NETS COLLECTION AND RECOVERY THE FRENCH EXPERIENCE

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INTERNATIONAL RECYCLING FORUM

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ADIVALOR[®]



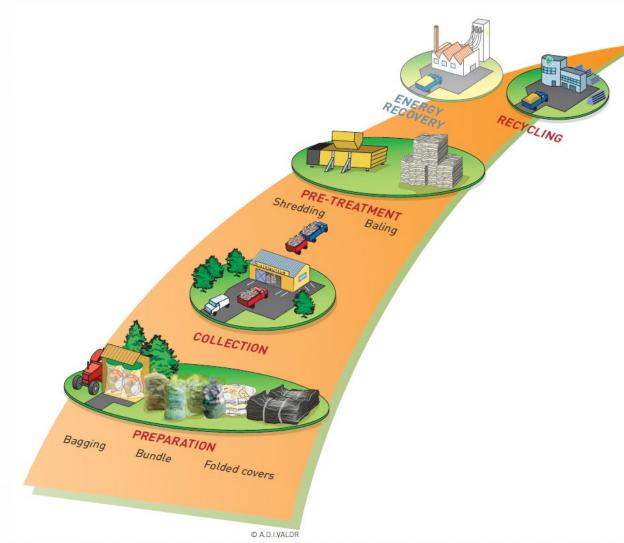
THINK CIRCULAR !





The organisations representing the Plastic Industry (CPA), Plant Protection Industry (UIPP,UPJ), Fertilizer Industry (UNIFA, SOVEEA), Seed Industry (UFS, ARES), Hygienic Industry (SEPH), the coopératives (Coop de France, InVivo), private distributors (FNA) and farmers (FNSEA,APCA) support A.D.I.VALOR.

FROM FARM TO RECOVERY



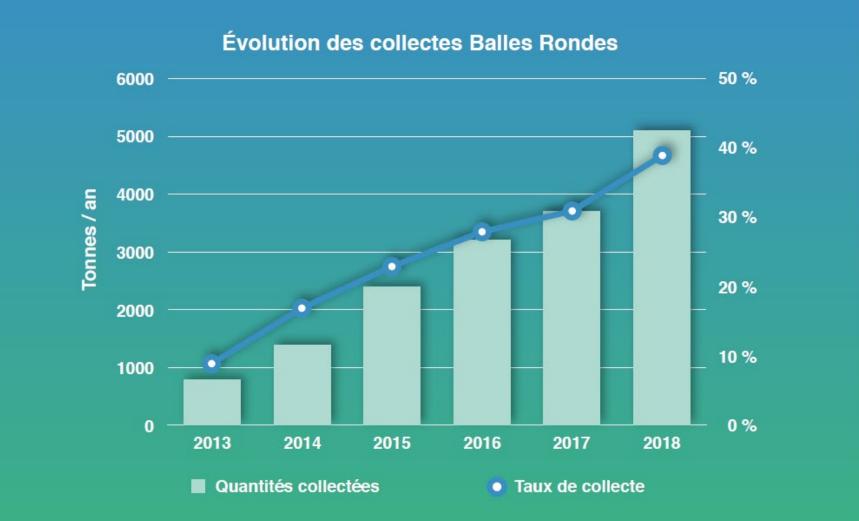
→84 sorting, preparation and pretreatment platforms

1300 collecting operators
(7000 collection points)

