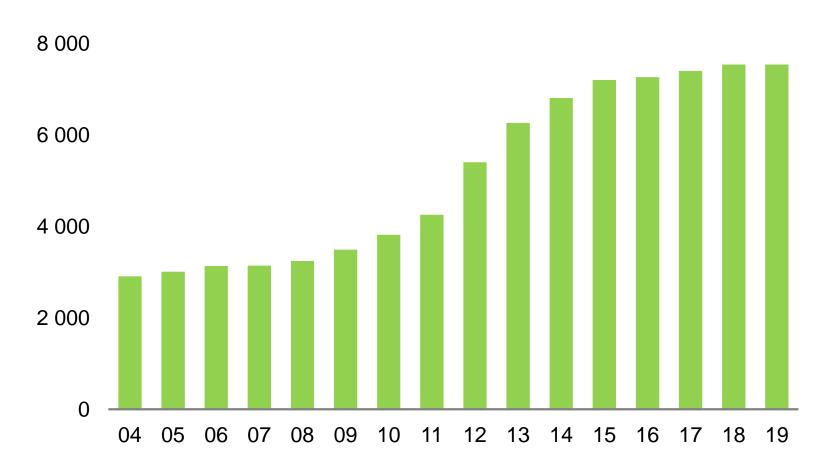


Dissolving Pulp Capacity Changes

- March 2015

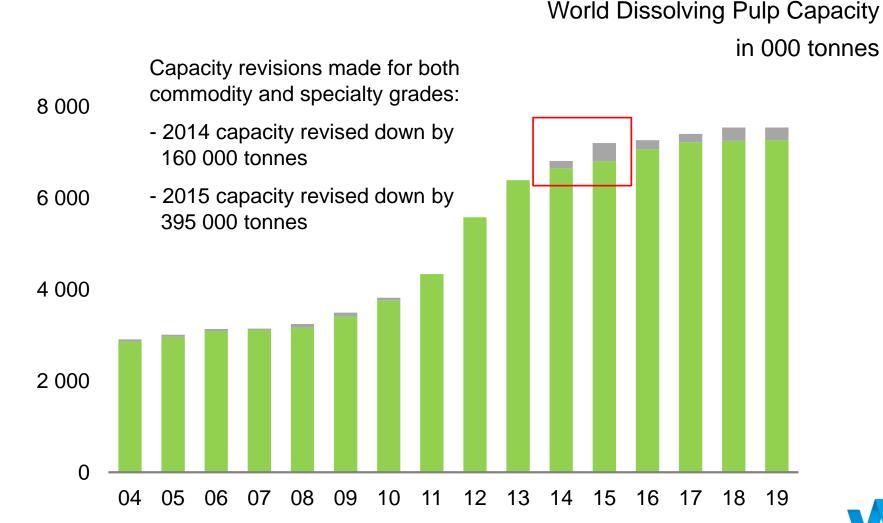
Numera's May 2014 forecast

World Dissolving Pulp Capacity in 000 tonnes





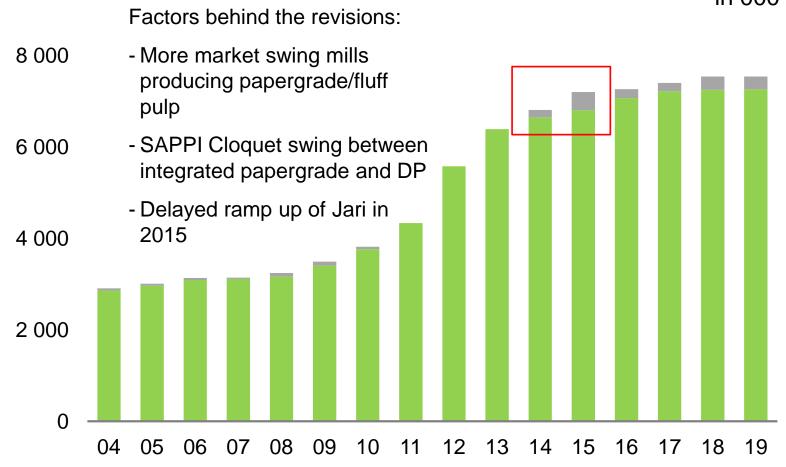
2014-15 base now revised down





Changes in grade mix main factor

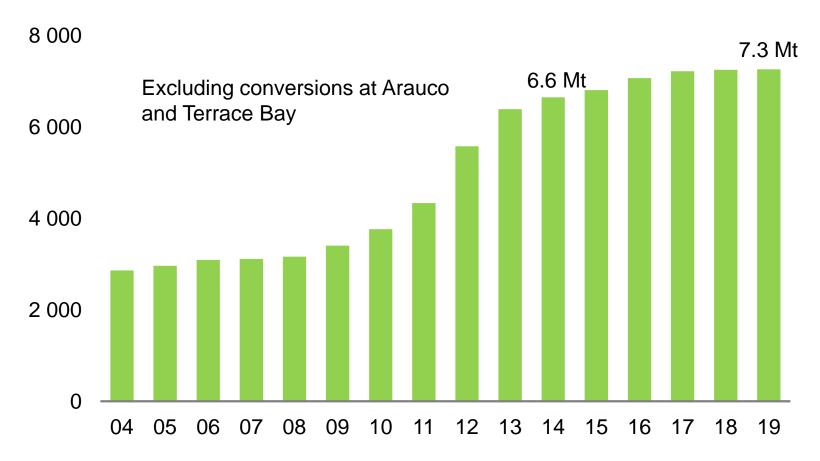
World Dissolving Pulp Capacity in 000 tonnes





