**Analysis, Review, and Summary of the - Clint Raine Report**

**Overview**

This document provides insights into the **European flexible polyurethane (PU) foam market**, with a focus on **2023 performance and 2024 expectations.** The analysis covers **market production, trade flows, raw material supply, and regional disparities.** Special emphasis is placed on **Türkiye’s role as the largest PU foam-producing region, trade imbalances, and challenges faced by the industry.**

**Key Insights**

**1. Market Performance & Trends**

* **Total PU Flexible Foam Production in 2023**: **1,594,126 tonnes**
  + **PU Slabstock Foam Production**: **1,370,315 tonnes**
  + **PU Moulded Foam Production**: **223,811 tonnes**
* **Industry Turnover**: **5.1 billion EUR**
* **Number of Continuous Foaming Plants**: **173**
* **Estimated Workforce**: **24,380 full-time employees**
* **2024 Outlook**: **Sluggish demand, volatile costs, and economic uncertainty.**

**Regional Slabstock Production Trends (2023)**

* **Türkiye:** **+8.4% growth**, becoming Europe’s **largest slabstock PU foam-producing region.**
* **Eurasia (Russia, Ukraine, Belarus, Kazakhstan, Uzbekistan):** **+41.4% growth**
* **Western Europe:** **Production decline (-5%)**
* **Biggest declines**:
  + **Benelux (-14.2%)**
  + **Scandinavia & Baltics (-15.6%)**
  + **Germany, Austria, Switzerland (-8.9%)**
  + **France (-9.6%)**
  + **Italy & Malta (-6.8%)**

**2. Trade and Supply Chain Developments**

**Imports & Exports**

* **93% of PU foam trade occurs within the EU.**
* **Exports (2023 value):** **€625 million**
  + **25% of exports go to Switzerland**
* **Imports cover 6% of EU PU foam consumption**
* **Rising imports from China** impacting **EU producers.**
* **Türkiye’s exports to the EU increased slightly,** while **exports to the U.S. fell by 90% due to anti-dumping tariffs.**

**3. Raw Material Supply and Pricing**

* **Availability of chemical raw materials improved** in Türkiye.
* **TDI imports increased by 7.1%** in Türkiye.
* **Cost pressures remain volatile:** **energy, labor, logistics, raw materials.**

**4. Industry Segment Breakdown**

**A. End-Use Market Share (Flexible PU Foam)**

* **Bedding:** **50%**
* **Upholstered Furniture:** **35%**
* **Automotive:** **5%**
* **Other Transport:** **2%**
* **Other Applications:** **8%**

**B. Automotive Sector**

* **Production recovery continues but remains below pre-pandemic levels.**
* **Electric Vehicle (EV) growth slowed down.**
* **Automotive PU foam usage showing slow improvement.**

**Datasets for Extraction**

Based on the report, the following datasets can be extracted for further analysis:

**1. Production & Trade Data**

* **Total PU foam production by year (2019-2023)**
* **Regional PU slabstock foam production**
* **Imports & Exports (by country & volume)**
* **Türkiye’s PU industry performance & exports**

**2. Market Segment Data**

* **End-use distribution of PU foam (bedding, furniture, automotive, etc.)**
* **Regional trends in PU foam consumption**

**3. Raw Material Supply & Pricing**

* **TDI, MDI imports & price trends**
* **Cost pressures across the industry (energy, labor, logistics)**

**4. Automotive Sector**

* **PU foam consumption trends in the automotive industry**
* **Impact of EV slowdown on PU demand**

**5. Trade Analysis**

* **China’s growing role in PU imports**
* **EU-U.S. trade shifts due to anti-dumping tariffs**

**Conclusion & Outlook**

* **Türkiye emerges as Europe’s largest PU slabstock foam producer.**
* **Western European production continues to decline, while Eurasia and Türkiye grow.**
* **Trade imbalances and rising imports from China threaten European manufacturers.**
* **Raw material availability has improved, but cost volatility remains a challenge.**
* **The automotive PU market is recovering slowly, but EV adoption is impacting demand.**
* **2024 projections remain uncertain, with weak demand and economic instability.**

Would you like me to proceed with extracting and structuring these datasets into downloadable files?