→300 000 farmers

COLLECTION QUANTITIES COLLECTED

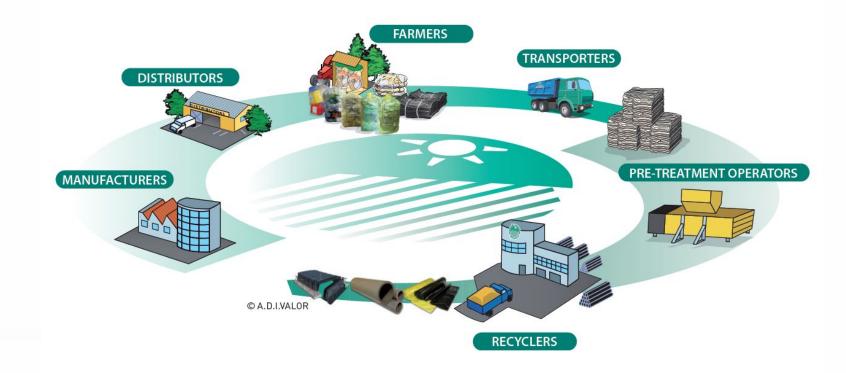




PEDAGOGICAL ASPECTS OF A.D.I.VALOR

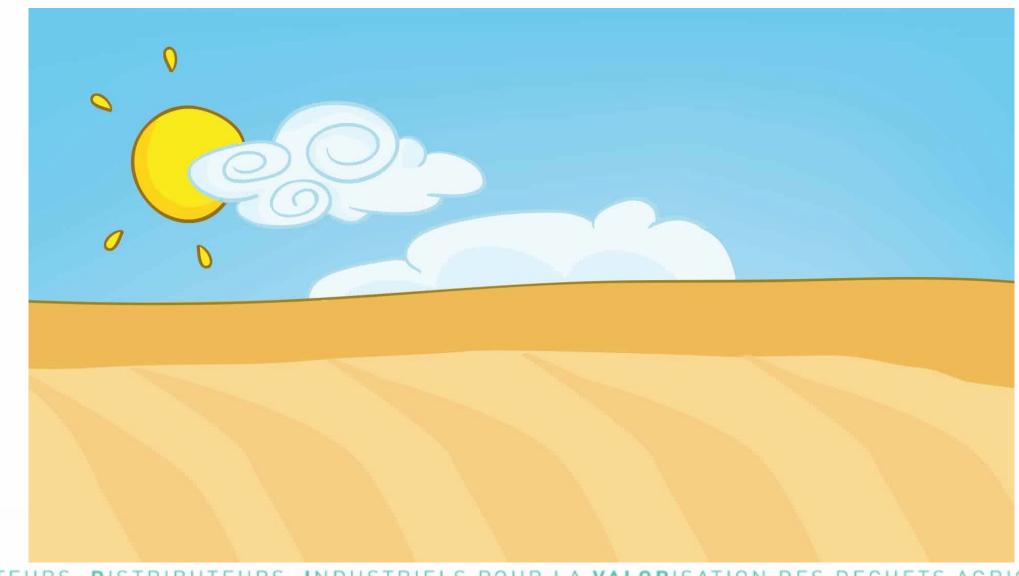


How A.D.I.VALOR would guide farmers towards better quality and quantities to collect ?





Sorting on farm – « La minute Recyclage »



