

Is significant leakage* of application evident?

→
NO

The application is not problematic at this stage. It will be out of scope for the ILBI-PP but voluntary improvements for circularity may be advisable.

* Leakage values to be monitored on a national level

YES (in scope of ILBI-PP)

Improvement options along the waste hierarchy

1. Can circularity framework be improved in line with sustainability criteria?

Is it resource-efficient, reusable, and/or repairable?

YES
→

NO ↓

Is it recyclable & recycled?

YES
→

NO ↓

Are there available technologies to reuse and/or recycle the product?

YES
→

NO ↓

Is re-design for circularity possible?

YES
→

IF YES:
The plastics application is not problematic.
> However, action is required in the ILBI-PP to introduce enabling framework to drive plastics circularity, including technological improvements and educational campaigns for behavioural changes.

Assessment of the leakage to be carried out every 5 years.

NO

2. Can waste management be improved?

Can the local waste collection and sorting system be improved to avoid leakage?

YES
→

NO ↓

Is waste offtake option for certified recycling (domestic / internationally) in line with the Basel convention?

YES
→

NO ↓

Are there incineration with energy recovery options?

YES
→

NO ↓

Are there landfilling options?

YES
→

The application is not problematic.
> However, action is required in the ILBI-PP to introduce enabling framework to drive plastics circularity, including technological improvements and educational campaigns for behavioural changes.

IF YES:
The application needs circularity improvements to move up the waste hierarchy due to the linear treatment of waste.
> Introduce temporary (sector and country specific) exemptions for environmentally controlled landfill technologies.

Assessment of the application to be carried out every 5 years.

NO

3. Is the application essential and does it contribute to societal value?

Is it essential for human or animal health as well as food and transport safety?

YES
→

Does it have important societal value, i.e. enabling energy transition or climate goals?

Is it the best alternative from an LCA perspective?

NO
→

The application is problematic but non-avoidable.
> Recommendations on local waste management and their implementation to be improved.

The plastics application is considered avoidable and problematic and needs to be phased out.

Legend

- MEAs: Multilateral Environmental Agreements
- ILBI-PP: International Legally Binding Instrument on Plastic Pollution

- EOL: End of Life
- LCA: Life Cycle Assessment