

Solid recovered fuel – a sustainable option for Spain

The international transport of SRF
Search for new markets



Geocycle?

A Belgian company of Holcim (Cement producer) providing substitution waste fuels and substitution raw materials for cement plants.

A commercial name for companies of the group dealing with similar activities
(Albox in Andalusia)

Reasons for international shipment of SRF

Adequation between SRF production and use for

quality

quantity

Need for back up in case of shut down of the SRF production unit of the SRF user

Reasons for international shipment of SRF

- Avoidance of monopolistic market
- Natural market out of the country for installation located near a border
- Seasonal adequation between production and use.
- Commercial aspects
 - Prices, multiple providers,.....

Free movement of SRF within the EU ?

- Eases the good functioning of the internal market,
- problems linked to different interpretations of the Waste Shipment Regulation (WSR)

Procedure to apply:

- Green waste procedure: only contract required and documentation following the delivery
- Other cases: notification prior to the delivery, with contract, bank guarantee, prior consent of the authorities involved,.....

Identification of SRF in the context of the WSR

- No dedicated entry for SRF within the European list of Waste
 - 19 02 03 premixed wastes composed of non haz. Wastes
 - 190210 Combustible wastes other than.....
 - 191212 Other wastes from mechanical treatment...
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Identification of SRF in the context of the WSR

- No dedicated entry on the Basel list of Wastes
- No exclusivity for the use of the name SRF

Identification of SRF in the context of the WSR

- Some entries in the Basel list are possible, like B3010:
 - Scrap plastic of non-halogenated polymers and copolymers, including but not limited to the following :
 - — ethylene
 - — styrene
 - — polypropylene
 - — polyethylene terephthalate

Procedure to apply

- Basel Convention:
 - Green + green = green
- EU WSR:
 - Green + green is not green, unless in Annex III A or B

Interpretations of the WSR for the use of the green procedure

- Discussions about the level of contamination
- Should be based on hazardous properties and the problems for possible recovery

Interpretations of the Basel list

- Existing situation :
B 3010 Scrap of PE, PP, PET,... is
green list



Interpretations of the Basel list

- New position of the European commission:
 - Each type of plastic has to be considered separately
 - Mixture of different plastics are not green waste

New Interpretation of the Basel list



PET

HDPE

PP

Paper

Glue

Inks

Contaminants

Other problems to consider

- Preauthorized installations: 3 years or 1 year?
- Controls during the shipment by the authorities based on a single analyse of a loading, but the classification of SRF is based on statistical composition

Conclusions:

- There is a market demand for the shipment of SRF
- Administrative burdens in case of international shipment of SRF should be limited to where there present an added value for the protection of the environment.

Conclusions:

- The procedures to apply in case of international transport of SRF should be clarified, and as far as possible, green procedure should apply to the shipment of SRF when produced in compliance with the future European standard for SRF.

- Thank you

