



Feeding Fats Safety



FEEDING FATS SAFETY

One-Year Meeting

9-10 February 2006 - Barcelona

WP-1: Characterization and classification of feeding fats
(preliminary results)

Sample collection

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(SSOG - IT)

Barcelona, 10 February 2006



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WP 1 - Characterisation and Classification of Feeding Fats

WP 1 can be split in 4 different subtasks:

SUB 1: Individuation of feedstocks

SUB 2: Classification of feedstocks
(technology, chemical composition)

SUB 3: Evaluation of degradation products

SUB 4: Evaluation of contaminants

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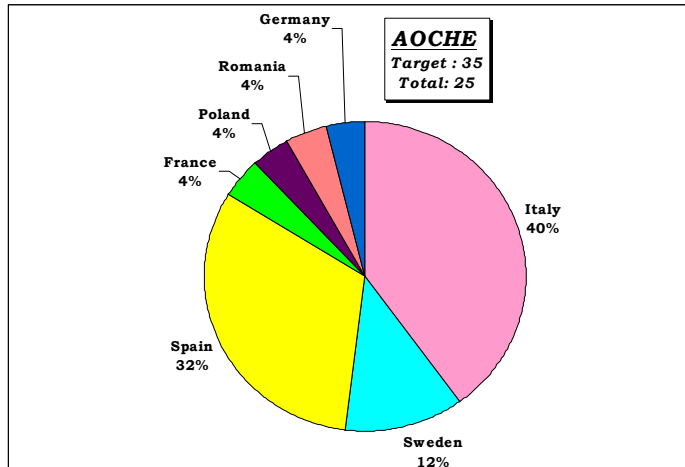




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WP 1 - Characterisation and Classification of Feeding Fats

Sampling situation: Acid oils from chemical refining



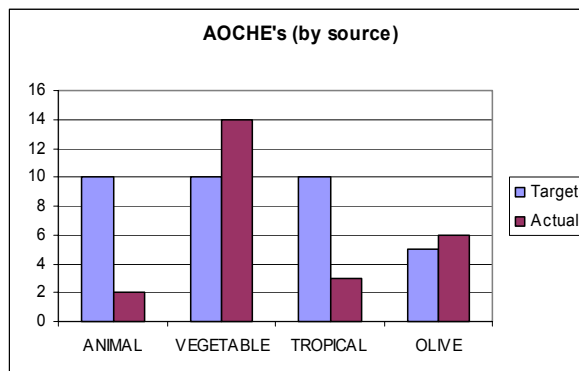
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Sampling situation: Acid oils from chemical refining



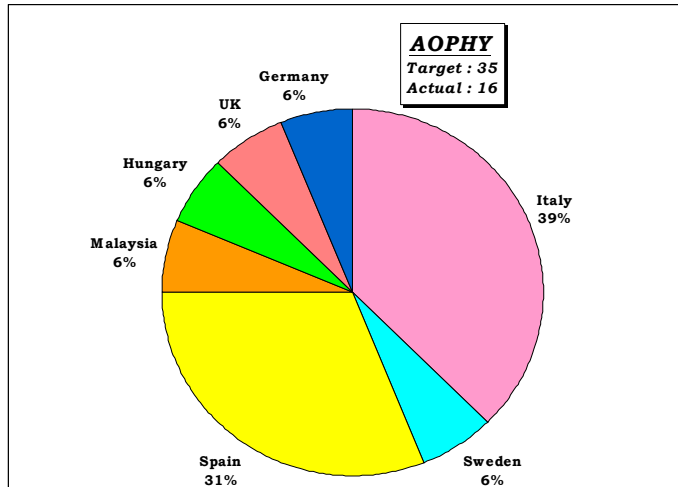
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Sampling situation: Acid oils from physical refining

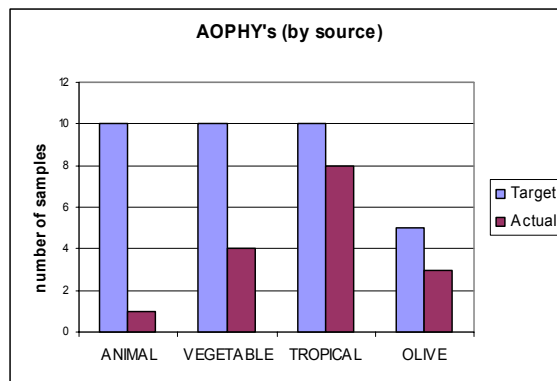


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Sampling situation: Acid oils from physical refining



