



## **FPAC 2013 Energy and Environment Benchmarking Report - Pulp and Paper Sector**

Wednesday, March 10<sup>th</sup> , 2015

## Mill Categories

For the purpose of classifying mills in groups, the following categories were used.

**Category 1: Chemical Market Pulp (excluding DIP/Repulp)**

This category includes all kraft chemical market pulp mills (NAICS 322112). Excludes paper products from chemical pulp.

**Category 2: Papers from chemical pulp or mechanical pulp**

Includes paper grades made from chemical pulp produced onsite, as well as coated groundwood specialties from mechanical pulp (NAICS 322121). Excludes paper from DIP/Repulp and newsprint.

**Category 3: Mechanical Market Pulp, Newsprint, and uncoated groundwood specialty grades and board grades from mechanical pulp**

This category combines mechanical market pulp mills, newsprint and uncoated groundwood grade mills, and a number of small specialty board manufacturers (NAICS 322111, 322122, 322130).

**Category 4: All grades from purchased fibre (recovered paper or purchased pulp)**

This category includes all product grades manufactured from purchased fibre (DIP/repulp) (NAICS 32211X, 322121, 322122, 322130). Excludes product grades from chemical and mechanical pulp made onsite.

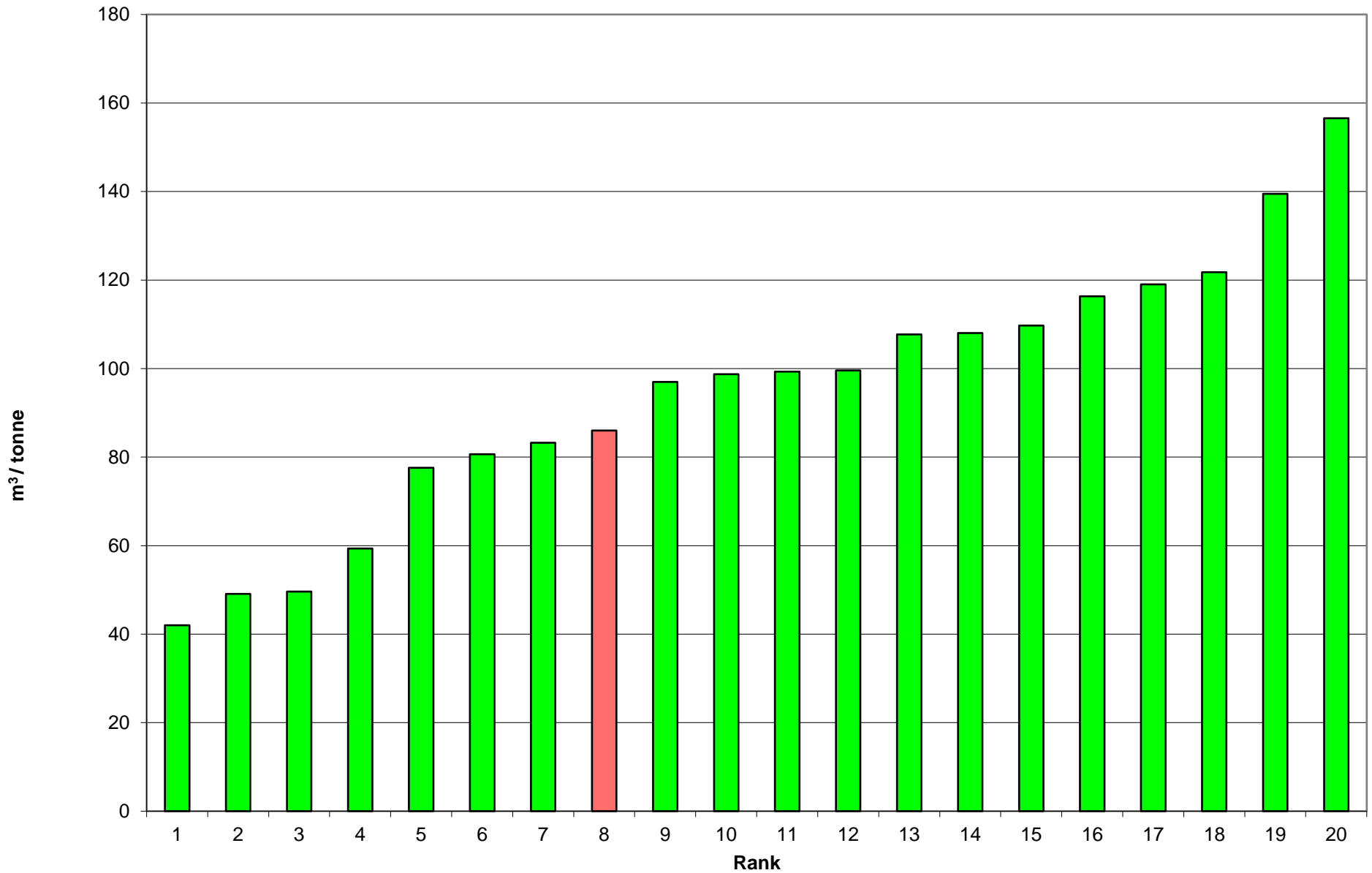
**Category 5: Board grades from chemical pulp**

Includes board mills manufacturing from chemical pulp on site only (NAICS322130). Excludes board from mechanical pulp.

**Summary of Category Numbers used in this report by  
NAICS code and pulping process**

|        | Chem | Mech | Repulp |
|--------|------|------|--------|
| 32211X | 1    | 3    | 4      |
| 322121 | 2    | 2    | 4      |
| 322122 | n/a  | 3    | 4      |
| 322130 | 5    | 3    | 4      |

2013 - FPAC Energy and Environment Survey Results - Mills in Category 1  
Chemical Market Pulp (excluding DIP/Repulp)  
*Total Water Use Intensity*



2013 - FPAC Treated Effluent COD Intensity - Mills in Category 1  
Chemical Market Pulp (excluding DIP/Repulp)  
*Treated Effluent COD Intensity*

