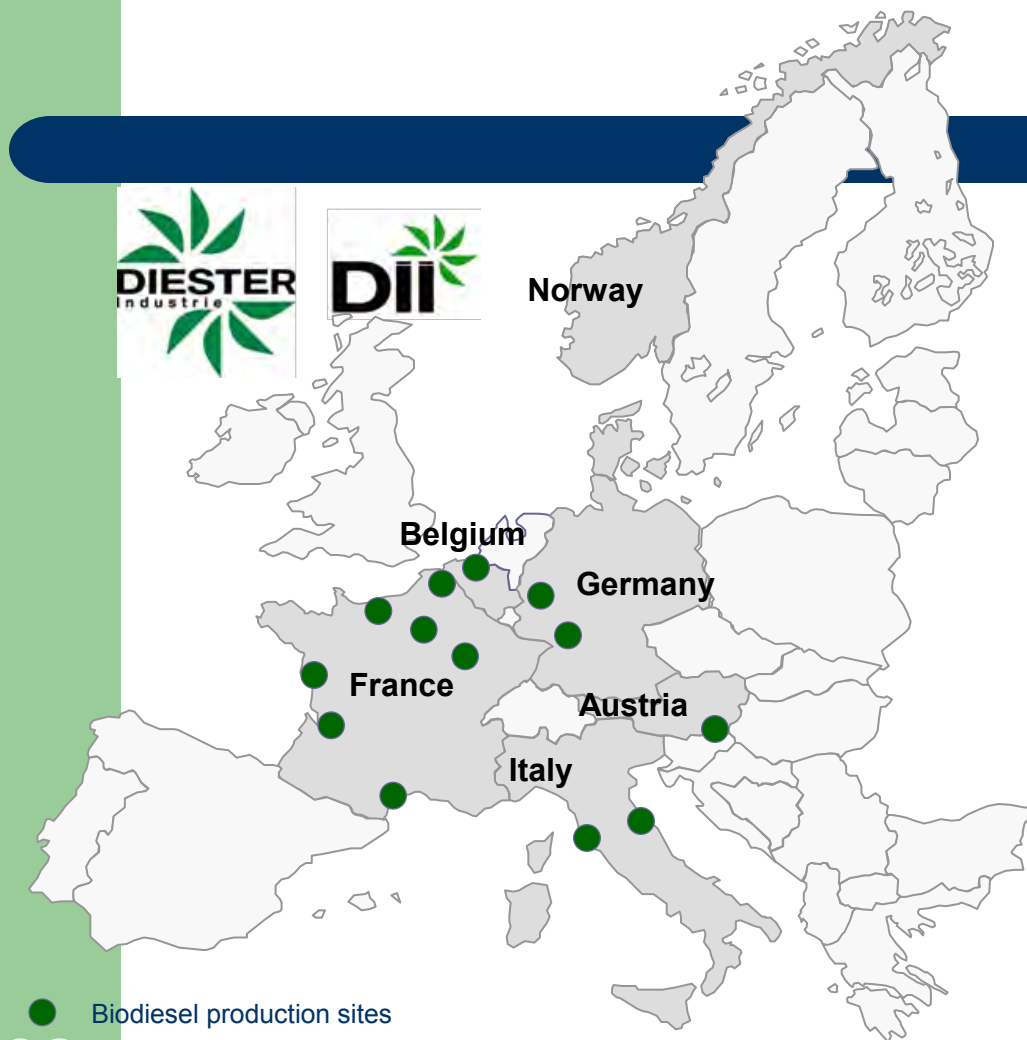
GREEN CHEMISTRY

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Diester Industrie World leader in Biodiesel production



- **13 sites**
 - 7 sites in France
 - 6 others through EU
- **3 Million Tons capacity**
- **2,1 Million Tons production in 2011**
- **Turnover 2011:**
 - 2,7 Bln € through EU



