

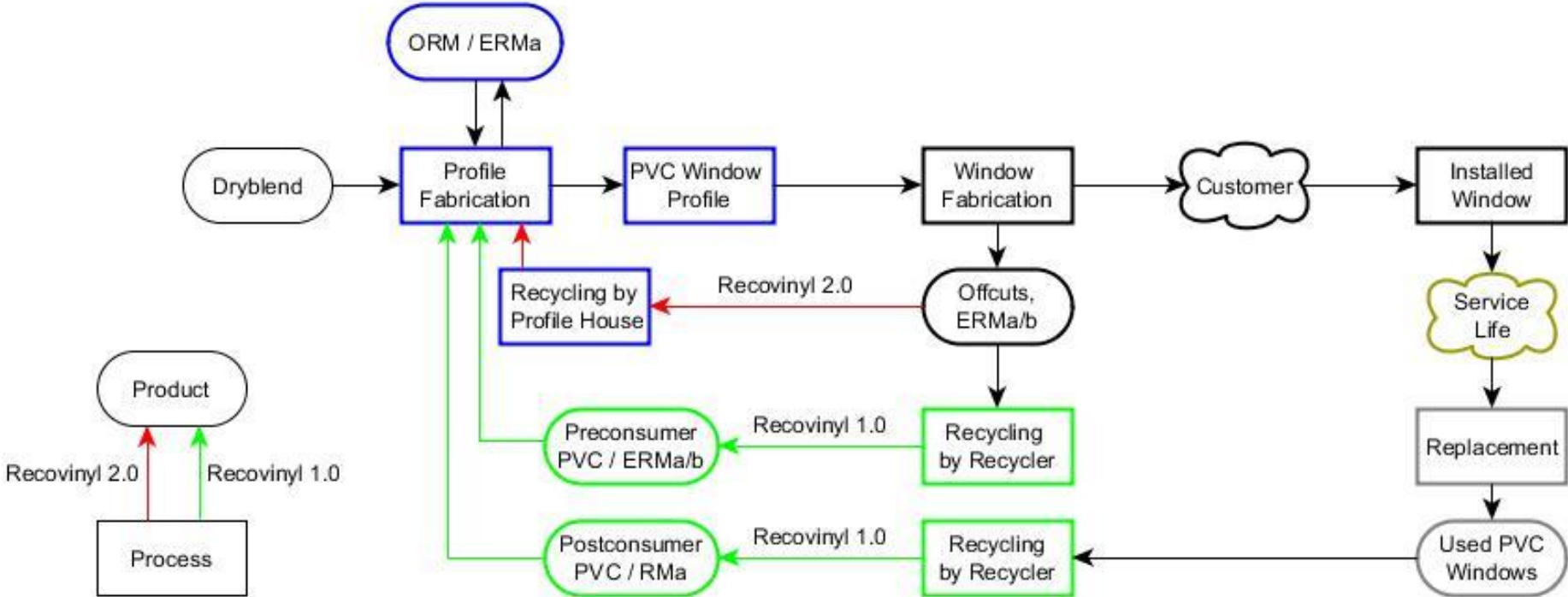
# VinylPlus

## Sector Definitions of Recycling

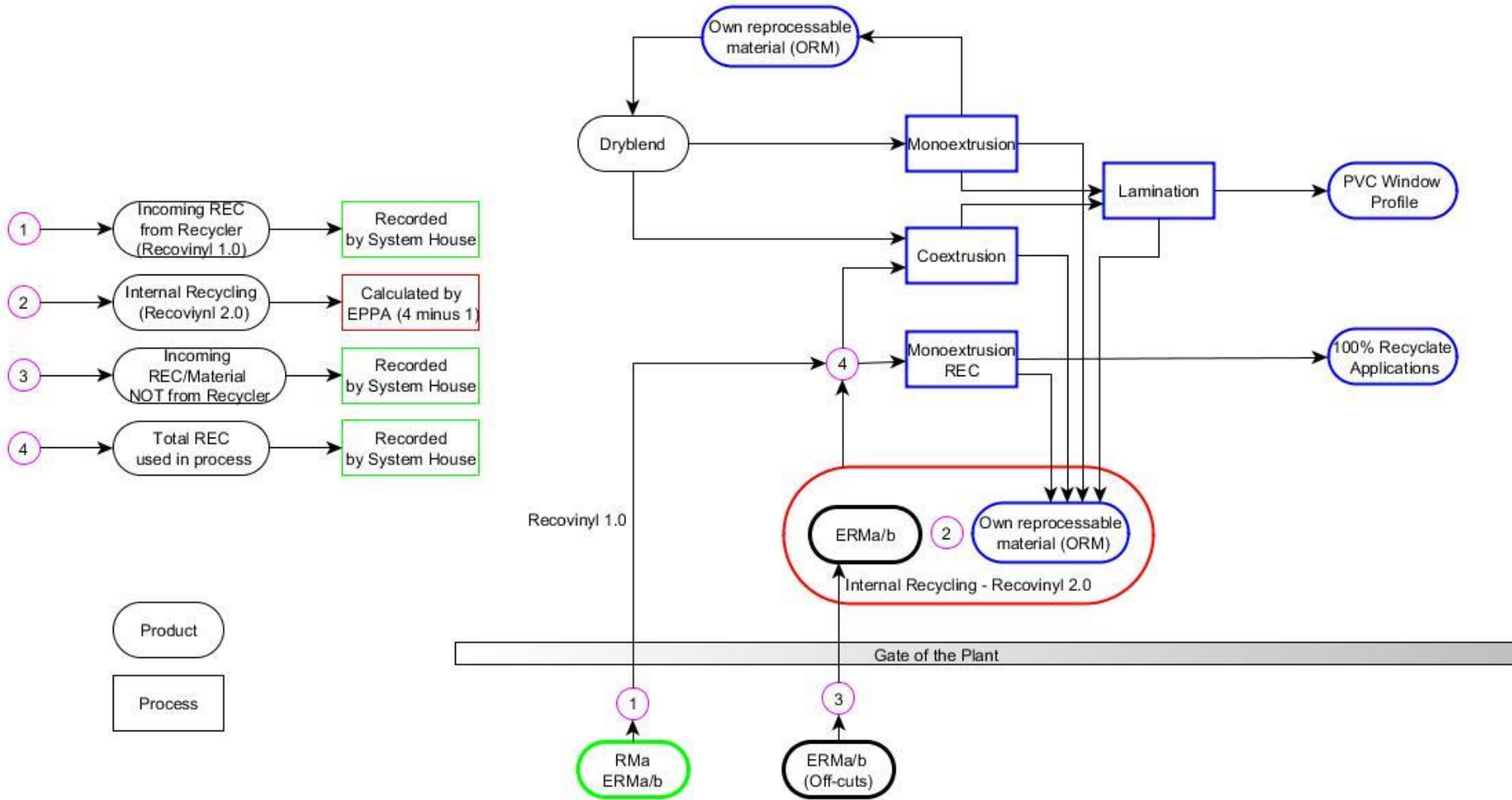
Revision 3, 25 February 2019



# EPPA Definition of Recycling



# Window Profile Fabrication Process Details



# TEPPFA Definition of Recycling

**RECYCLED PVC IS A DISCARDED PVC PRODUCT OR SEMI-FINISHED PRODUCT, THAT IS DIVERTED FROM WASTE FOR USE WITHIN A NEW PRODUCT, PROCESSING WASTE IS INCLUDED PROVIDED THAT IT CANNOT BE REUSED IN THE SAME PROCESS THAT GENERATED THE WASTE**

