



# **Drop Cake, Turning wastes into rigid panels.**

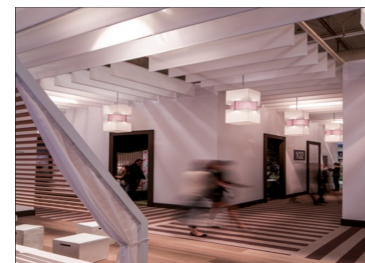


## Procédés Chenel: Presentation and Background of the company

**Sophie Chenel, owner and CEO of Procédés Chénel International a family owned company since 1896.**

**The company is world-renowned for its exclusive materials and patented techniques for decorating public spaces. Procédés Chénel's techniques are dedicated to professionals in interior architecture, design, events, museography and retail. These are innovative solutions for ceilings, partitions, lighting elements and furniture, mainly in paper. Procédés Chénel creates innovative and responsible systems.**

**75 patents of exhibition materials and techniques mainly specialized in paper in exhibition**



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# Quick background, nature and general objectives of the program



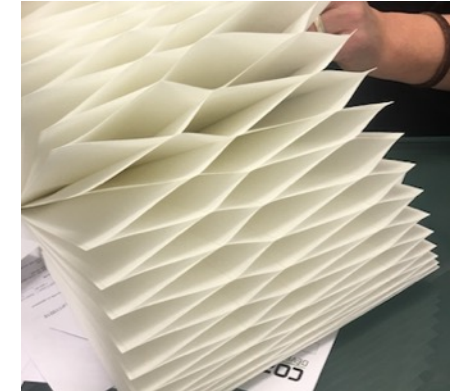
**The paper we use is a composite : polyester, cellulose and fiber glass.**

**The composition answers our criteria of lightness, light diffusion, dimensional stability, humidity resistance, and fire resistance. But it is not recyclable.**

**This paper is manufactured for us exclusively and we order more than 30 tons a year.**

**It replaces wood, plastic, metal, and heavy structure.**

**We call it Drop Paper.**



**Since many years we try to find solutions to recycle after its temporary use. We collect our wastes of material in house and used decoration from our customers.**







## Detailed description, including stakeholders involved, actions taken, and results achieved



Industrial solution ie sharding the paper with wastes of plastics and make a rigid board. From rigid boards we can produce other projects such as furniture



Stakeholders

600 customers of Procédés Chenel active in the process »Petite Consigne »

31 tons of Drop Paper produced for us and sold to our customers  
90 boards of 30 kilos produced by the Drop Cake factory  
1,6 tons of Drop Paper is recycled turned into rigid boards.

**TAKE ACTION!**



- Development of the Gourmandises Collection, Desing Marine Peyre
- **French Design 100 award winner** for Donut (Gourmandise Collection)

### Gourmandise Collection



## Conclusion: lessons learnt, next steps (if any)



**After 4 years of development the key lessons learnt:**

- Importance of the scalability of the process
- Involvement of all the customers base
- Importance of the eco conception
- Communicate, allways communicate
- Share difficulties, importance of the collaborative design



- A challenge to improve our capability from 1,6 tons to 30 tons a year.
- Development of side products of the Drop Cake
- Development of 100 % recyclable papers such as Hemp Paper and linen Paper to supplement historical Drop Papers.
- Always more creativity through sustainability.

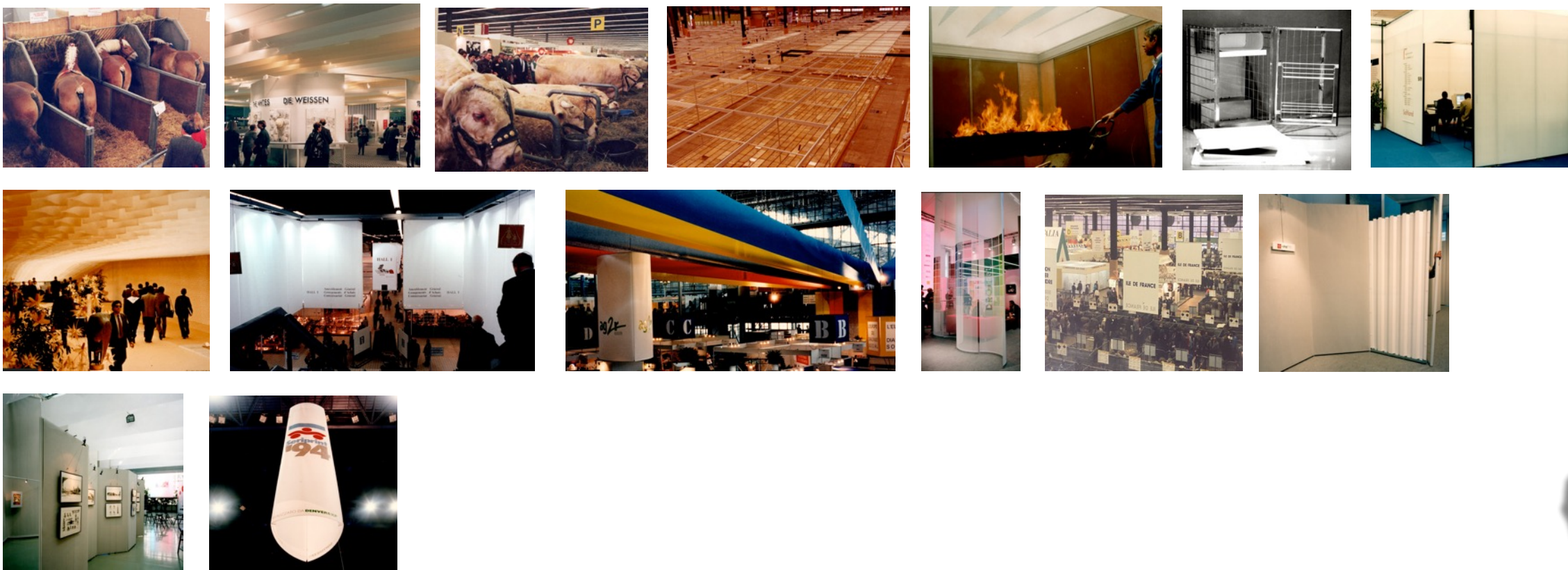




**Thank you !**



# 75 patents of exhibition materials and techniques



## Mainly specialized in paper in exhibition





## Mainly specialized in paper in exhibition



**Since many years we try to find solutions to recycle after its temporary use. We collect our wastes of material in house and used decoration from our customers.**





**Finally we have an industrial solution ie sharding the paper with wastes of plastics and make a rigid board.**





## Gourmandise Collection



**Cup Cakes**



**Donut**



**Eclair and coffee table**

## 2023 :

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**FRENCH  
DESIGN**  
by V&A

Donuts, *Europe*,  
Procédés Chénel  
International

**Le FD100 AWARD WINNER**

**MARINE PEYRE EDITIONS**