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3 ways to prove compliance with the Renewable Energy Directive (RED)

- National system
- Bilateral Agreement
- Voluntary Scheme recognized by the European Commission
 - The 2BSvs voluntary scheme was developed to allow 1st gathering entities and economic operators along the biofuels supply chain to demonstrate the sustainability of their products according to the RED.
 - **2BSvs was recognised by the EC on 19th July 2011 (Decision 2011/437/UE published on 21th July 2011)**



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II. The 2BSvs VOLUNTARY SCHEME

2BSvs voluntary scheme :
Biomass Biofuels Sustainability voluntary scheme ,
Biomasse Biocarburants Schéma volontaire sur la durabilité



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Consortium 2BS



Represents 14 unions
of sugar beet producers in France



Represents over
350,000 cereal producers



Represents agriculture traders



Represents Oilseed producers and
related industries in France



Represents cooperative
of French farmers



Represents French industrial producers
of alcohol from agricultural origin



Represents maize producers
to French and European authorities

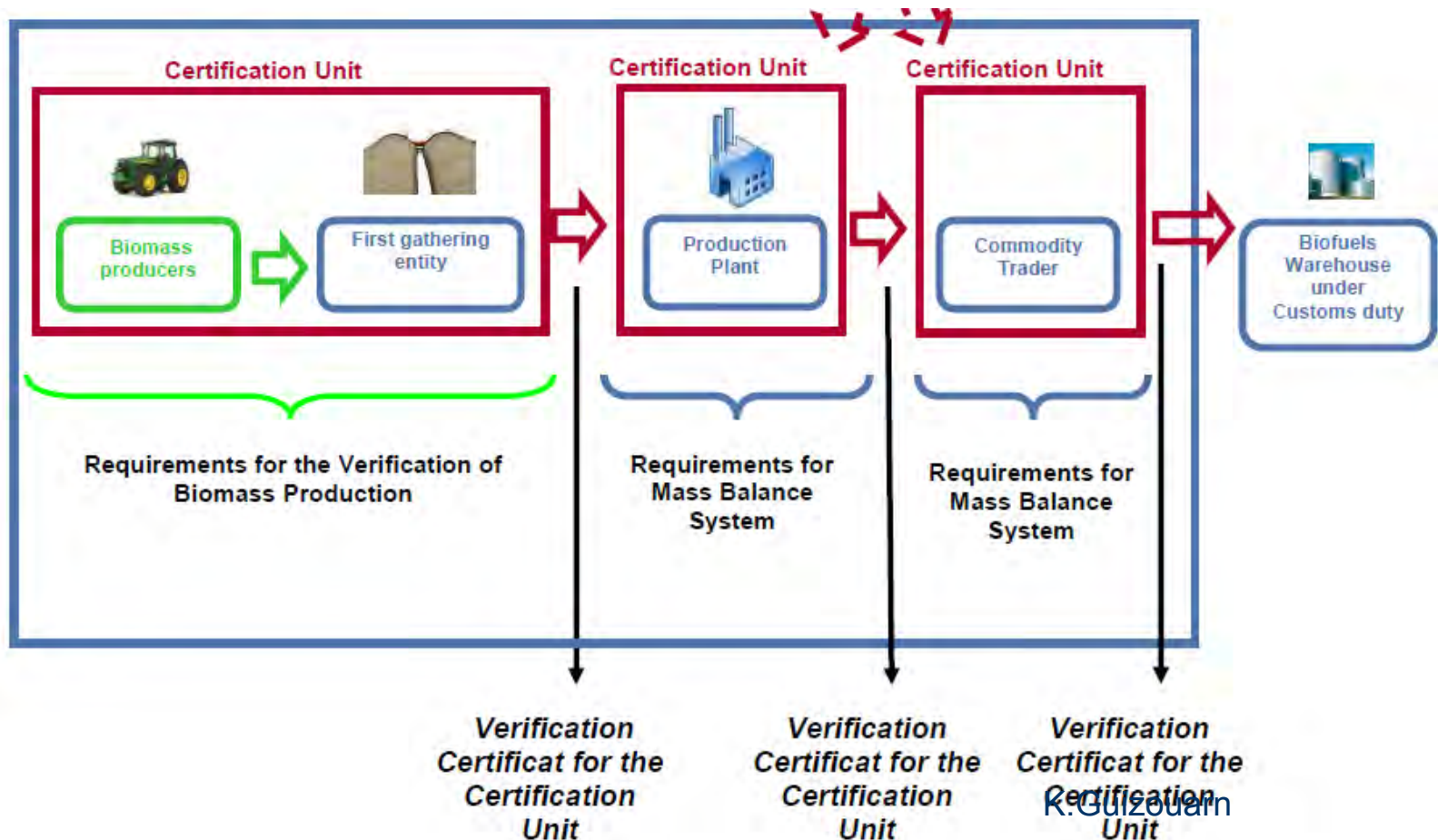


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Description of the scheme

- The 2BSvs Scheme covers the whole biofuels supply chain: biomass producers, first gathering points, processors of intermediate products, biofuels producers, traders, until the entrance of the blending site under customs control.
- It has been designed
 - To be applicable to **any type of biomass and biofuels** worldwide
 - To comply to **all the sustainability requirements** included in the RED (except highly biodiversity grassland, pending EC decision)
- It contains 2 main documents :
 - **Requirements for the verification of biomass production**
 - **Requirements for mass balance systems**
- The certificate is **valid for 5 years**, with annual verification audits.

Scope of the scheme





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Requirements for mass balance systems

- Every economic operator shall implement a **mass balance system**
- The economic operator shall record in a **credit account**:
 - Year of harvest , the country of origin, the type of feedstock, volume, sustainability characteristics, GHG characteristics if needed.
- This credit account:
 - **shall be positive end of each month**
 - For the first gathering entity, credits are valid for 18 month from the official starting date of the harvest campaign of the biomass
 - For the processors, credits are valid for 24 month from the official starting date of the harvest campaign of the biomass