- **Post-Industrial Waste**
  - ✗ Excluded – Factories (Extrusion/Injection Moulding)
    - ✗ Waste that can be re-used directly in the same process that generated the waste
      - ✗ E.g. injection moulded stubs that are ground back directly into the injection moulding machine
  - ✓ Included – Factories (Extrusion/Injection Moulding)
    - ✓ Production Waste that cannot be re-used directly in the same process that generated the waste:
      - ✓ Start-up material
      - ✓ Quality reject products
      - ✓ Quality test products and storage yard waste
- **Post-Consumer Waste**
  - ✓ PVC pipes from building traders, construction, municipalities, utility, agriculture and telecom companies
    - ✓ Sorting, Cleaning, non-plastics removal, crushing, micronizing, homogenizing
  - ✓ All approved, sold, finished products go to customers + material from
    - ✓ Deconstruction/demolition waste
    - ✓ Sorting companies for building and construction waste
    - ✓ Municipal waste sites

# EPFloor

## Definition of Recycling

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- **Post-Industrial Waste**
  - ✗ Excluded - Processing waste that can be re-used in the SAME\* process that generated the waste
  - ✗ Rejected material of identical, single foil composition, incl. edges
  - ✓ **Included – Factories (Floor Covering Waste)**
    - ✓ **Flooring Waste:**
      - ✓ Re-used in OTHER internal processes or sold to other flooring manufacturers or other converters
- **Post-Consumer Waste**
  - ✓ Post-consumer waste from used flooring after renovation, demolition
  - ✓ Internal re-use of off cuts
  - ✓ Waste generated from the above streams which is then provided to a recycler

\*same process meaning: passing/using the same type of production line with the same raw material composition to arrive at the same semi-finished/finished product.

# Film & Sheet Definition of Recycling

revised ERPA NOV 5 2014

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- **Post-Industrial Waste**

- ✗ **Excluded** – Factories (Calender and Extruder Manufacturers)

- ✗ Processing waste including:

- ✗ Kneading waste
    - ✗ Clippings and Edge Trimmings
    - ✗ Storage yard waste material including sweepings and chips
    - ✗ Hot grinding

- ✓ **Included** – Factories (Calender and Extruder Manufacturers)

- ✓ Cold grinding, any scrap adapted and reformulated (chemical/process)

- ✓ Roll Waste:

- ✓ Not usable for the same product
      - ✓ Roll waste and Edge Trimmings from
        - ✓ PVC/PE Composites
        - ✓ PVC/PVDC
        - ✓ PVC/Substances Materials

- **Post-Consumer Waste**

- ✓ Post-consumer waste from and to the following industries:

- ✓ Monofilms → PVC films
    - ✓ Laminates → PVC plates
    - ✓ Coated → PVC sheets
    - ✓ Painted → PVC articles metallised & printed

