Kraft Paper Mill's view on :

An urgent challenge impacting the industry

**Management of Odour Emissions** 

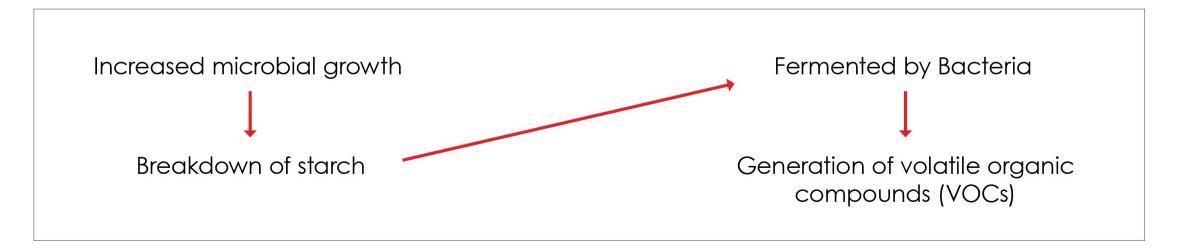
### **Source of Odour Problems**

#### 1. Raw Material - Post consumer and Pre-consumer waste streams

- These materials can carry waxes, adhesives, binding agents, coatings, printed inks, and residual contaminants

#### 2. Starch - The Binding Agent

- Added in its untreated form, it can promote increased microbial growth, especially in high-moisture conditions



### Innovative Treatment Approaches and Additional Solutions:

- 1.Quality Control in Starch Addition
- 2. Incorporation of Antimicrobial Agents
- 3. Optimizing Starch Application Techniques
- 4. Effective Wastewater Treatment Systems
- 5. Continuous Monitoring and Predictive Analytics
- 6. Employee Training and Best Practices
- 7. Research and Development Initiatives



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