



Co-founded by L'Oréal and Quantis

COLLECTIVELY SHAPING THE FUTURE OF SUSTAINABLE COSMETICS PACKAGING

OUR PANELISTS:



**PHILIPPE
BONNINGUE**

Global Vice-President of
Packaging & Circular
Economy Stewardship

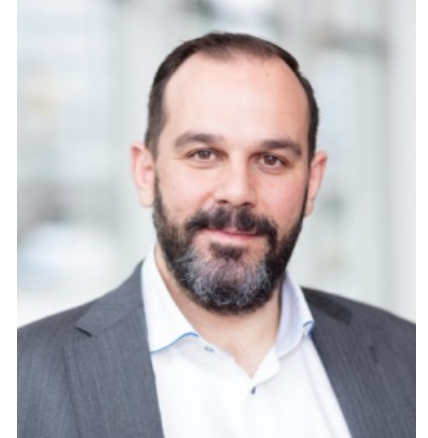
L'ORÉAL



VICTOR FRONTERE

Senior Sustainability
Consultant – SPICE
project manager

Quantis



FREDERIC DREUX

R&D Packaging Leader
- Prestige



**WHY DID L'OREAL
CO-FOUND SPICE
WITH QUANTIS
IN 2018?**



OUR L'ORÉAL CONTEXT

35 GLOBAL BRANDS

8 DISTRIBUTION CHANNELS

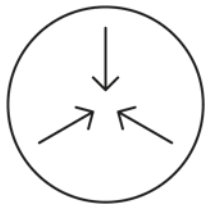
6+ BILLION PRODUCTS / YEAR



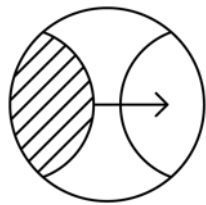
L'OREAL STRONG ECO-DESIGN PACKAGING STRATEGY '3R' ... SINCE 2007



ECODESIGN
STRATEGY



REDUCE



REPLACE



RECYCLE



L'OREAL SUSTAINABILITY AMBITION

DRIVING THE
TRANSFORMATION

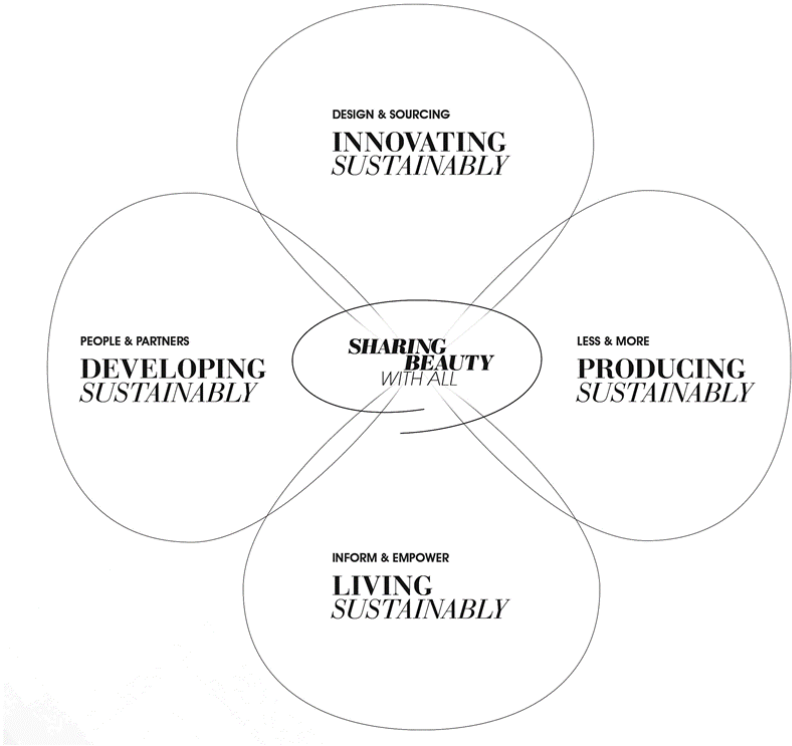
2 COMPLEMENTARY
PROGRAMS

**SHARING
BEAUTY**
WITH ALL

and

L'ORÉAL
FOR THE FUTURE

2013 - 2020



2020 - 2030



CLIMATE



WATER



BIODIVERSITY



RESOURCES



A NEED to truly assess the ENVIRONMENTAL & SOCIAL PROFILE of a PRODUCT

TRANSFORMATION & ENGAGEMENT toward 100% IMPROVED

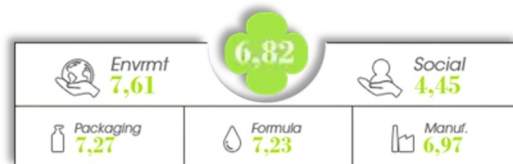
- + a way to foster **easy** and **sound** decisions for ENV/SOC
- + a robust science-based **methodology** for Packaging and Formula
- + embedded in the NPD **daily routine**

NOTHING THIS AMBITIOUS EXISTED BEFORE

- + Built on internal **L'Oréal expertise** with **renowned stakeholders**
- + **1 single score** with a global footprint (Env+Soc)
- + Methodology **aligned** with the European PEF (Product Environmental Footprint) standard
- + Developed with **Quantis** and **EY**

2017

SPOT roll-out worldwide



A photograph of various cosmetic products, including a tube of cream, a jar of cream, and a small container of yellow cream, arranged on a bed of green palm fronds.

