France has provided consumers with collection of unused medication since 1993.\(^1\) Article 32 Law No. 2007-248 of 27/2/2007 currently ensures that ALL pharmacies are required to collect medication at no cost to the consumer.\(^2\) The French pharmaceutical industry has the responsibility to fund all drug take back and disposal programs under Decree No. 92-337 of 1/4/1992.\(^10\)

**Organizing Body:** The non-profit organization, Cyclamed, was created in response to the decree of April 1, 1992. Cyclamed collects unwanted medications, which patients bring to their local pharmacies for proper disposal.\(^1\) Cyclamed conducts general education about their program to the public, health professionals, and environmental stakeholders.\(^2\) Collected medication is then transported for disposal.

**Costs & Funding:** All wholesalers and dispatchers provide empty boxes free of charge directly to pharmacies as a part of their normal medicine delivery route.

Cyclamed is funded by pharmaceutical manufacturers, their contribution is based on the number of medicine boxes placed on the market.\(^3\)

**Program Facts:** 11,083 tons of medicine was collected in France in 2017.

As of 2017 100\% of retail pharmacists (21,793) and pharmaceutical manufacturers (191), participate in Cyclamed drug take back.\(^4\),\(^5\),\(^6\)

**Collection Locations & Accessibility:**

- There was a 6.7\% decrease in tons of medication collected from 2016-2017 which can be attributed to the decrease in drug usage throughout France.\(^5\)

- 79\% of patients declare to depose of unwanted medications at pharmacies.\(^5\)

- Cyclamed has an app that shows consumers a map of nearby collection centers and an option to search accepted medications.\(^11\)
Timeline:

January 1992: Manufacturers required to provide or contribute to the elimination of household packaging waste they place on the market (Decree No. 92-337 of 1/4/1992).\textsuperscript{10,11}


February 2007: Article 32 Law No. 2007-248 of 27/2/2007 requires pharmacies to collect unused medicines free of charge.\textsuperscript{9}

June 2009: Decree No. 2009-718 of 17/06/2009 mandates collection and processing of unused industry medicines by pharmaceutical manufacturers.\textsuperscript{7,8}

January 2010: Cyclamed approval order for the collection and destruction of unwanted medicine for human use of January 25, 2010, pursuant to Article R 4211-28 of the Public Health Code.\textsuperscript{7}

Reference List