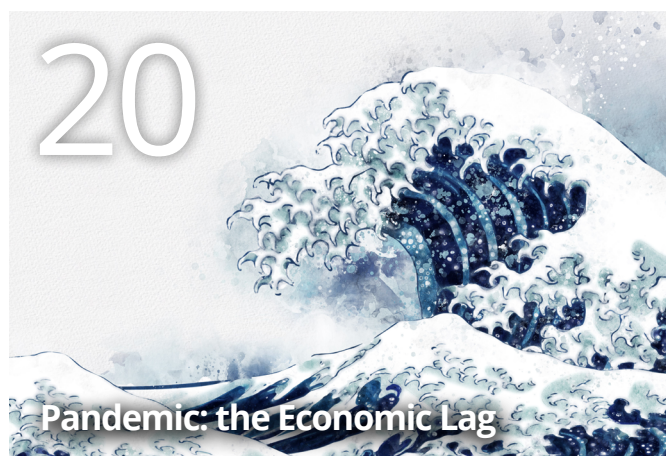


# This Issue

Issue 2 / Apr - Jun 2020



**ON THE COVER**  
The Bioenergy Roadmap



**20**  
Pandemic: the Economic Lag



**52**  
**SUPER MATERIAL**  
Making Plastic out of Lignin

## REGULAR

### 01 From the editor

Necessity is not the mother of invention

### 04 Across the desk

Sustainability, innovation, recovery and awards

### 08 News roundup

News and developments from the pulp, paper, packaging and bioproduct industry

### 10 Supplier news

Latest products and services from industry suppliers

### 14 People: Woman of the Year

Adele Elice-Invaso wins Tappi's 2020 Woman of the Year

### 18 Obituary: Merv Uprichard

New Zealand's father of pulp and paper research passes

### 25 Industry steps up

Howard Burvill describes industry wide response to COVID-19

### 26 AGM elects new Executive Committee

Appita leadership set to meet industry challenges

## INSIGHT

### 20 **Pandemic: the economic lag**

Tim Woods waits for the economic tsunami following COVID

### 28 **Report from Japan**

Terunobu Fukui, Executive Director, JAPAN TAPPI provides an update on the impact of COVID-19 pandemic on the pulp and paper industry in Japan

### 30 **AFPA advocates industry involvement in bioenergy**

Government presents opportunity to pulp and paper

## PERSPECTIVE

### 32 **INTERVIEW: Bioenergy Roadmap**

Shahana McKenzie's shares her journey along the road to sustainability

### 36 **The impact of COVID-19 on the global packaging industry**

Smithers looks at how the industry will trend post-COVID

### 46 **INTERVIEW: Piloting alternatives for plastics**

Nafty Vanderhoek interviews VTT's Harri Kiiskinen

## FEATURES

### 40 **Being remote ready**

9 things you must do to work in a remote world and be successful

### 50 **Minimising value loss of burnt softwood forests**

Forestry experts share how they are retaining the value of Australia's burnt forests

### 52 **INTERVIEW: Making plastic out of lignin**

Marcus Jawerth tells us why lignin is the unloved polymer that keeps on giving

## TECHNICAL

### 55 **Knowledge based control and leak detection for high pressure boiler water treatment**

Anderson Jose' Beber describes new approaches for the control of boilers

### 65 **Correct desuperheater selection**

Kadant shares tips and challenges of desuperheater selection