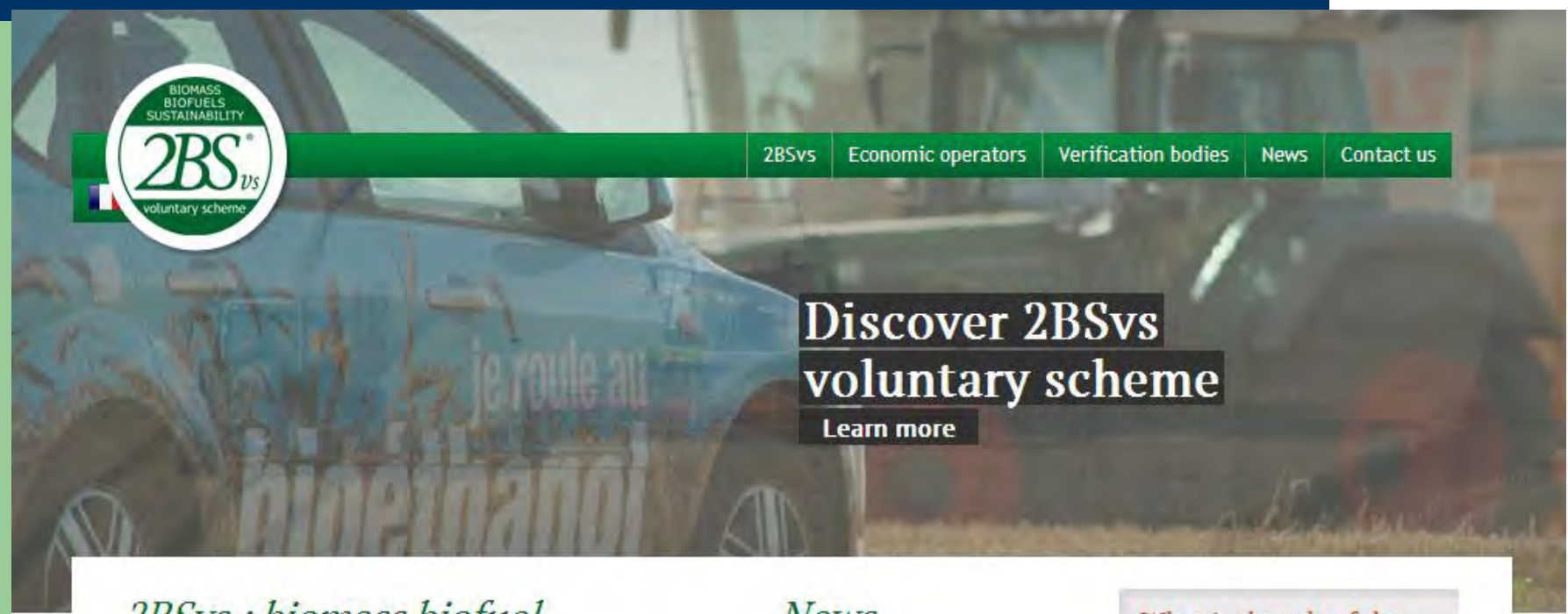
Use of the 2BSvs scheme over the world

- First certificate only after the recognition decision from the EC to avoid confusion in the market
- End of july 2012:
 - **520** economic operators certified in **14** countries including majors
(ie Diester Industrie, Tereos Benp, Saipol, Union IN VIVO, Bunge Argentina S.A, Cargill Inc, Louis Dreyfus Commodities....)
 - **7** certification bodies
 - **112** auditors qualified (Europe + third countries)

Recognition of other schemes

- If needed by the economic operator or asked by other scheme
- Can be done only **after data gap analysis** because of technical differences between schemes (example: country of origin)
- Example : 2BS has recognized ISCC – EU + country of origin

For more information www.2BSvs.org



2BSvs : biomass biofuel, sustainability voluntary scheme


French economic operators involved in grain production and biofuel supply chain joined in a Consortium to develop 2BS voluntary scheme, aimed to demonstrate through independent audit, compliance of sustainability criteria set by the European Directive 2009/28/EC. This will allow sustainability claims, with respect to the Directive, for biomass used as raw material and biofuels processed from that

News

2BSvs scheme: interpretation guide for the standard STD01 - May 2012

Next 2BSvs auditor training - may 2012

What is the role of the technical advisor?

 *Launching press release K.Guizouarn*



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III. IMPLEMENTATION OF THE SCHEME AND CERTIFICATION

Certification under the 2BSvs scheme

- Rule of 2BSvs: The certification unit is defined as the legal entity of the economic operator having direct ownership of the biomass and/or biofuel
- Certification under 2BSvs for all the legal entities concerned for Sofiproteol:
 - Crusher of seeds, refiners of vegoils:
 - Saipol :
 - HOSO :
 - Lesieur :
 - Producer and trader of FAME:
 - DI/DII :Diester industrie and Diester Industrie International
 - Novaol srl :
 - Oléon NV/Oléon Biodiesel :
 - MBF :
 - Novaol Austria:
 - Expur :

Conclusion: Why do we use and recommend the 2BSvs scheme?

- Scheme developed by the whole chain from the first gathering point to the biofuels producers
- Covers all the sustainability criteria of the Directive 2009/28/EC (with the exception of high biodiversity grassland).
- No mandatory further criteria, only recommendations
- Reliable and transparent
- Practical: mass balance system taking into account the seeds market specificities
- Flexible: different ways to prove the conformity
- Economic: no fee per ton, only one annual fee, certificate valid for 5 years
- Used by many majors



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Thank you for your attention