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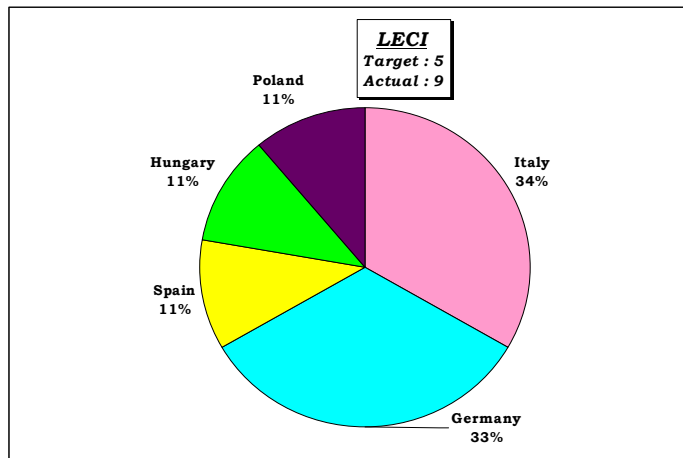




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Sampling situation: Lecithins



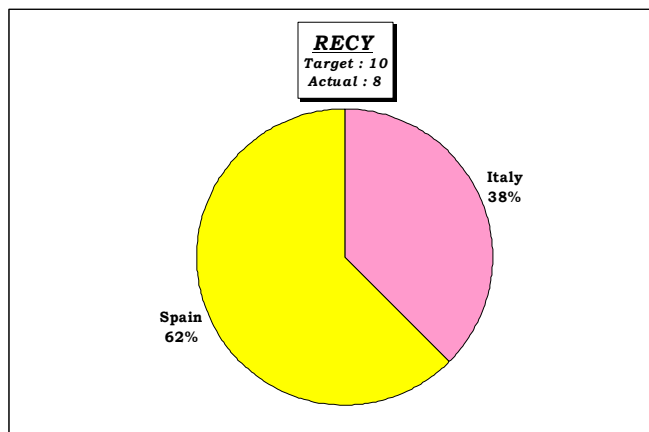
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Sampling situation: Recycled coking oils



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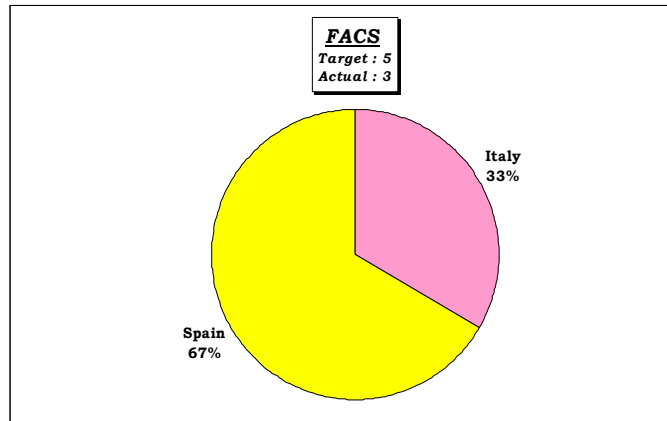




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Sampling situation: Fatty acid calcium soaps



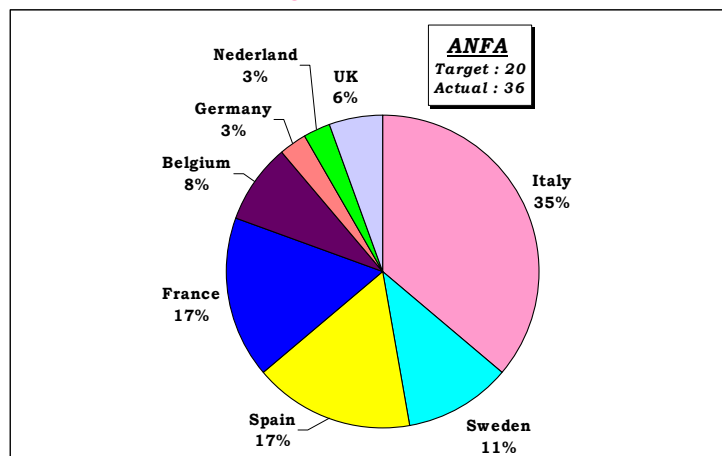
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Sampling situation: Animal Fats



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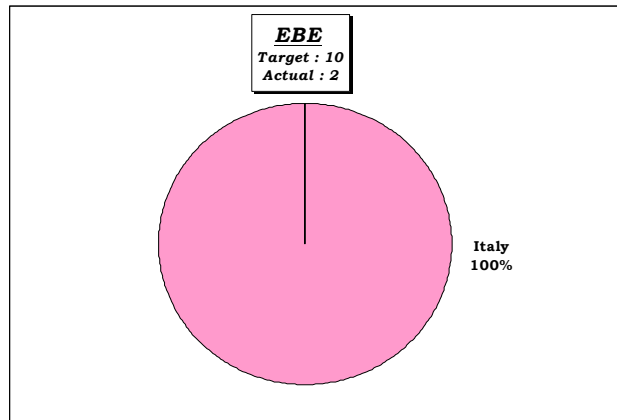




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Sampling situation: Oils extracted from exhausted bleaching earths