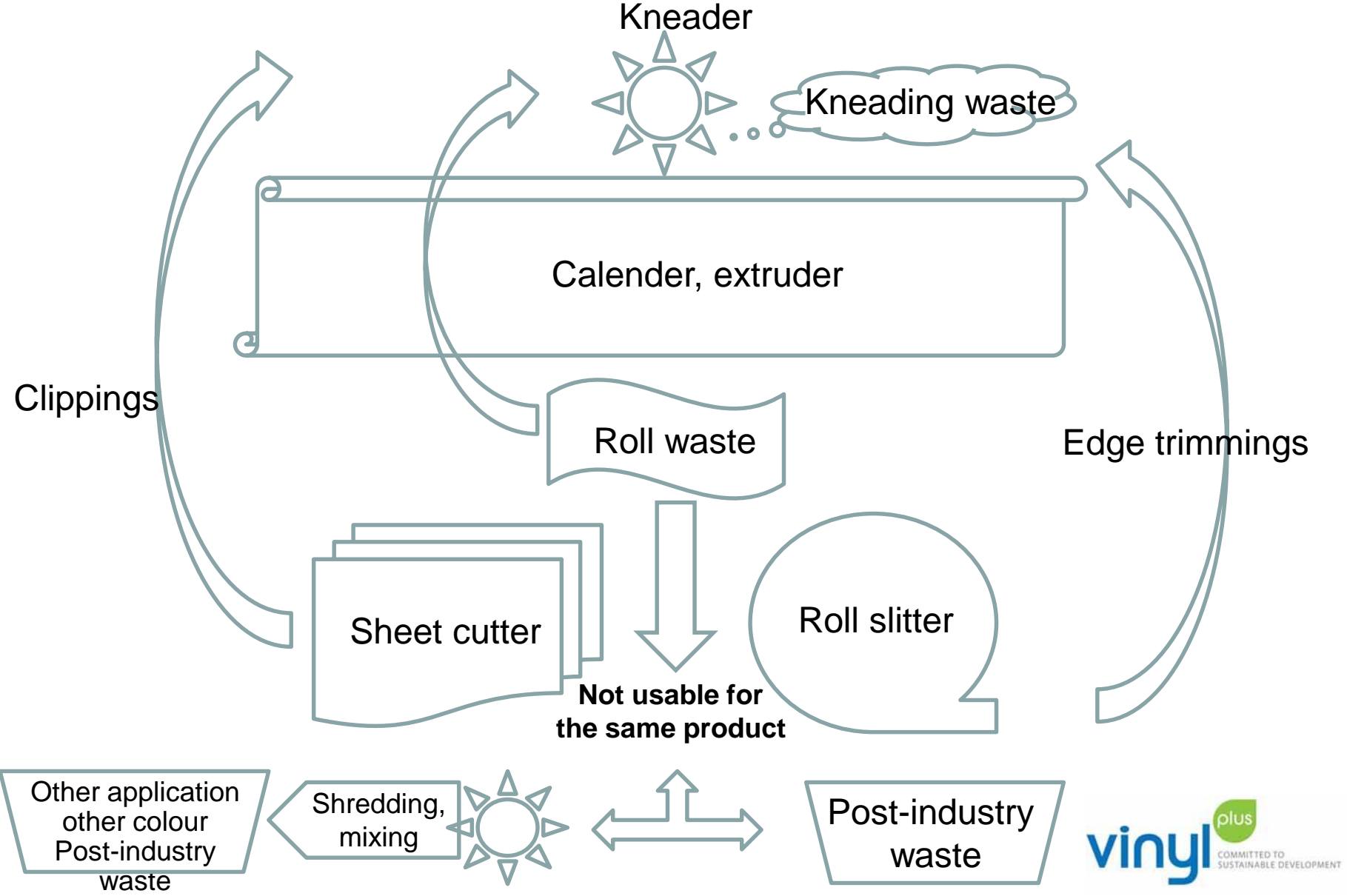
# Roofing and Waterproofing

## Definition of Recycling

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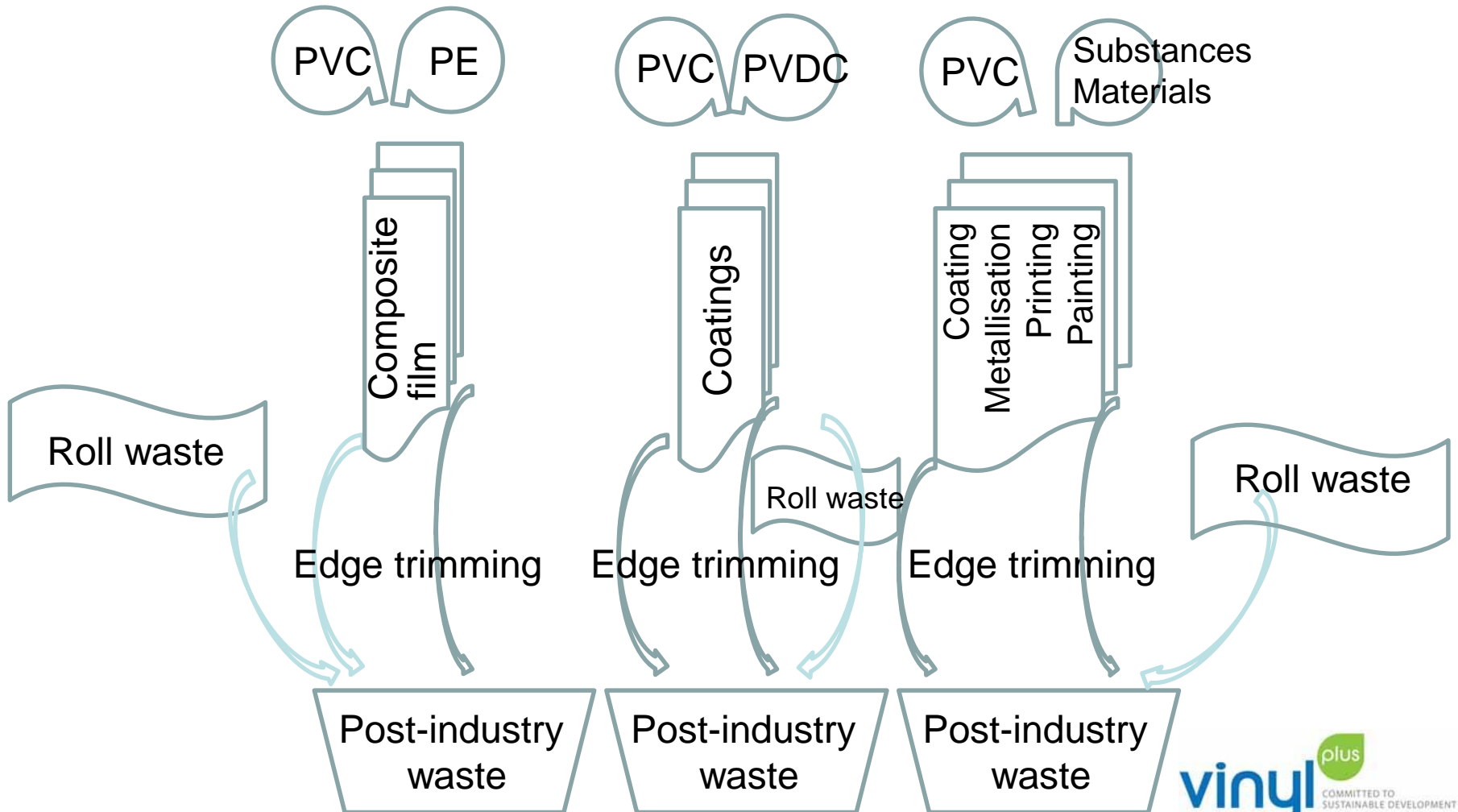
- Post-Industrial Waste
  - ✗ Excluded – Factories (Calender and Extruder Manufacturers)
  - ✗ Processing waste including:
    - ✗ Kneading waste
    - ✗ Clippings and Edge Trimmings
    - ✗ Storage yard waste material including sweepings and chips
  - ✓ Included – Factories (Calender and Extruder Manufacturers)
    - ✓ Roll Waste:
      - ✓ Not usable for the same product
      - ✓ Roll waste and Edge Trimmings from
        - ✓ PVC/PET Composites
- Post-Consumer Waste
  - ✓ Post-consumer waste from and to the following industries:
    - ✓ Coated → PVC sheets
  - ✓ All approved, sold, finished products go to customers + material from
    - ✓ Deconstruction/demolition waste
    - ✓ Sorting companies for building and construction waste
    - ✓ Municipal waste sites