TOWARDS INDUSTRY HARMONIZATION

CO-FOUNDING

THE SPICE

INITIATIVE

L'ORÉAL **Quantis**

Different
approaches will lead
to different
understandings...

...harmonization
creates **momentum**
In a very active
Regulatory context,

Need to support all
brand-owners
(methodology, tool, etc.)
for multi-criteria decisions
along whole value-chain

for the whole
Cosmetics Industry
packaging **ecosystem**.

WHAT IS SPICE?



AMBITION

A harmonized packaging footprint approach for cosmetics industry

OBJECTIVES

- + To build a common methodology for environmental measurement
- + To recommend best practices in sustainable packaging

BENEFITS

- + Provide robust information to packaging designers and stakeholders
- + Demonstrate environmental stewardship and leadership
- + Consistently meet consumer expectations

WHAT IS SPICE?

SPICE COLLECTIVE INITIATIVE

CO-FOUNDERS

L'ORÉAL Quantis

CORPORATE MEMBERS



ASSOCIATED MEMBERS



A COLLABORATIVE AND TRANSPARENT INITIATIVE

The image displays three overlapping screenshots of the open-spice.com website. The largest screenshot on the left is the homepage, featuring the SPICE logo, the text 'SUSTAINABLE PACKAGING INITIATIVE FOR COSMETICS', and buttons for 'Discover the SPICE Tool' and 'Access the publications'. The middle screenshot shows the 'Publications' page with a list of documents including 'SPICE GUIDELINES', 'SPICE TOOL METHODOLOGICAL APPENDIX', and 'CLAIMS GUIDELINES'. The rightmost screenshot shows the 'Read the Committee Meeting Minutes' page, listing minutes for Year 3 Committee 3, 2, and 1. The website has a clean, modern design with a green and white color scheme and a navigation bar at the top.

open-spice.com

SPICE
SUSTAINABLE PACKAGING
INITIATIVE FOR COSMETICS

Co-Founded by L'Oréal & Quantis

Discover the SPICE Tool Access the publications

Cosmetic industry players unite to collectively shape the future of sustainable packaging

Publications

Publications by SPICE

SPICE GUIDELINES
17/04/2019

SPICE TOOL METHODOLOGICAL APPENDIX
23/11/2020

CLAIMS GUIDELINES
15/09/2020

Read the Committee Meeting Minutes

YEAR 3 – COMMITTEE 3
MEETING MINUTES
15/09/2021

YEAR 3 – COMMITTEE 2
MEETING MINUTES
25/05/2021

YEAR 3 – COMMITTEE 1
MEETING MINUTES
09/02/2021

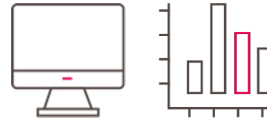
open-spice.com

SPICE KEY OUTPUTS



METHODOLOGICAL GUIDELINES

- **SPICE Methodological Guidelines**
- **Recyclability assessment appendix**
- **Recycled content assessment appendix**



