

Compostability

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Examples of Compostability Logos

| Description | Australasian Seedling Industrial Composting | Australasian Seedling Home Composting | Seedling Industrial composting | OK compost Industrial composting | OK Compost Home Composting |
|-----------------------|---------------------------------------------------|---------------------------------------------------|--------------------------------|----------------------------------|----------------------------|
| Region | Australia everything/ NZ compostable bin liners | Australia everything | Europe | Europe | Europe |
| Logo | | | | | |
| Verification | Australasian Bio plastics association/ DIN CERTCO | Australasian Bio plastics association/ DIN CERTCO | DIN CERTCO | TÜV AUSTRIA | TÜV AUSTRIA |
| Over arching standard | AS4736 | AS 5810 | EN 13432 | EN 13432 | Variation of EN 13432 |

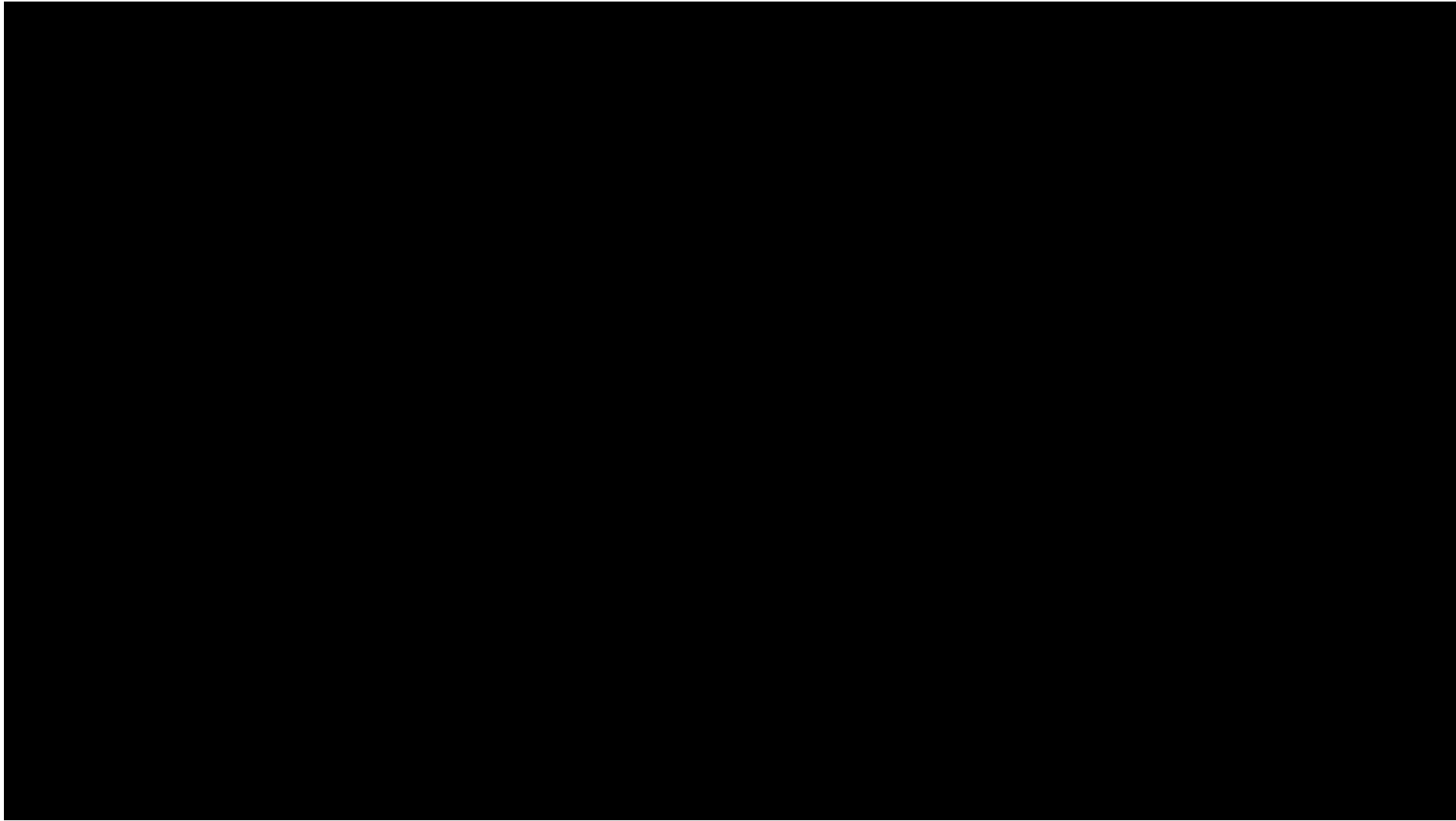
| Description | DIN Industrial | DIN Home | Biodegradable Products Institute / US Composting Council | Bureau de normalisation du Quebec | Japan BioPlastics Association (JBPA) | Finland |
|-----------------------|----------------|---------------------|----------------------------------------------------------|-----------------------------------|--------------------------------------|---------|
| Region | Europe | Europe | USA | Canada | Japan | Finland |
| Logo | | | | | | |
| Verification | DIN CERTCO | DIN CERTCO | DIN CERTCO | Bureau de normalisation du Quebec | Japan BioPlastics Association (JBPA) | ? |
| Over arching standard | EN 13432 | AS 5810/NF T 51-800 | ASTM D6400/ASTM D6868 | ISO 17088 | Greenpla | ? |

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All compostability standards include:

1. Chemical characterisation/Heavy metal analysis
2. Biodegradation
3. Disintegration
4. Compost quality

Biodegradation



Disintegration



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Compost Quality/Ecotoxicity



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Summary

- Discussions are underway what NZ compostability standards should look like
- In the meantime the general recommendation is materials should be accredited to at least one of the existing accredited labelling schemes
- Study to understand the difference between standards and real life conditions



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Thank you!



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