# Industrial waste rigid and soft PVC films not part of VinylPlus self-commitment

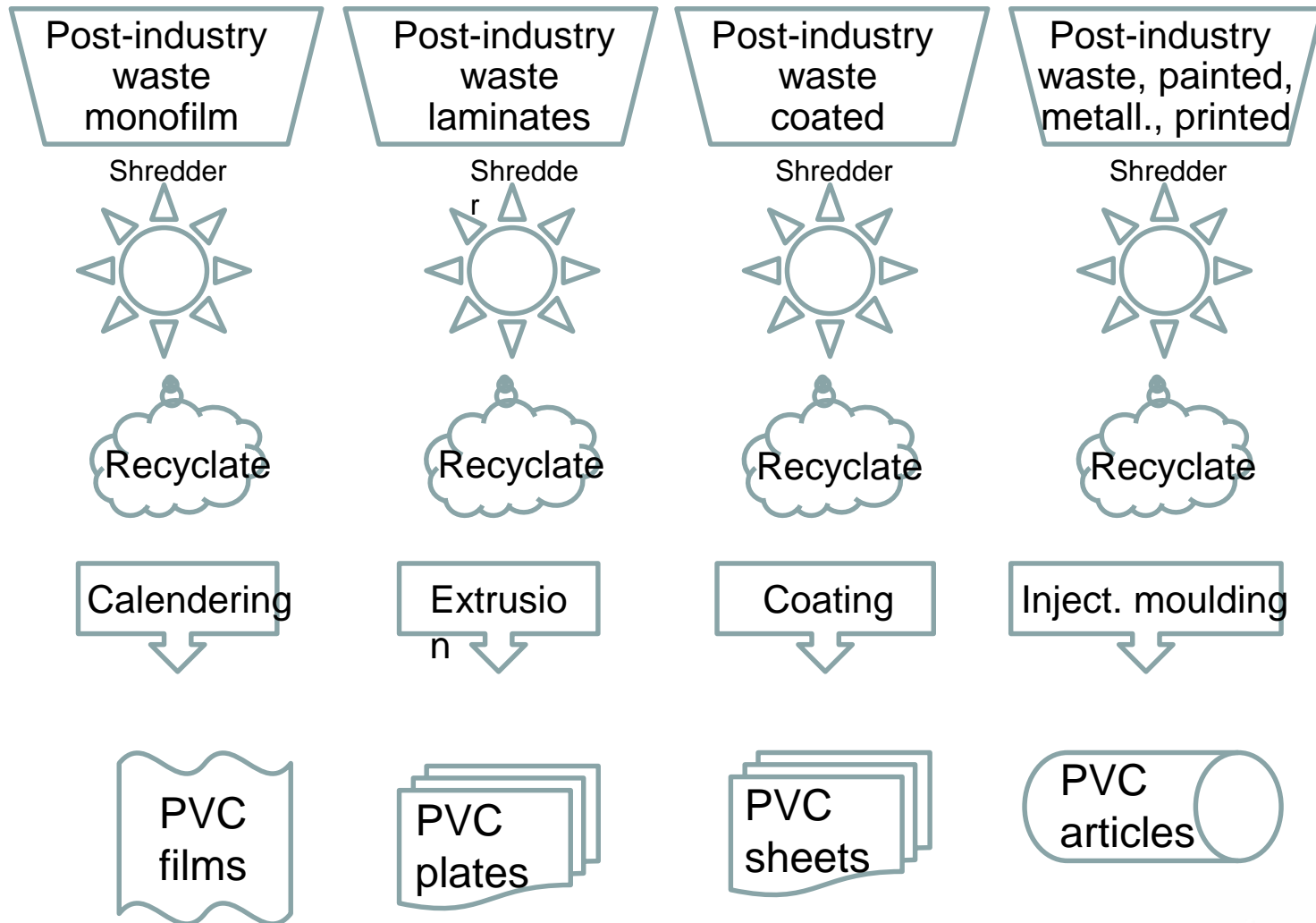




# Post-industry waste part of VinyPlus self-commitment



# Recycling of PVC post-industry waste to new products within the scope of VinylPlus



# Cable

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- Post-Industrial Waste
  - ✗ Excluded – Factories (Extrusion)
    - ✗ Waste that can be re-used directly in the same process that generated the waste
      - ✗ Start up waste extruded directly back into the extruder
      - ✗ Storage yard waste material including sweepings and chips
  - ✓ Included – Factories (Extruder Manufacturers)
    - ✓ Cable Waste:
      - ✓ Not usable in the SAME product such as contaminated with metals etc.
- Post-Consumer Waste
  - ✓ Post-consumer cable from the demolition industry or scrap cable from electrical industry which has been stripped of copper etc and re-used in either:
    - ✓ New Cable applications for bedding or
    - ✓ Non-cable applications e.g. traffic management systems etc.