SORTING ON FARM - FLYERS





SORTING ON FARM - BACKBOARD







Collection site - Material quality





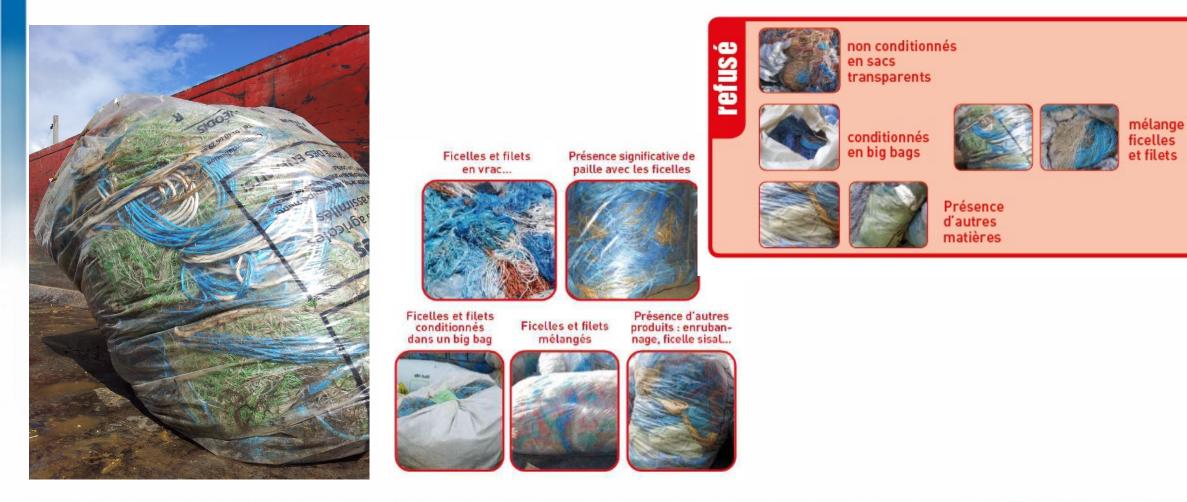
Filets secoués, dans des sacs transparents





COLLECTION SITE – MATERIAL QUALITY





COLLECTION SITE





COLLECTION SITE – FOUR STEPS TO APPROVE THE COLLECTION





*Voir fiche annexe "Fiche de contrôle par programme"

Je délivre une attestation de remise de déchets*

À chaque agriculteur

Si il m'en manque, j'en demande à mon responsable.

*Voir fiche annexe "ARD"

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Je charge les déchets

 Je fais peser les déchets par catégorie si j'ai un pont bascule sur le site.



Bordereau de suivi des déchets Monte of a local state Description Descrip Description <thDescrip</th> Je remplis les documents que le prestataire me présente La fiche de suivi de prestation (FSP) manage group concerns as 21 ע נוגע ענט ענט אאאראי un un mu mu n Voir fiche annexe "FSP" Advant Res. Personne december to Minister : dame die oblechen when gewe oblechen Le bordereau de suivi de déchets (BSD) Nº di CAP di cer advise Online of designed interiority of the local distance in the шшцч Voir fiche annexe "RSD" Considence: Contails C Repairs C process a dire des reglammen Alles, Alles, Alles, Alles, Miller, Biller, Biller, Barr need Diama Distant DORY D RA



TRANSPORT AND BALING - OPTIMIZATION



*Intervention combinant ou non ces 2 articles avec 1 minimum de : - 500 Kg de ficelles ou 500 Kg de filets











WAY TO RECOVERY

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- → Some recycling and valorization processes :
 - Energy : main valorization process for now

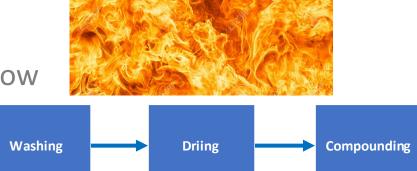
Shredding

Wet recycling for nets :

injected for some kind of composites (straw/HDPE/LDPE) and final applications in building protection

 Dried recycling : RecyOuest process. Create a high performance rHDPE equal to virgin HDPE to have many possible applications

> Agriculture Plastique Environnement



FINAL USES

- → Applications for rHDPE :
 - Many building applications

Automotive sector

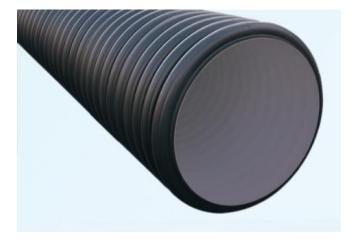


Roads bitumen

Pipes (sewed water, gas, oil)









CONCLUSIONS: NEXT STEPS



- → Improve and develop these experimental processes :
 - Build recycling units based on industrial tonnages
- → Improve rHDPE incorporation in same applications
- → Improve rHDPE uses in new products replacing virgin HDPE
- → Disseminate the technology over all European countries with cattle farming (and worldwide)





moi

ie recycle

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je recycle!

Thank you for your



plastiques



emballages