SPICE TOOL & DATABASE

- **SPICE Tool launched in sept 2020**
- **Database continuously enriched**

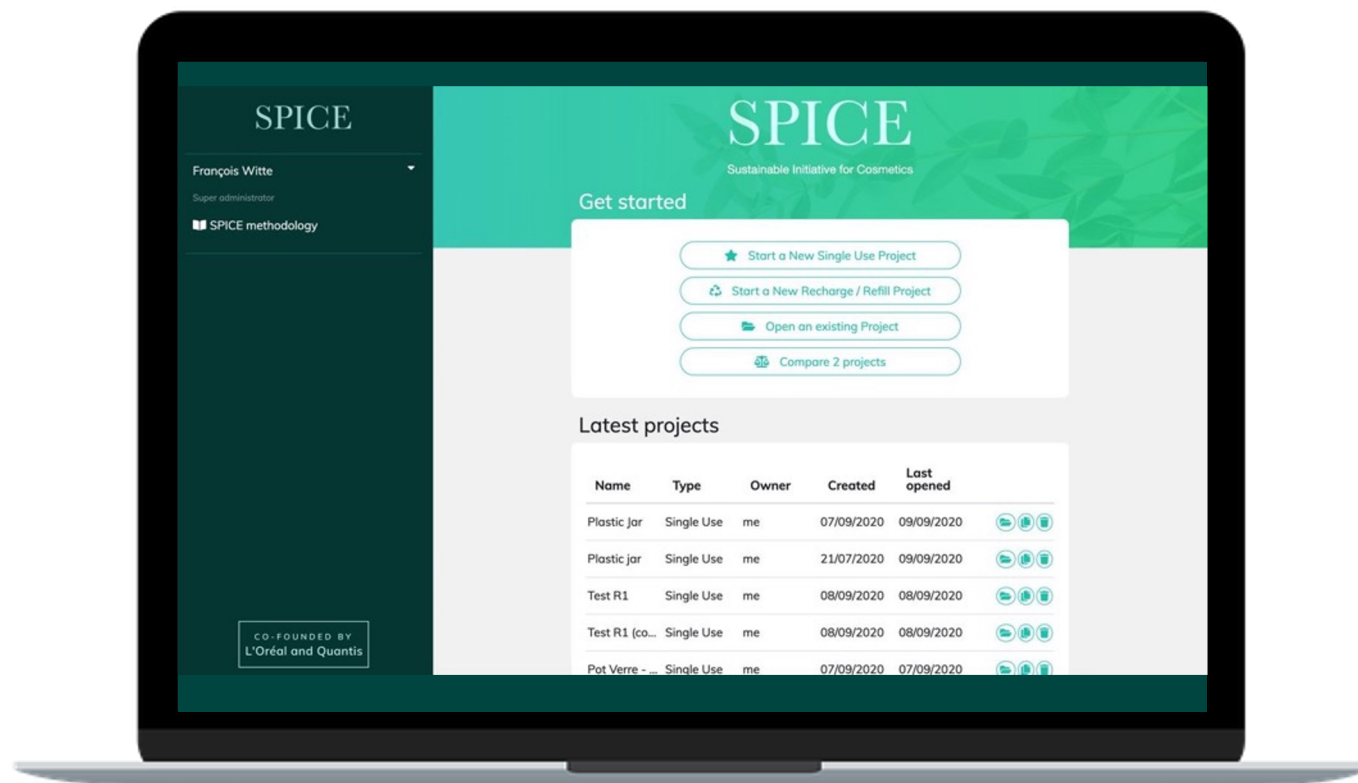


MARKETING & THOUGHT LEADERSHIP

- **Packaging Environmental Claims Guidelines**

SPICE TOOL





SPICE TOOL

Is an online ecodesign tool to **assess the environmental performance of cosmetics packaging** based on industry-recognized SPICE methodology

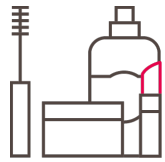
Facilitating the integration of science-based sustainability within packaging design

CAPTURES A WIDE RANGE OF ENVIRONMENTAL TOPICS, COMBINED IN A SINGLE METRIC



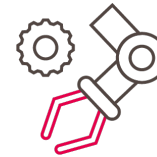
*LCA - Life Cycle Assessment methodology
Aligned with EU's PEF recommendations*

SPICE TOOL AMBITION: REFLECT DESIGNER CHOICES IN THE TOOL, BY PROVIDING OPTIONS THAT REFLECTS COSMETICS PACKAGING INDUSTRY



60 packaging materials

covering notably polymers, metals, glass, cardboard



18 converting processes and 7 finishing processes



Recyclability is taken into account in End-of-Life scenarios
% of secondary material for each recyclable material



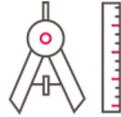
International coverage
Each process can be made **country-specific**

...and continuous new additions

SPICE
OTHER OUTPUTS



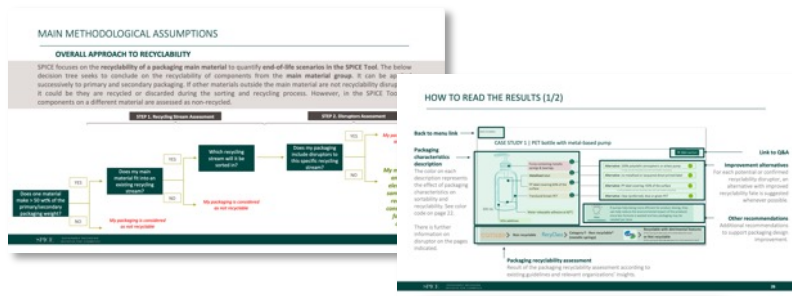
SPICE KEY OUTPUTS



METHODOLOGICAL GUIDELINES

- **SPICE Methodological Guidelines**
- **Recyclability assessment appendix**
- **Recycled content assessment appendix**

New



SPICE TOOL & DATABASE

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MARKETING & THOUGHT LEADERSHIP

- **Packaging Environmental Claims Guidelines**



> Find those resources on open-spice.com

THIRD-PARTY REVIEW of SPICE

2021 - International panel of experts



Philippe Osset – France, EU, Acting as President of the panel

- + ISO mandated expert
- + PEF TAB member



Tom Gloria (US)

- + US ANSI mandated expert



Atsushi Inaba (Japan)

- + ISO mandated expert



Nydia Suppen (Latin America)

- + ISO mandated expert

Objectives

- + Review the SPICE methodology, database and Tool
- + Get external approval to increase recognition
- + International panel to ensure global coverage and regional feedback



**Robust approach unified at
industry level
Embedded in an intuitive tool**

WHAT ARE THE BENEFITS OF JOINING SPICE?

TESTIMONY FROM
UNILEVER PRESTIGE



**FOR MORE INFORMATION
ON HOW TO JOIN SPICE**

Visit open-spice.com

