



European  
Commission

# Aganfoils

No plastic too tough to recycle



Attero B.V. in Wijster, the Netherlands, recovers reusable materials and converts them into new products.

Photo: Aganfoils

## OUR STORY

Attero B.V. recycles waste from one in three Dutch households. In our drive to recover reusable materials and reduce landfilling, we have pioneered cutting-edge technologies to extract reusable materials from domestic waste on an industrial scale, either converting them into energy or reprocessing them as new products.



Circular economy



Waste reduction



Environment

## Larger with Life

Between 2016-2019, the EU LIFE Programme will invest €3 million in the €28 million Aganfoils project to recycle low-density polyethylene (LDPE), the kind of plastic often used in food wrapping and shopping bags. LIFE supported the construction of two recycling facilities in which Attero B.V. now supports the circular economy by transforming intractable LDPE foils into plastic granules that can be recycled into materials that are **as good as new foils (Aganfoils)**.

## EU added value

- **Boosted plastic recycling to 70%**
- **Protect natural environments**
- **Recycling facilities created 28 jobs**

## Prospects

- **Mitigate over 500 tonnes CO<sub>2</sub> a year**
- **Cut foreign imports of petrochemicals**
- **Produce energy from waste heat**

## Achievements

- Demonstrated that plastic foils can be **recycled** as versatile, high-quality plastic granules
- Recycled plastic foils and other sources of LDPE from municipal solid waste
- Launched two **demonstrations plants** capable of recycling over 24 000 tonnes of plastic a year
- Streamlined **water** and **heat recovery** to reduce the environmental impact of the process
- Entered talks with Procter&Gamble to use material for **packaging** dishwasher tablets

## Policy support

- Underpin the EU plastics strategy to make all **plastic packaging recyclable** by 2030
- Recycle **domestic waste** to avoid landfilling as set out as in the EU Waste Framework Directive
- **Safeguard resource** for EU businesses as laid out in the EU action plan for the circular economy

## Contact

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