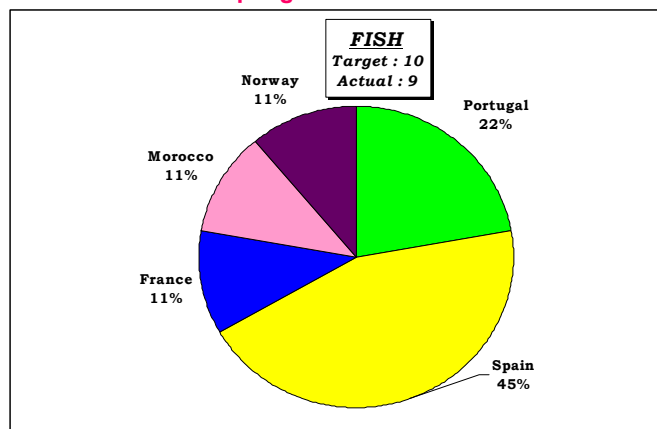
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Sampling situation: Fish oils



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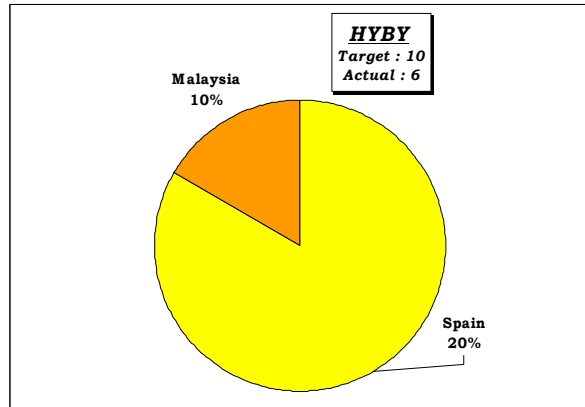




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Sampling situation: Hydrogenated by-products



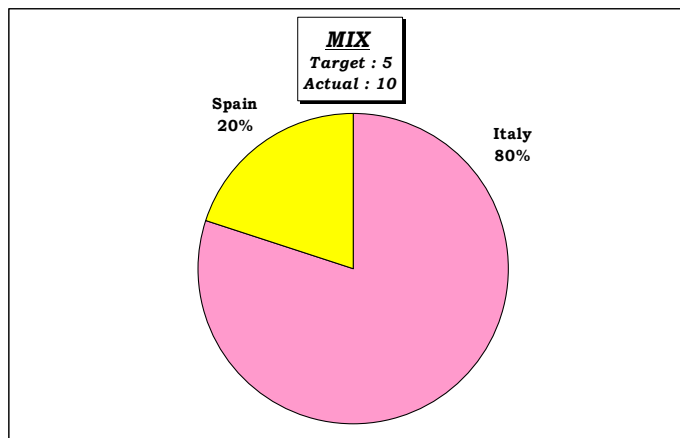
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Sampling situation: Miscellaneous



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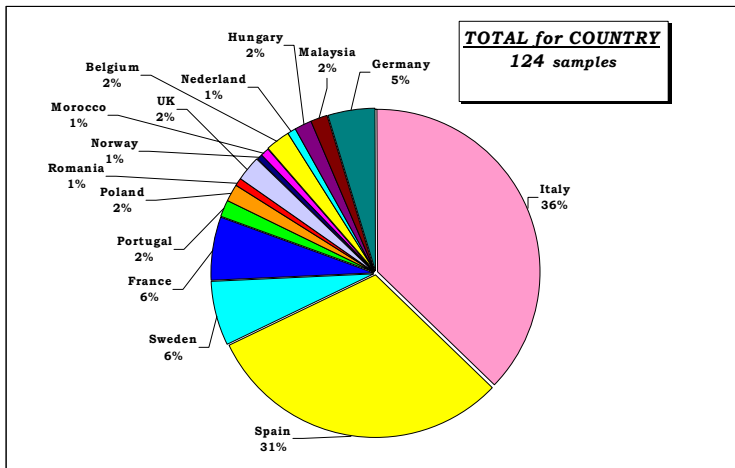




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WP 1 - Characterisation and Classification of Feeding Fats

Total samples



TOTAL for COUNTRY
124 samples

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WP 1 - Characterisation and Classification of Feeding Fats

Sample arrival in SSOG



Form titled "FEEDING FATS SAFETY SAMPLING FORM".

Fields include:

- Sample temporary code (to be filled by SSOG)
- Production date
- Batch no.
- Sampling date
- Sampling place
- Country of origin of feedstock
- Sampling instrument
- Nature of sample (check the correct nature):
 - Animal by-product
 - Plant by-product
 - Other
- Production process (check the correct process):
 - Animal by-product
 - Plant by-product
 - Other
- Description of production technology (in comprehensive as possible)
- Antioxidant addition (nature and concentration)
- Sample permanent code (to be filled by SSOG)

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WP 1 - Characterisation and Classification of Feeding Fats Sample melting and homogenisation



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WP 1 - Characterisation and Classification of Feeding Fats Preparation of sub-samples



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WP 1 - Characterisation and Classification of Feeding Fats Samples ready for delivery



- * 124 collected samples
- * 868 sub-samples prepared and distributed
- * sub-sample size
100 ml $<V < 1000$ ml

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