Total capacity to reach 7.3 Mt

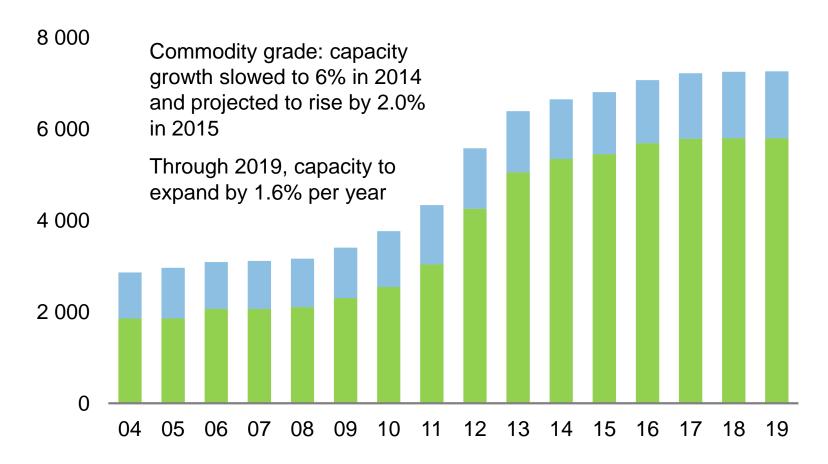
World Dissolving Pulp Capacity in 000 tonnes





Growth in commodity capacity slowing

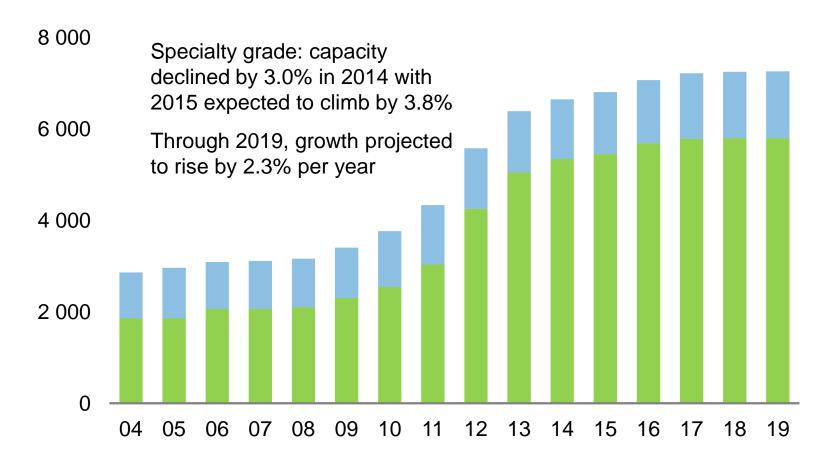
World Dissolving Pulp Capacity Commodity vs. Specialty Grades in 000 tonnes





Specialty to rise on changes in grade mix

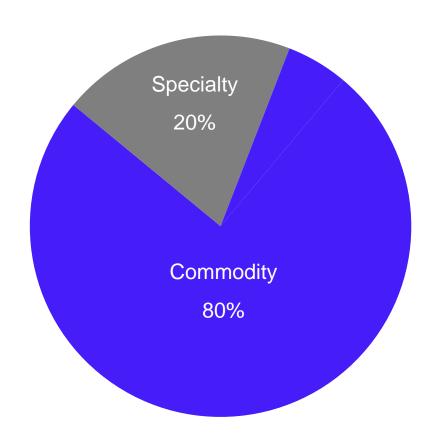
World Dissolving Pulp Capacity Commodity vs. Specialty Grades in 000 tonnes





Commodity vs. specialty split in 2015

Commodity vs. Specialty Capacity in 2015 as a % of total



Several mills have the ability to swing between papergrade, fluff, commodity DP and specialties.

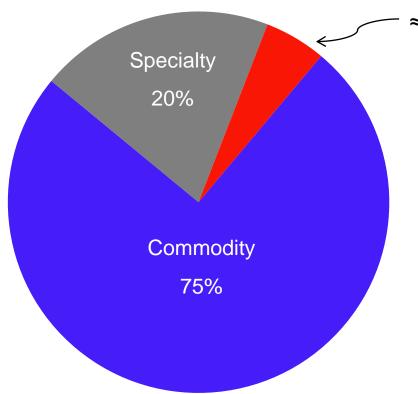
If market conditions improve for Dissolving Pulp, swing mills will shift their grade mix back to DP.

As such, there is significant "reserve" capacity for both commodity and specialty grades not included within our forecast.



Potential effect of current idled capacity

Commodity vs. Specialty Capacity in 2015 as a % of total



≈ 5% of total capacity idled

Idled capacity, comprising ≈ 5% of 2015 capacity, has the ability to rapidly change supply in the commodity sector





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